

**GOVERNMENT OF INDIA  
MINISTRY OF AYUSH**

**LOK SABHA  
UNSTARRED QUESTION NO. 246  
TO BE ANSWERED ON 3<sup>rd</sup> FEBRUARY, 2023**

**“Development of Ayurvedic Medicines”**

**246. SHRI G.M SIDDESHWAR:**

Will the Minister of **AYUSH** be pleased to state:

- (a) whether the Government proposes to introduce Indian system of Ayurveda medicines as an effective treatment for lifestyle diseases in view of its increasing popularity;
- (b) if so, the steps taken by the Government in this regard;
- (c) whether the Government proposes to develop the effective Ayurvedic medicines on a large scale; and
- (d) if so, the details thereof alongwith the efforts made in this direction?

**ANSWER**

**THE MINISTER OF AYUSH  
(SHRI SARBANANDA SONOWAL)**

- (a) The Central Council for Research in Ayurvedic Sciences (CCRAS), an autonomous body under Ministry of Ayush has undertaken research studies on the lifestyle disease conditions viz. Diabetes Mellitus, Dyslipidemia, Non

Alcoholic fatty liver Disease (NAFLD), Hypertension, Irritable Bowel Syndrome, Obesity, Bronchial Asthma, Osteoarthritis and Osteoporosis and PCOS for validation of Classical Ayurvedic medicines for their clinical safety and efficacy. Besides, Council has undertaken development of Ayurvedic formulations for lifestyle diseases through Systematic process of drug development

- (b) The details are given at **Annexure-I**
  
- (c) CCRAS has developed 'AYUSH-82' an Anti-Diabetic Ayurvedic formulation for management of Diabetes and commercialized through National Research Development Corporation (NRDC) for wider public utility. AYUSH 82 technology has been transferred to 11 manufacturing units. CCRAS has undertaken the development of the various coded formulations viz. AYUSH A for Bronchial Asthma, AYUSH D for Type II Diabetes Mellitus, Ayush CCT in clinical recovery in post- operative cardiac care , Ayush GMH for Non Alcoholic fatty liver Disease (NAFLD) , Ayush M-3 for pre-hypertension, Ayush HR in Pre- Hypertension, Ayush PTK for hepatoprotection as adjuvant to ATT, Ayush Manas in Cognitive deficit, Ayush SR in Occupational stress and CARCTOL-S in ovarian Cancer which are at different phases of drug development.
  
- (d) The details are given at **Annexure-II**

## Annexure-I

### Disease conditions and corresponding projects undertaken by CCRAS

S. No	Disease Condition	Name of the Project
1.	Diabetes Mellitus	<ol style="list-style-type: none"> <li>1. NPCDCS (National Programme for Prevention and Control of Cancer, Diabetes, Cardiovascular diseases &amp; Stroke) in three districts, viz. Surendranagar (Gujarat), Bhilwara (Rajasthan), Gaya (Bihar) to demonstrate the feasibility of integration of Ayurveda involving 49 CHCs, 3 District Hospitals, and 189 PHC- Completed</li> <li>2. Clinical evaluation of Saptavimshatika Guggulu and Haridra Churna in the management of type II Diabetes Mellitus- completed</li> <li>3. Clinical Evaluation of Nisha Amalaki and Chandraprabha Vati in the management of Type II Diabetes Mellitus (Madhumeha)- completed</li> <li>4. Clinical Evaluation of Nisha Katakadi Kashaya and Yashada Bhasma in the Management of Type II Diabetes Mellitus (Madhumeha)- completed</li> <li>5. Clinical evaluation of Gokshuradi Guggulu and Guduchi churna in the management of Madhumeha (Type II Diabetes Mellitus)- completed</li> <li>6. Clinical Evaluation of the Efficacy and Safety of Mamajjaka Ghanavati in Madhumeha (Type 2-Diabetes)- completed</li> </ol>
2.	Dyslipidemia	<ol style="list-style-type: none"> <li>1. Clinical evaluation of Vyoshadi Guggulu and Haritaki Churna in the management of Dyslipidemia- Completed</li> <li>2. Efficacy and safety of Ayurveda Formulation 'Trikatu' as add-on to standard care in Dyslipidemia- A Prospective Randomized Double Blind Placebo Controlled Trial- Ongoing</li> </ol>

3.	Hypertension	<ol style="list-style-type: none"> <li>1. Clinical evaluation of Ashvagandhadyarishta, Jatamamsi Arka and Sarpagandha Vati in the management of essential Hypertension-Completed</li> <li>2. Clinical evaluation of Parthadyarishta (Arjunaristha) and Sarpagandha Vati in the management of Essential Hypertension (Uccha Raktachaap)- Completed</li> <li>3. Clinical evaluation of Rudraksha Churna in the management of Essential Hypertension (Uccha Raktachaapa)- Completed</li> <li>4. Prospective double blind randomized controlled clinical study on Ayurvedic intervention (Sarpagandha Mishran) vs. Amlodipine in the management of stage-I Primary Hypertension- Ongoing</li> </ol>
4.	Irritable Bowel Syndrome	<ol style="list-style-type: none"> <li>1. Clinical evaluation of Bilvadi Leha in the management of Irritable Bowel Syndrome- Completed</li> <li>2. Clinical Evaluation of Kutajarishta In The Management of Irritable Bowel Syndrome (IBS)-Completed</li> <li>3. Clinical efficacy and safety of Brihat Gangadhara Churna in the management of Irritable Bowel Syndrome- Completed</li> </ol>
5.	Obesity	<ol style="list-style-type: none"> <li>1 Clinical evaluation of Vyoshadi Guggulu and Haritaki Churna in the management of Obesity-Completed</li> <li>2 Clinical Evaluation of Vidanga Churna and Vyoshadi Guggulu in the Management of Medoroga (Obesity) – Ongoing</li> <li>3 Clinical Evaluation of Lekhaniya Gana Kashaya and Arogyavardhini Gutika in the management of Medoroga (Obesity)- Ongoing</li> </ol>
6.	Bronchial Asthma	<ol style="list-style-type: none"> <li>1. Clinical Evaluation of Kantakaryavaleha and Eladi Gutika in the Management of Mild Stable Bronchial Asthma (Tamaka Shwasa)- Completed</li> <li>2. Clinical evaluation of Agashtya Haritaki Rasayana and Apamarga Kshara in the management of Mild Stable Bronchial Asthma (Tamaka Shwasa)- Completed</li> <li>3. Clinical evaluation of Vyaghri Haritaki in the management of Bronchial Asthma- Completed</li> <li>4. Clinical evaluation of Kanakasava and Trivrita Churna in the management of Bronchial Asthma (Tamaka Swasa)- Completed</li> </ol>
7.	Osteoarthritis	<ol style="list-style-type: none"> <li>1. Clinical Evaluation of Rasnadi Kvathachurna (Maha), Trayodashanga Guggulu and Brihatsaindhavadya Taila in the Management of Osteoarthritis of Knee (Janugata Sandhivata)- Completed</li> </ol>

		<ol style="list-style-type: none"> <li>2. Clinical evaluation of Punarnava Guggulu, Dashmoola Ghrita and Kottamachukadi Taila in the management of Osteoarthritis- Completed</li> <li>3. Clinical evaluation of Vatari guggulu, Maharasnadi kwatha and Narayana taila in the management of Osteoarthritis knee- Completed</li> <li>4. Clinical Evaluation of Ksheerbala Taila Matra Basti, Therapeutic Combination of Vatari Guggulu, Maharasnadi Kwatha and Narayan Taila in the Management of Osteoarthritis Knee- Completed</li> <li>5. Clinical Evaluation of Yogaraj Guggulu, Gandharvahasta Taila and Dhanwantara Taila in the management of Osteoarthritis knee- Completed</li> <li>6. Therapeutic evaluation of Rasnadi Gutika and Chandrakala lepa in Janusandhigata vata (Osteoarthritis)- Completed</li> <li>7. A randomized trial to evaluate the efficacy of multimodal Ayurveda interventions in Jannu Sandhigatavata (Primary Knee - osteoarthritis)- Ongoing</li> </ol>
8.	Osteoporosis	<ol style="list-style-type: none"> <li>1. Clinical evaluation of Abhadya Churna and Mukta Shukti Bhasma in the management of Osteopenia / Osteoporosis (Asthi kshaya)- Completed</li> <li>2. Clinical evaluation of Laksha Guggulu and Mukta Shukti Bhasma in the management of Osteopenia/Osteoporosis- Completed</li> <li>3. Clinical evaluation of Laksha Guggulu and Mukta Shukti Pishti in the management of Osteopenia/Osteoporosis- Completed</li> <li>4. Clinical Evaluation Of Ashwagandha Churna and Pravala Pishti in the Management of Osteopenia / Osteoporosis- Completed</li> </ol>
9.	PCOS	<ol style="list-style-type: none"> <li>1. Clinical evaluation of the efficacy of Rajahpravartini vati, Kanchanar guggulu and Varunadi kashaya in the management of Polycystic Ovary Syndrome (PCOS): A pilot study- Completed</li> </ol>

## Annexure-II

### List of Ayurvedic Formulations under Drug Development in Lifestyle diseases

S. No.	Ayurvedic medicine & Disease Condition	Name of the Project
1.	AYUSH-A for Bronchial Asthma	1. Randomized double blind placebo controlled clinical study Ayurvedic coded drug AYUSH-A in the management of Bronchial Asthma (Tamaka Shwasa)- Ongoing
2.	AYUSH-D for Type 2 Diabetes Mellitus	1. A Randomized Placebo Controlled Prospective Phase II Clinical Study of an Ayurvedic Coded Drug 'AYUSH-D' on Glycemic control in Pre-Diabetic Subjects (Collaborative)- Completed 2. A Randomized Placebo Controlled Phase II Clinical Study of an Ayurvedic Coded Drug 'AYUSH-D' in the management of Type 2 Diabetes Mellitus as add on Therapy to Metformin (Collaborative)- Completed
3.	Ayush CCT in clinical recovery in post operative cardiac care	1. Randomized control study to evaluate the efficacy of Ayush CCT and Rajyoga Meditation versus conventional treatment on clinical recovery and post operative outcome following elective cardiothoracic surgeries- Completed
4.	Ayush-GMH for Non Alcoholic Fatty Liver Disease (NAFLD)	1. Evaluation of Ayush-GMH in the subjects of mild to moderate Non alcoholic fatty liver disease (NAFLD)-A double blind randomized control clinical study- Ongoing
5.	AYUSH - M3 for Pre-Hypertension	1. Evaluation of efficacy and safety AYUSH- M3 in the management of Pre-Hypertension- A double blind randomized control clinical study- Ongoing
6.	AYUSH- HR in Pre-Hypertension	1. Evaluation of efficacy and safety AYUSH- HR in the management of Pre-Hypertension- A double blind Randomized control clinical study- Ongoing
7.	Ayush PTK for hepatoprotection as adjuvant to ATT	1. Evaluation of Hepatoprotective activity of PTK as an add on therapy in the patients of Tuberculosis on ATT - A double blind randomized control clinical study- Ongoing
8.	AYUSH MANAS in Cognitive Deficit	1. Randomized Placebo Controlled Double Blind Clinical Trial on the Efficacy of AYUSH MANAS in

		the management of Smriti Daurbalya (Congnitive Deficit)- Ongoing
9.	Ayush-SR in Occupational Stress	1 Evaluation of Ayush-SR Tablet in Occupational Stress among IT professionals –A Randomized double blind placebo controlled clinical study- Ongoing 2 Evaluation of AYUSH-SR Tablet in Occupational stress Among Nurses- A Randomized Double Blind Placebo Controlled Clinical Study- Ongoing
10.	Carctol-S in ovarian cancer	1. A phase II trial to study efficacy, toxicity and imunomodulatory effect of Carctol-S in high grade serous epithelial ovarian cancer at first serological relapse collaborative project- Ongoing

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**GOVERNMENT OF INDIA  
MINISTRY OF AYUSH  
LOK SABHA  
UNSTARRED QUESTION NO-248  
ANSWERED ON 03/02/2023**

**“Exchange Programme for AYUSH”**

**248. SHRI JAGANNATH SARKAR:**

Will the **Minister of Ayush** be pleased to state:

(a) whether the Government proposes to create exchange programs with foreign universities to promote Yoga, Ayurveda and Traditional Medicine on the International scale;

(b) if so, the details thereof and if not, the reasons therefor;

(c) whether the Ministry has reached out to the Ministry of Education to include Yoga, Ayurveda and Traditional Medicine in the school curriculum at the national level; and

(d) if so, the details thereof and if not, the reasons therefor?

## **ANSWER**

### **THE MINISTER OF AYUSH (SHRI SARBANANDA SONOWAL)**

(a) & (b) Yes Sir. The Ministry of Ayush has provisioned the exchange of experts in traditional medicines and students with foreign universities, under the MoUs signed between the autonomous bodies under the Ministry of Ayush and foreign Universities/Authorities to promote Yoga, Ayurveda and Traditional Medicine on the International scale. The Ministry of Ayush has signed 24 country-to-country level MoUs, 40 Institute level MoUs and 15 Ayush Academic Chair MoUs with foreign nations. The Ministry of Ayush, for the promotion and propagation Ayush system abroad, offers scholarships to eligible foreign nationals for undertaking degree courses in Ayush systems in premier Institutes in India under its International Ayush Fellowship Programme with the aim of achieving recognition and acceptance of our Traditional Medicine Systems abroad. The Ministry of Ayush also collaborates with foreign universities by signing Institute level MoUs for establishing Ayush Academic Chairs abroad. At present, 03 active Ayush Academic Chairs have been set up i.e. at Hamdard University (Bangladesh), the University of Latvia (Latvia), the University of Mauritius (Mauritius). The Ministry of Ayush exchanges International experts & officers to and fro India under the components 3-A-a and 3-A-b of the IC Scheme.

(c) & (d) Yes Sir. The Ministry has collaborated with the Ministry of Education to include Yoga, Ayurveda and Traditional Medicine in the school curriculum at the national level and following are the details of the said initiative:



- Vide DO letter dated: 29.09.2021, Ministry of Ayush requested Ministry of Education for integration of teachings of Indian Traditional System of Medicines in the curriculum of school education.
- An Advisory Group and a Committee to develop educational material for students of school education and higher education are constituted by the Ministry of AYUSH dated 22.09.2022.
- The first meeting of the Advisory Group was held on 13.10.2022.
- As per the decision taken by the committee the sub-groups depending on age and standard of education are created.
- As per the decision, the director, NCERT was requested to nominate four experts for four committees on 13.01.2023.

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**GOVERNMENT OF INDIA  
MINISTRY OF AYUSH**

**LOK SABHA  
UNSTARRED QUESTION NO.250  
ANSWERED ON 3<sup>rd</sup> FEBRUARY, 2023**

**AYUSH Medicines**

250. SHRI DILESHWAR KAMAIT:

Will the Minister of AYUSH be pleased to state:

- (a) the status of functional health and wellness centres under National AYUSH Mission in all the districts of Bihar during the last three years;
- (b) whether the Government has taken any initiatives to regulate and control AYUSH medicines in Supaul district; and
- (c) if so, the details thereof?

**ANSWER  
THE MINISTER OF AYUSH  
(SHRI SARBANANDA SONOWAL)**

- (a) Ministry of Ayush is implementing the operationalization of AYUSH Health and Wellness Centres (AHWCs) under Ayushman Bharat as a component of the Centrally Sponsored Scheme

of National AYUSH Mission (NAM) through State/UT Governments with an objective to establish a holistic wellness model based on AYUSH principles and practices. As per the reports received from State Government of Bihar, 18 AYUSH Health and wellness centres are made functional during the last 3 years. The district –wise status of functional AYUSH Health and Wellness Centres during the last three years in the State of Bihar are furnished at **Annexure**.

(b) & (c) As prescribed in Drugs and Cosmetics Act 1940 and Rules 1945 made thereunder, enforcement of the legal provisions pertaining to Quality Control and issuance of drug license of Ayurveda, Siddha, Unani and Homoeopathy drugs, is vested with the State Drug Controllers/ State Licensing Authorities appointed by the concerned State/ Union Territory Government. Rule 158-B in the Drugs and Cosmetics Rules, 1945 provides the regulatory guidelines for issue of license to manufacture Ayurvedic, Siddha, Unani medicines and Rule 85 (A to I) in the Drugs and Cosmetics Rules, 1945 provides the regulatory guidelines for issue of license to manufacture Homoeopathy medicines. It is mandatory for the manufacturers to adhere to the prescribed requirements for licensing of manufacturing units & medicines including proof of safety & effectiveness, compliance with the Good Manufacturing Practices (GMP) as per Schedule T & Schedule M-I of Drugs and Cosmetics Rules, 1945 and quality standards of drugs given in the respective pharmacopoeia.

## Annexure

### District –wise status of functional AYUSH HWCs during the last three years

Sl.No.	Name of State/UT	Name of District	Functional AYUSH HWCs
1		<b>Aurangabad</b>	State Ayurvedic Dispensary Goh, Rafigang
			State Ayurvedic Dispensary Deo,
			State Ayurvedic Dispensary Deokund Barun
			State Ayurvedic Dispensary Pipra Baghi, Obera
2		<b>Begusarai</b>	State Ayurvedic Dispensary Binodpur, Barauni
			State Ayurvedic Dispensary Katahri, Sahebpur Kamal
3		<b>Gopalganj</b>	State Ayurvedic Dispensary Pashurampur Manjha
			State Ayurvedic Dispensary Thawe

	<b>Bihar</b>		Kochaykot	
			State Ayurvedic Dispensary Pakri Tola Vijaipur	
4		<b>Nalanda</b>	State Ayurvedic Dispensary Hargawa, Giriyak	
5		<b>Nawada</b>	State Ayurvedic Dispensary Warsligang, Akabarpur	
			State Ayurvedic Dispensary Sonsarai, Govindpur	
			State Ayurvedic Dispensary Darma, Narhat	
			State Ayurvedic Dispensary Dona, Pakri Barawa	
6		<b>Siwan</b>	State Ayurvedic Dispensary Gyaspur, Pachrukhi	
			State Ayurvedic Dispensary Basantpur, Basantpur	
7		<b>West Champaran</b>	State Ayurvedic Dispensary Peepara, Chanpatiya	
			State Ayurvedic Dispensary Majhauliya	
<b>Grand Total</b>			<b>18</b>	

**GOVERNMENT OF INDIA  
MINISTRY OF AYUSH**

**LOK SABHA  
UNSTARRED QUESTION NO.251  
ANSWERED ON 3<sup>rd</sup> FEBRUARY, 2023**

**SAAPs under NAM**

251. SHRI D.M. KATHIR ANAND:  
SHRI ANURAG SHARMA:  
DR. T. SUMATHY (a) THAMIZHACHI THANGAPANDIAN:

Will the Minister of AYUSH be pleased to state:

(a) whether the Union Government has considered the State Annual Action Plans (SAAPs) of Tamil Nadu and other States under National AYUSH Mission (NAM) for the year 2022-23 and if so, the details thereof;

(b) the funds allocated to Tamil Nadu under various schemes and programs of National AYUSH Mission (NAM) including setting up of AYUSH Hospitals/Health and wellness centres and recurring expenses under various heads; and

(c) the effective steps taken by the Government to develop the AYUSH system of medicine and infrastructure in the country including Tamil Nadu alongwith the funds allocated for the same during the last five years and the current year?

**ANSWER**  
**THE MINISTER OF AYUSH**  
**(SHRI SARBANANDA SONOWAL)**

(a) Under the Centrally Sponsored Scheme of National AYUSH Mission (NAM), Ministry of Ayush has approved the submitted State Annual Action Plans (SAAPs) of different State/UT Governments including Tamil Nadu for the year 2022-23 as per the provisions of NAM guidelines. The State/UT-wise detailed status of approval of SAAPs including Tamil Nadu is furnished at **Annexure-I**.

(b) Under NAM, as per the proposals received from State Government of Tamil Nadu through SAAP during the year 2022-23, Ministry of Ayush has approved/allocated the funds to the State Government for different activities/programmes as per the provision of NAM guidelines including setting up of AYUSH Hospitals, Health and Wellness Centres and other recurring activities. The activity wise status of approved/allocated funds is furnished at **Annexure-II**.

(c) Ministry of Ayush is implementing NAM through State/UT Governments including Tamil Nadu and supporting the efforts of States/UTs for overall development of AYUSH systems of medicine including infrastructural development by providing financial assistance to them under different activities as per the provision of NAM guideline in accordance to the proposal received in their State Annual Action Plans (SAAPs). The Mission inter-alia makes provision for the following activities: -

- (i) AYUSH Health & Wellness Centres
- (ii) Co-location of AYUSH facilities at Primary Health Centres (PHCs), Community Health Centres (CHCs) and District Hospitals (DHs)
- (iii) Upgradation of existing standalone Government AYUSH Hospitals
- (iv) Upgradation of existing Government/Panchayat/Government aided AYUSH Dispensaries/Construction of building for existing AYUSH Dispensary (Rented/ dilapidated accommodation)/Construction of building to establish new AYUSH Dispensary in the area where there are no AYUSH facilities available
- (v) Setting up of upto 10/30/50 bedded integrated AYUSH Hospitals
- (vi) Supply of essential drugs to Government AYUSH Hospitals, Government Dispensaries and Government/Government aided Teaching Institutional AYUSH Hospitals
- (vii) AYUSH Public Health Programmes
- (viii) Behaviour Change Communication (BCC)
- (ix) Mobility support at State and District level

(x) AYUSH Gram

(xi) Establishment of new AYUSH colleges in the States where availability of AYUSH teaching institutions is inadequate in Government Sector

(xii) Infrastructural development of AYUSH Under-Graduate Institutions

(xiii) Infrastructural development of AYUSH Post-Graduate Institutions/ add on PG/ Pharmacy /Para-Medical Courses

Under NAM, the State/UT-wise details of funds allocated/approved against the submitted SAAPs for the overall development of AYUSH systems of medicine including infrastructural development during the last five years and the current year is furnished at **Annexure-III**.

## Annexure-I

## State/UT-wise status of approval of SAAPs under NAM

Sl. No.	Name of the State/UT	Approval of SAAP (Central + State) (Rs. in lakhs)
1.	Andaman & Nicobar Islands	284.783
2.	Andhra Pradesh	2186.080
3.	Arunachal Pradesh	1786.840
4.	Assam	4496.770
5.	Bihar	9311.916
6.	Chandigarh	758.938
7.	Chhattisgarh	4079.120
8.	Dadra & Nagar Haveli and Daman & Diu	1208.770
9.	Goa	949.904
10.	Gujarat	6362.085
11.	Haryana	2710.900
12.	Himachal Pradesh	8607.956
13.	Jammu & Kashmir	7251.980
14.	Jharkhand	25841.898
15.	Karnataka	5713.620
16.	Kerala	9777.401
17.	Ladakh	289.060
18.	Lakshadweep	232.644
19.	Madhya Pradesh	11441.777
20.	Maharashtra	5084.440
21.	Manipur	7657.800
22.	Mizoram	521.200
23.	Meghalaya	3541.529
24.	Nagaland	2203.460
25.	Odisha	5175.642
26.	Puducherry	2079.875
27.	Punjab	1305.320
28.	Rajasthan	17055.073
29.	Sikkim	695.630
30.	<b>Tamil Nadu</b>	<b>11701.623</b>
31.	Telangana	3847.270
32.	Tripura	2290.896
33.	Uttar Pradesh	48125.322
34.	Uttarakhand	5499.260
35.	West Bengal	7043.878
	<b>Total</b>	<b>227120.660</b>

**Annexure-II****Activity wise status of funds approved/allocated to Tamil Nadu during 2022-23  
under NAM**

<b>Sl. No.</b>	<b>Activity</b>	<b>(Rs. in lakhs)</b>		
		<b>Recurring</b>	<b>Non- Recurring</b>	<b>Total</b>
1.	AYUSH Health & Wellness Centres	2164.60	2740.000	4904.60
2.	Supply Essential Drugs AYUSH Dispensaries	1641.00	00	1641.00
3.	Supply of Essential Drugs & Consumables	750.00	00	750.00
4.	Mobility Support	50.600	00	50.600
5.	Supply of Medicine to School Health Programme	00	00	00
6.	National Program for Prevention and Management of Musculoskeletal Disorders	450.000	00	450.00
7.	VAYO MITRA AYUSH Geriatric Health Care Services	120.000	00	120.00
8.	Establishment of New AYUSH Dispensary in the area where there is no AYUSH facilities available.	00	30.000	30.000
9.	Setting up of AYUSH wings in District Hospitals	00	175.00	175.00
10.	Setting up of 50 Integrated AYUSH Hospital, Namakkal	00	200.00	200.00
11.	Establishment of AYUSH OPD clinics in the PHCs at 30 Places in Tamil Nadu	00	600.00	600.00

12.	Establishment of AYUSH Mobile Medical Unit at 10 District	94.25	00	94.25
13.	Ongoing Activity Approved balance Grants for Previous year SAAP 2021-22	838.413	46.50	884.913
14.	Setting up of Smart Class Room at Government Siddha Medical College, Chennai	00	20.00	20.00
15.	Setting up of Smart Class Room with projector, Screen, Laptop at Government Yoga & Naturopathy Medical College, Chennai	00	15.00	15.00
16.	Setting up of Smart Classes at Government Unani Medical College, Chennai	00	15.00	15.00
17.	Establishment of new AYUSH Colleges by upgrading AYUSH Hospitals at Palani, Dindugul District	00	1000.00	1000.00
18.	Yoga Wellness Centre	204.000	00	204.000
19.	Hiring charges Payable to Personnel engaged in 38 AYUSH Wellness Centres	228.00	00	228.00
20.	Two Tribal units for Supply of Medicines and Manpower	34.360	00	34.360
21.	Manpower for Health & Wellness Centres	135.000	00	135.000
22.	Training and Capacity building for AMO/MO/Consultants working in AYUSH Hospitals and Dispensaries	10.000	00	10.000
23.	Admin Cost	139.900	00	139.900
	<b>Total</b>	<b>6860.123</b>	<b>4841.500</b>	<b>11701.623</b>





## Annexure-III

**The State/UT-wise details of funds allocated/approved during the last five years and the current year under NAM**

(Rs. in lakhs)

Sl. No.	Name of States/UTs	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
		Allocated/ Approved	Allocated/ Approved	Allocated/ Approved	Allocated / Approved	Allocated/ Approved	Allocated/ Approved
1.	Andaman & Nicobar Islands	302.330	317.886	365.418	251.808	296.061	284.783
2.	Andhra Pradesh	1960.020	2133.677	3167.657	642.335	0.000	2186.080
3.	Arunachal Pradesh	606.340	608.754	425.922	753.433	200.944	1786.840
4.	Assam	2656.324	820.364	1779.247	385.722	710.578	4496.770
5.	Bihar	0.000	0.000	4435.497	860.892	2810.128	9311.916
6.	Chandigarh	490.520	52.552	0.000	195.808	94.864	758.938
7.	Chhattisgarh	2044.592	1778.113	0.000	4485.110	1402.182	4079.120
8.	Dadra & Nagar Haveli and Daman & Diu	143.403	72.010	63.854	0.000	0.000	1208.770
9.	Goa	437.447	244.830	197.752	109.980	364.980	949.904
10.	Gujarat	2123.990	2934.758	3716.152	406.685	778.210	6362.085
11.	Haryana	1414.070	2002.268	3832.458	5057.370	1079.504	2710.900
12.	Himachal Pradesh	798.808	2118.900	2273.210	549.933	1402.000	8607.956
13.	Jammu & Kashmir	1102.871	1329.697	2053.932	2539.723	1513.105	7251.980
14.	Jharkhand	0.000	0.000	2537.186	0.000	2182.942	25841.898
15.	Karnataka	3433.110	4480.520	2986.182	3640.618	3035.767	5713.620
16.	Kerala	3493.723	4329.730	2567.558	3895.979	1922.313	9777.401
17.	Ladakh	0.000	0.000	0.000	0.000	187.454	289.060
18.	Lakshadweep	63.747	0.000	426.878	19.605	64.257	232.644
19.	Madhya Pradesh	5099.473	4715.210	6687.245	9347.721	5205.330	11441.777
20.	Maharashtra	2973.808	0.000	7181.072	0.000	0.000	5084.440
21.	Manipur	1488.140	1368.087	1007.861	635.244	188.933	7657.800
22.	Mizoram	770.531	803.043	221.678	730.810	287.870	521.200
23.	Meghalaya	820.282	0.000	386.899	275.522	677.533	3541.529
24.	Nagaland	1685.462	1023.188	1056.200	1394.322	258.078	2203.460
25.	Odisha	2601.700	1787.890	1210.160	1194.400	1792.300	5175.642
26.	Puducherry	239.995	445.520	238.416	79.445	333.788	2079.875

27.	Punjab	2247.772	62.421	1925.823	149.620	878.800	1305.320
28.	Rajasthan	11488.760	5036.957	3312.658	3794.000	5315.000	17055.073
29.	Sikkim	200.097	300.351	367.326	389.379	110.334	695.630
30.	Tamil Nadu	4648.453	3877.175	3323.188	1027.633	3913.780	11701.623
31.	Telangana	1758.521	1150.604	1556.968	0.000	5220.420	3847.270
32.	Tripura	1328.378	742.967	0.000	300.088	154.122	2290.896
33.	Uttar Pradesh	10467.050	19756.918	13206.150	17289.76 3	23016.206	48125.322
34.	Uttarakhand	2206.774	1878.090	917.044	729.398	2913.893	5499.260
35.	West Bengal	2758.244	3820.698	3082.900	412.243	3530.075	7043.878
	<b>Total</b>	<b>73854.736</b>	<b>69993.178</b>	<b>76510.491</b>	<b>61544.58 9</b>	<b>71841.751</b>	<b>227120.660</b>

**GOVERNMENT OF INDIA**

**MINISTRY OF AYUSH**

**LOK SABHA**

**UNSTARRED QUESTION NO. 252**

TO BE ANSWERED ON 3<sup>rd</sup> FEBRUARY, 2023

**“AYUSH Medicines in AIIMS”**

+252. SHRI ARUN SAO:

SHRI VIJAY BAGHEL:

SHRI MOHAN MANDAVI:

Will the Minister of AYUSH be pleased to state:

a) whether the AYUSH medical facility is available in all the All India Institute of Medical Sciences (AIIMS) of the country including AIIMS, Delhi and if so, the details thereof;

- (b) whether the AYUSH buildings constructed for the AYUSH doctors in new AIIMS are being used for other purposes and if so, the reasons therefor;
- (c) whether the AYUSH In-Patient Departments (IPDs) in all the six operational AIIMS are yet to be started and if so, the reasons therefor;
- (d) whether the human resources like the Panchkarm Assistant, Alkali Formula Assistant have not been deployed in the Ayurveda departments of AIIMS so far;
- (e) if so, the reasons therefor; and
- (f) the corrective measures taken/being taken by the Government in this regard?

## **ANSWER**

### **THE MINISTER OF AYUSH (SHRI SARBANANDA SONOWAL)**

- (a) The All India Institute of Medical Sciences (AIIMS) where AYUSH medical facility is available are AIIMS Bhopal, AIIMS Bhubaneswar, AIIMS Raipur, AIIMS Gorakhpur, AIIMS Patna and AIIMS Rishikesh.
- (b) The AIIMS having Ayush Building for Ayush Doctors are AIIMS Bhopal, AIIMS Bathinda, AIIMS Bhubaneswar, AIIMS Bilaspur, AIIMS Guwahati, AIIMS Jodhpur, AIIMS Kalyani, AIIMS Nagpur, AIIMS Raipur, AIIMS Deoghar , AIIMS Gorakhpur, AIIMS Patna, AIIMS Rishikesh and AIIMS Mangalagiri . The Details of AIIMS in which Ayush Building are used for other purposes is Annexed.
- (c) The AIIMS Bhubaneswar and AIIMS Raipur have made operational AYUSH In-Patient Departments (IPDs).
- (d) to (f) Posts are yet to be sanctioned in all of the AIIMS.

## Annexure

Details of the AIIMS in which Ayush Building are used for other purposes

Sr.No	Name of the AIIMS	Reasons
1.	AIIMS Jodhpur	Some portion of Ayush building is used for day care patients without interrupting functioning of Ayush department.
2.	AIIMS Kalyani	The area is being used as Yoga centre for staff at AIIMS. The centre is run by trained faculty and experts in Yoga. Also certain areas are being used for patient care so as to ensure the facilities are being used and remain functional.
3.	AIIMS Nagpur	Ayush Building is constructed at AIIMS Nagpur in November, 2019. The Ground Floor of the Ayush building is being used for operation of Viral Research Diagnostic Laboratory (VRDL) and Blood bank (i.e. AIIMS, Nagpur Blood Centre) to effectively utilize the infrastructure, as the Ayush Departments posts are not yet sanctioned TO set up the Ayush Departments.

4. AIIMS Raipur Separate Ayush building is available for Ayush doctors. Only few beds are now being used as isolation beds for COVID-19 patients.
5. AIIMS Deoghar Ayush Department has not yet started. Ayush building temporarily being used as OPD, Day care and Diagnostic services.
6. AIIMS Mangalagiri Ayush building has been constructed and is being utilized for allopathic IPD Services, as faculty recruitment has not yet been done for AYUSH Medicine. Currently there are no faculty and other posts sanctioned for AYUSH at AIIMS Mangalagiri.

**GOVERNMENT OF INDIA**

**MINISTRY OF AYUSH**

**LOK SABHA**

**UNSTARRED QUESTION NO. 255**

**TO BE ANSWERED ON 03<sup>rd</sup> FEBRUARY, 2023**

**'STANDARDS FOR TRADITIONAL MEDICINES' -**

†255

SHRI DEVJI M. PATEL:

SHRI RANJEETSINGH HINDURAO NAIK NIMBALKAR:

SHRI SUNIL KUMAR SINGH:

SHRI SUDHAKAR TUKARAM SHRANGARE:

SHRI DILIP SAIKIA:

Will the Minister of AYUSH be pleased to state:

(a) whether different standards and analytical methods have been adopted for herbal/traditional medicines published in ASU&H Pharmacopoeia as compared to Indian Pharmacopoeia (IP);

- (b) if so, the details thereof alongwith the reasons therefor; and
- (c) the fresh steps taken by the Government for development of harmonized herbal drug standards for promotion and facilitation of One herb, One Standard?

**ANSWER**

**THE MINISTER OF AYUSH  
(SHRI SARBANANDA SONOWAL)**

(a) & (b) Yes, Sir.

The standards and analytical methods which are prescribed in Ayurvedic Pharmacopoeia of India (API), Siddha Pharmacopoeia of India (SPI), Unani Pharmacopoeia of India

(UPI) and Homoeopathic Pharmacopoeia of India (HPI) are mandatory regulatory standards and have been identified as to align with the recommendations of WHO/other major National (Indian Pharmacopoeia) and International pharmacopoeias prevalent worldwide. Further, Indian Pharmacopoeia (IP) has herbal drug monographs for promoting phytopharmaceuticals having DNA and High-performance thin-layer chromatography (HPTLC) finger printing profile for identification and High-performance liquid chromatography (HPLC) for assay techniques which has been included in the latest volumes of API also.

( c ) Yes, Sir.

Ministry of Ayush is taking up the task to harmonize all the monographs published/being published through Ayurvedic Pharmacopoeia of India (API), Siddha Pharmacopoeia of India (SPI), Unani Pharmacopoeia of India (UPI), Homoeopathic Pharmacopoeia of India (HPI) and Indian Pharmacopoeia (IP) for promotion and facilitation of One Herb, One Standard. In this regard, Pharmacopoeia Commission for Indian Medicine and Homoeopathy (PCIM&H) under Ministry of Ayush and Indian Pharmacopoeia Commission (IPC) under Ministry of Health & Family Welfare have signed a MoU on 30<sup>th</sup>August 2022 for promotion and facilitation of "One Herb-One Standard".





**GOVERNMENT OF INDIA  
MINISTRY OF AYUSH**

**LOK SABHA**

**UNSTARRED QUESTION No. 273**

TO BE ANSWERED ON 3<sup>rd</sup> FEBRUARY, 2023

**“Promotion of Ayurveda”**

†273    SHRIMATI GEETA KORA:  
          SHRIMATI RITI PATHAK:  
          SHRI PARBATBHAI SAVABHAI PATEL:  
          SHRI PRADEEP KUMAR SINGH:  
          SHRI JUGAL KISHORE SHARMA:

Will the Minister of AYUSH be pleased to state:

- a) the measures taken/being taken by the Government to spread the message “Har Din Har Ghar Ayurveda” to make it more meaningful;
- b) the efforts made/being made by the Government to promote medical and wellness tourism in the country by including Ayurveda doctors and physicians particularly in Madhya Pradesh, Jharkhand, Gujarat, Bihar and Jammu and Kashmir; and
- c) the extent of increase in AYUSH manufacturing industry during the last seven years?

**ANSWER**  
**THE MINISTER OF AYUSH**  
**(SHRI SARBANANDA SONOWAL)**

- a) Considering the importance of Ayurveda, National Implementation Committee chaired by Hon'ble Home Minister in its meeting held on 29<sup>th</sup> August, 2022 approved the events to be conducted for celebration of "Azadi Ka Amrit Mahotsav", inter-alia "Ayurveda @ 2047-Azadi ka Amrit Kaal" to be celebrated by Ministry of Ayush. In pursuance to it, Ministry of Ayush decided to organize a series of events to commemorate "Ayurveda @ 2047" from 12<sup>th</sup> September, 2022 to 23<sup>rd</sup> October, 2022 to celebrate the 7<sup>th</sup> Ayurveda Day on 23<sup>rd</sup> October, 2022. The event theme was "□□ □□□ □□ □□ □□□□□□□□".

The objectives of the Ayurveda Day, *inter-alia*, was to promote Ayurveda into mainstream globally, focus on the strengths of Ayurveda, enhance confidence building in public for Ayurveda, transform Ayurveda as main form of medicine etc. The event was celebrated with the "Whole of Government" approach and Central Ministries, States/UTs, Gram Panchayats, Schools/Colleges, Anganwadi workers, NSS students, Nehru Yuva Kendras, Community Service Centres, Community Health Centres etc. were involved. The Weekly events during the whole duration on various themes like Ayurveda for Holistic Health, Ayurveda for Millennials, Ayurveda Aahar etc. were organized.

- b) Ministry of Ayush has developed a Central Sector Scheme namely Champion Services Sector Scheme for Medical Value Travel under which financial assistance in the form of interest subsidy is provided to the private investors for Establishment of World Class, State of the Art Super Specialty Hospitals/ Day Care Centres of the systems recognized under Indian Medicine Central Council (IMCC) Act, 1970 or Homeopathic Central Council (HCC) Act, 1973 on Pan India basis including Madhya Pradesh, Jharkhand, Gujarat, Bihar and Jammu and Kashmir.

- c) According to report of Research Information System for Developing Countries (RIS), the market size of Indian Ayush Industries is US\$ 18.1 Bn in 2020, which is six times of Ayush market size in 2014-15, that is US\$ 2.85 Bn as reported by the earlier report.

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**GOVERNMENT OF INDIA**

**MINISTRY OF AYUSH**

**LOK SABHA**

**UNSTARRED QUESTION NO. 275**

**TO BE ANSWERED ON 03<sup>rd</sup> FEBRUARY, 2023**

**'PROMOTION OF ONE HERB, ONE STANDARD'**

†275            SHRI PARBATBHAI SAVABHAI PATEL:

SHRI PRADEEP KUMAR SINGH:

Will the Minister of AYUSH be pleased to state:

- (a) the name of the schemes launched/being launched by the Ministry with inter-ministerial cooperation to promote and facilitate, 'One Herb, One Standard';
- (b) Whether the 'One Herb, One Standard & One Nation' idea will also be realised through the said schemes:
- (c) if so, the details thereof;
- (d) Whether the said schemes have brought any improvements in Ease of Doing Business for AYUSH in India; and
- (e) if so, the details thereof?

**ANSWER**

**THE MINISTER OF AYUSH**

**(SHRI SARBANANDA SONOWAL)**

(a) Under the One Herb One Standard, Ministry of Ayush has taken up the task to harmonize all the monographs published/being published through Ayurvedic Pharmacopoeia of India (API), Siddha Pharmacopoeia of India (SPI), Unani Pharmacopoeia of India (UPI), Homoeopathic Pharmacopoeia of India (HPI) and Indian

Pharmacopoeia (IP). In this regard, Pharmacopoeia Commission for Indian Medicine and Homoeopathy (PCIM&H) under Ministry of Ayush and Indian Pharmacopoeia Commission (IPC) under Ministry of Health & Family Welfare have signed a MoU on 30 August 2022 for promotion and facilitation of "One Herb- One Standard".

(b) & (c) Yes, Sir.

Yes, the main objective of One Herb-One Standard is to merge the multiple standards of a herb published in Ayurvedic Pharmacopoeia of India (API), Siddha Pharmacopoeia of India (SPI), Unani Pharmacopoeia of India (UPI), Homoeopathic Pharmacopoeia of India (HPI) and Indian Pharmacopoeia (IP) into one harmonized single monograph to realize the idea of "One Herb, One Standard & One Nation".

(d) & (e) Yes, Sir.

One harmonized monograph which will cover all the quality parameters prescribing in the respective pharmacopoeias *viz.* Ayurvedic Pharmacopoeia of India (API), Siddha Pharmacopoeia of India (SPI), Unani Pharmacopoeia of India (UPI), Homoeopathic Pharmacopoeia of India (HPI) and Indian *Pharmacopoeia (IP) for said botanicals will help to get the quality standards* of particular herb in a single monograph which will be convenient for the manufactures preparing the various formulations by using of same herb & may help in ease of doing business.

Further, each monograph published through this collaboration will have Indian Standards along with International quality requirements, so that all Indian standards become contemporary with global standards for the same botanical.



**GOVERNMENT OF INDIA  
MINISTRY OF AYUSH**

**LOK SABHA  
ADMITTED UNSTARRED QUESTION NO. 288  
ANSWERED ON 3<sup>rd</sup> FEBRUARY 2023**

**‘Medicinal Plants and Rare Species’**

**288. DR. BEESETTI VENKATA SATYAVATHI:  
SHRI CHANDRA SEKHAR BELLANA:  
SHRI KURUVA GORANTLA MADHAV:  
SHRIMATI CHINTA ANURADHA:  
SHRI M.V.V. SATYANARAYANA:**

Will the Minister of Ayush be pleased to state:

- (a) whether the Government has conducted any survey to identify medicinal plants and rare species of herbs, State-wise including Andhra Pradesh;
- (b) if so, the details thereof and if not, the reasons therefor;
- (c) whether the Government has implemented any scheme to provide financial assistance for cultivation of medicinal plants and rare species of herbs;
- (d) if so, the details thereof including the funds sanctioned and released, State-wise so far; and
- (e) if not, the reasons therefor?

**ANSWER**

**THE MINISTER OF AYUSH**

**(SHRI SARBANANDA SONOWAL)**

**(a) & (b):** Yes Sir. The Botanical Survey of India (BSI), an organization under Ministry of Environment, Forest and Climate Change mandated for survey of plant diversity of the country including medicinal and aromatic plants. As per BSI an estimated more than 8000 species of medicinal plants are found in the country including State of Andhra Pradesh. As per BSI data, estimated 1500 species are found in Western Himalaya, 3000 species in Eastern Himalaya, 2000 species in Western Ghats, 1500 species in Eastern Ghats and 750 species in Andaman & Nicobar Islands.

The Central Council for Research in Ayurvedic Sciences (CCRAS) through its Medico Ethno Botanical Survey programme has conducted survey and documented 1004 species of medicinal plants in Andhra Pradesh during the period of 1971-2000. The list of rare species of medicinal plants documented in Andhra Pradesh is available at **Annexure-I**

The National Medicinal Plants Board (NMPB), Ministry of Ayush, under its '*Central Sector Scheme on Conservation, Development and Sustainable Management of Medicinal Plants*' has also supported R&D projects on survey and identification of medicinal plants. Details of projects supported during last five years are at **Annexure-II**.

**(c):** Ministry of Ayush, Government of India had implemented Centrally Sponsored Scheme of National Ayush Mission (NAM) to promote the cultivation of medicinal plants since 2015-16 to 2020-21. Under 'Medicinal Plants' component of the National Ayush Mission Scheme, market driven cultivation of 140 prioritized medicinal plants in identified clusters/zones was supported and implemented in a mission mode through selected State Implementing agencies throughout the country including Andhra Pradesh. As per the scheme guidelines, the support was provided for:

- (i) Cultivation of prioritized medicinal plants on farmer's land.
- (ii) Establishment of nurseries with backward linkages for raising and supply of quality planting material.
- (iii) Post-harvest management with forwarding linkages.
- (iv) Primary processing, marketing infrastructure etc.

Under this scheme, subsidy @30%, 50% and 75% of the cost of cultivation was provided for cultivation of 140 medicinal plants throughout the country. The subsidy was provided on following basis:

<b>Medicinal plants Category</b>	<b>Subsidy Category</b>
Species that are highly endangered and in high demand by AYUSH industry	75% of the cost of cultivation
Species that are endangered and sources of supply are declining	50% of the cost of cultivation
Other species in demand by AYUSH industry and for exports	30% of the cost of cultivation

**(d) & (e):** The details of State-wise fund sanctioned and released from the Financial Year 2015-16 to 2020-21 for medicinal plants component under National Ayush Mission (NAM) Scheme is at **Annexure-III**.



## Annexure –I

## List of Rare species of medicinal plants documented in Andhra Pradesh:

Sl. No.	Botanical Name	Family	Status
1.	<i>Crateva adansonii</i> DC ssp. <i>odora</i> (Buch.-Ham.) Jacobs.	Capparaceae	Vulnerable
2.	<i>Boswellia ovalifoliolata</i> Bal. & Henr.	Burseraceae	Vulnerable
3.	<i>Goiania leptostachya</i> DC.	Rhamanaceae	Rare
4.	<i>Saraca asoca</i> (Roxb.) de Wilde	Fabaceae	Rare
5.	<i>Peucedanum dhana</i> Ham.	Apiaceae	Rare
6.	<i>Embelia ribes</i> Burm. f.	Myrsinaceae	Rare
7.	<i>Rauwolfia serpentina</i> (L.) Benth. ex Kurz.	Apocynaceae	Rare
8.	<i>Decalepis hamiltonii</i> Wt. & Arn.	Apocynaceae	Rare
9.	<i>Leptadenia reticulata</i> (Retz.) Wt. & Arn.	Apocynaceae	Rare
10.	<i>Marsdenia tenaessima</i> (Roxb.) Moon	Apocynaceae	Rare
11.	<i>Oroxylum indicum</i> (L.) Vent.	Bignoniaceae	Vulnerable

## Annexure-II.

### State/UT-wise details of projects supported on Survey, identification, and characterization aspect based research activities on various medicinal plants during last 05 years under Central Sector Scheme on Conservation, Development and Sustainable Management of Medicinal Plants'

State/UT	Project title and agency detail
Assam	<p>‘Critical appraisal and validation of Local Health Traditions (LHTs), Oral Health Traditions (OHTs) and Ethno Medicinal Practices (EMPs): An inclusive study among Ethnic communities of Northeast India’.</p> <p>Central Ayurveda Research Institute (CARI), Guwahati (Assam), Borsojai, PO- Beltola, Guwahati, Kamrup (M), Assam- 781028</p>
	<p>Identification and Development of High Yielding Varieties of <i>Kaempferia galanga</i>: A High Value Endangered Medicinal Plant.</p> <p>Council of Scientific and Industrial Research (CSIR)- North East Institute of Science &amp; Technology (NEIST) P.O. RRL Jorhat 785006, Assam</p> <p>Plant species: <i>Kaempferia galanga</i></p>
New Delhi	<p>‘Collection, Characterization and Conservation of <i>Bunium persicum</i>: an Endangered Plant Species’.</p> <p>Tissue Culture and Cryopreservation Unit, ICAR- National Bureau of Plant Genetics Resources, New Delhi- 110012.</p> <p>Plant selected: <i>Bunium persicum</i></p>
Himachal Pradesh	<p>‘Survey, mapping, development of cultivation techniques, evaluation of selected germplasm and economics of <i>Fritillaria roylei</i> Hook.f., (Kakoli) an important plant of the Ashtavarga Group of Medicinal and Aromatic Plants’.</p> <p>Himalayan Forest Research Institute, Conifer Campus Panthaghati, Shimla- 171013.</p> <p>ICAR- NBPGR, Regional Station, Phagli, Shimla, H.P., 171004.</p> <p>Plants selected:- <i>Fritillaria roylei</i></p>
	<p>‘Survey, Selection, Phyto-chemical Evaluation, Cytogenetical Characterization and Multi-location testing of Harar (<i>Terminalia chebula</i> Rets) in India’.</p> <p>College of Horticulture and Forestry, Dr. YS Parmar University of Horticulture and Forestry, Nauni, Solan-177001.</p> <p>Plant species: <i>Terminlia chebula</i> Rets</p>
	<p>‘Development of geo-tagged digital database and spectral library of medicinal plants in protected cultivation in the foot hills of Western Himalayas’.</p>

	Department of High Altitude Biology (HAB) Division, Palampur, Himachal Pradesh-176061.
Karnataka	<p>‘Identification of elite types, Molecular Characterization and Conservation of Highly-traded and threatened Medicinal Plants in the Central Western Ghats’.</p> <p>Plant species: <i>Coscinium fenestratum</i>, <i>Embelia ribes</i>, <i>Salacia oblonga</i> and <i>Mappia foetida</i>.</p> <p>College of Forestry, UAS Dharwad, SIRSI, Uttra Kannada, Karnataka - 581401, telephone: 9448933680.</p> <p>Ashoka Trust for Research in Ecology and the Environment Conservation Genetics Lab, Royal Enclave Srirampura, Jakkur PO Bengaluru 560064 (ATREE) telephone: 09448182477,</p>
Kerala	<p>‘Germplasm conservation and Phytochemical evaluation of <i>Adhatoda beddomei</i> C.B.Cl. (Cittaadalotakam)’.</p> <p>Department of Botany, University of Kerala, Kariavattom, pin-695581, Thruvananthapuram.</p> <p>Plant species: <i>Adhatoda beddomei</i></p>
	<p>Genetic stock development, standardization of good agricultural practices (GAPs) and market analysis of <i>Pseudarthria viscida</i> (L.)- a red listed high volume trade medicinal plant.</p> <p>Kerala Agriculture University, KAU P.O , Thrissur, Kerala</p> <p>Plant species: <i>Pseudarthria viscida</i></p>
Madhya Pradesh	<p>‘Germplasm collection and bio-molecular characterization of Black Turmeric (<i>Curcuma Caesia Roxb.</i>)’</p> <p>Jawaharlal Nehru KrishiVishwaVidhalya, Jabalpur, Madhya Pradesh-482004</p> <p>Plant species : <i>Curcuma caesia Roxb</i></p>
Rajasthan	<p>‘Exploration and Documentation of Ethno-medicinal Practices of Rural and Tribal Population of Rajasthan’.</p> <p>Department of Food and Biotechnology, JyotiVidyapeeth Women’s University, Jaipur – 303122, Rajasthan</p> <p>Plant species:</p> <p>1. Khairkatha (<i>Acacia catechu</i> (L.f) Willd. 2. Dokanta (<i>Acanthos permumhispidum</i>) DC. 3. AndhiJhara (<i>Achyranthes aspera</i> L.) 4. Danteli (<i>Barleriaprionitis</i> L) 5. Akra (<i>Calotropis procera</i> (Ait) R. Br.) 6. Kair [<i>Capparis decidua</i> (Forsk.) Edgew.] 7. Dholimusali (<i>Chlorophytum tuberosum</i>)</p>
	<p>Survey, Inventorisation, Documentation, Propagation and Conservation of rare, endangered and threatened medicinal plants of Arid and Semi Arid Regions.</p> <p>AFRI, New Pali Road, Jodhpur-342005</p> <p>JNV-University, Jodhpur-342005</p>

West Bengal	<p data-bbox="448 286 1366 398">‘Medicinal orchid: A step towards population for commercial cultivation through collection, conservation and multiplication in Himalayan region of Darjeeling and Sikkim Himalayas’.</p> <p data-bbox="448 398 1366 510">Department of Genetics and Plant breeding &amp; Plant Breeder, Uttar BangaKrishiViswaVidyalaya (UBKV), Regional Research Satation (HZ), Kalimpong, Darjeeling, West Bengal -734301.</p>
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**Annexure-III****The State/UT-wise status of funds allocated and released for medicinal plants component under NAM (2015-16 to 2020-21)****(Rs. in Lakhs)**

<b>S. No.</b>	<b>State</b>	<b>Fund approved</b>	<b>Fund released</b>
1.	Andhra Pradesh	1246.306	787.918
2.	Arunachal Pradesh	246.254	194.854
3.	Assam	702.611	632.350
4.	Bihar	287.201	172.321
5.	Chhattisgarh	438.700	263.220
6.	Gujarat	848.014	508.808
7.	Goa	102.739	61.643
8.	Haryana	120.867	72.520
9.	Himachal Pradesh	500.287	456.456
10.	Jammu & Kashmir	395.926	339.307
11.	Karnataka	1233.653	781.353
12.	Kerala	1086.987	690.149
13.	Madhya Pradesh	3072.130	1585.179
14.	Maharashtra	969.991	581.994
15.	Manipur	337.082	309.454
16.	Meghalaya	181.524	163.372
17.	Mizoram	276.109	235.283
18.	Nagaland	341.365	273.260
19.	Orissa	278.862	167.317
20.	Punjab	339.033	203.420
21.	Puducherry	25.583	23.025
22.	Rajasthan	1881.410	1162.905
23.	Sikkim	129.606	97.660
24.	Tamil Nadu	1104.307	662.584
25.	Telangana	731.463	472.273
26.	Tripura	83.944	79.156
27.	Uttar Pradesh	3108.794	1871.464
28.	Uttarakhand	643.745	585.417
29.	West Bengal	1134.985	680.991
	<b>Total</b>	<b>21849.478</b>	<b>14115.653</b>

**GOVERNMENT OF INDIA  
MINISTRY OF AYUSH**

**LOK SABHA**  
**UNSTARRED QUESTION NO. 295**  
**ANSWERED ON 3<sup>rd</sup> FEBRUARY, 2023**

**AYUSH Wellness Centres**

295. SHRI KRIPANATH MALLAH:

Will the Minister of AYUSH be pleased to state:

- (n) the salient features of AYUSH Wellness Centres;
- (o) the number of functional AYUSH Wellness Centres in Assam;
- (p) the targets set and achievements made so far for setting up the AYUSH Wellness Centres across the country along with its impact on health facilities;
- (q) the steps taken/being taken by the Government to increase the popularity of AYUSH medicines in the country;
- (r) whether the Government has a plan to establish more AYUSH Wellness Centres in the country; and
- (s) if so, the details thereof?

**ANSWER**  
**THE MINISTER OF AYUSH**  
**(SHRI SARBANANDA SONOWAL)**

- (d) The Union Cabinet approved the proposal to operationalize 12,500 AYUSH HWCs (AHWCs) through State/UT Governments under the broad umbrella of the Centrally Sponsored Scheme of the National AYUSH Mission (NAM) in a phased manner from the year 2019-20 to 2023-24. The salient features of AYUSH wellness centres are furnished in **Annexure-I**
- (e) Under the Centrally Sponsored Scheme of the National AYUSH Mission, as per the proposals received from State/UT Governments including Assam, a total of 12,500 health facilities are approved for upgradation as AYUSH HWCs in the State/UT Governments. However, grant-in-aid has been released for 9,108 units. As per the reports received from States/UTs, 5527 AYUSH HWCs have been made functional till date. The State/UT wise status of approved and functional AHWCs including Assam is furnished in **Annexure-II**.
- (f) Since, the scheme implementation comes under the purview of State/UT Governments; no target is being fixed by Government of India. However as per the report submitted by the State/UT Government, patients are visiting AHWCs and getting comprehensive primary health care as per the AYUSH principles and practices which also include yoga sessions conducted at the dispensary level as well as community.
- (d) Ministry of Ayush is implementing the Centrally Sponsored Scheme of National AYUSH Mission (NAM) through State/UT Governments to increase the popularity of AYUSH

medicines in the Country and providing financial assistance to them as per the proposals received in their State Annual Action Plans (SAAPs). The Mission inter-alia makes provision for the following: -

- xiii. AYUSH Health & Wellness Centres
- xiv. Co-location of AYUSH facilities at PHCs, CHCs and DHs
- xv. Up-gradation of existing standalone Government AYUSH Hospitals
- xvi. Up-gradation of existing Government/Panchayat/Government aided AYUSH Dispensaries/Construction of building for existing AYUSH Dispensary (Rented/dilapidated accommodation)/Construction of building to establish new AYUSH Dispensary
- xvii. Setting up of up to 10/30/50 bedded integrated AYUSH Hospitals
- xviii. Supply of essential drugs to Government AYUSH Hospitals, Government Dispensaries and Government/Government aided Teaching Institutional AYUSH Hospitals
- xix. AYUSH Public Health Programs
- xx. Behaviour Change Communication (BCC)
- xxi. Mobility support at State and District level
- xxii. AYUSH Gram
- xxiii. Infrastructural development of AYUSH Under-Graduate Institutions
- xxiv. Infrastructural development of AYUSH Post-Graduate Institutions/ add on PG/ Pharmacy/Para-Medical Courses

State/UT Government may avail financial assistance by submitting proposals through State Annual Action Plan (SAAP) as per NAM guidelines.

(e) to (f) Public Health being the State subject, opening wellness centres in the country comes under the purview of respective State/UT Governments. However, under NAM, financial assistance is provided to State/UT Governments for upgrading AYUSH dispensaries and sub health centres into AYUSH HWCs. Accordingly, State/UT Governments may avail financial assistance by submitting suitable proposals through State Annual Action Plans (SAAPs) as per NAM guidelines.

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## **Annexure-I**

### **Salient Features of AYUSH Health & Wellness Centres (AHWCs)**

#### **Background:**

The Union Cabinet approved the proposal to operationalize 12,500 AYUSH HWCs through State/UTs in Centrally Sponsored Scheme mode and under the broad umbrella of the National AYUSH Mission (NAM) in a phased manner from the year 2019-20 to 2023-24.

#### **Vision**

- To establish a holistic wellness model based on AYUSH principles and practices.

#### **Objectives**

- To provide comprehensive primary healthcare through AYUSH using a team-based approach
- To establish a holistic wellness model based on AYUSH principles and practices focusing on preventive, promotive, curative and rehabilitative healthcare by establishing integration with existing public healthcare systems
- To provide informed choice to the needy public by making AYUSH services available.

#### **Strategy of Implementation**

The Ministry of AYUSH has been given the task of developing 12,500 HWCs under Ayushman Bharat. This will be achieved in a phased manner through State Governments and Union Territories. The funding will be through the Centrally Sponsored Scheme of National AYUSH Mission (NAM).

The Ministry of AYUSH, in consultation with States/UTs and the Ministry of Health & Family Welfare has proposed two following models for up-gradation as AYUSH Health and Wellness Centres:



- iii. Up-gradation of AYUSH dispensaries
- iv. Up-gradation of existing sub health centres (SCs)

The funding for both the above models would be through National AYUSH Mission. The responsibility to upgrade and operationalize AYUSH dispensaries will rest with the Department of AYUSH. The upgraded Sub Health Centres will be operationalized by the State health departments and the fund flow in this case will be made from State AYUSH society to State health society.

## Annexure-II

### State/UT wise status of approved and functional AYUSH HWCs

Sl. No.	Name of the States/UTs	Total No. of approved AYUSH HWCs	Total No. of approved AYUSH HWCs (GIA released)	Functional AYUSH HWCs
1	Andaman & Nicobar Island	6	6	6
2	Andhra Pradesh	203	110	126
3	Arunachal Pradesh	89	89	36
4	Assam	489	89	106
5	Bihar	388	268	83
6	Chandigarh	12	12	5
7	Chhattisgarh	400	240	240
8	Delhi	0	0	0
9	Dadra Nagar Haveli and Daman Diu	1	0	0
10	Goa	74	40	9
11	Gujarat	365	365	231
12	Haryana	569	569	365
13	Himachal Pradesh	740	740	240
14	Jammu & Kashmir	442	442	317
15	Jharkhand	745	267	249
16	Karnataka	376	376	176
17	Kerala	520	520	208
18	Ladakh	14	14	0
19	Lakshadweep	7	7	7
20	Madhya Pradesh	762	562	362

21	Maharashtra	390	294	281
22	Manipur	67	17	14
23	Meghalaya	45	45	0
24	Mizoram	38	38	24
25	Nagaland	49	49	4
26	Odisha	422	250	245
27	Puducherry	4	4	4
28	Punjab	217	217	0
29	Rajasthan	2019	1000	484
30	Sikkim	18	18	18
31	Tamil Nadu	650	350	250
32	Telangana	421	421	421
33	Tripura	84	84	0
34	Uttar Pradesh	1034	1034	552
35	Uttarakhand	300	300	193
36	West Bengal	540	271	271
<b>Total</b>		<b>12500</b>	<b>9108</b>	<b>5527</b>

**GOVERNMENT OF INDIA  
MINISTRY OF AYUSH**

**LOK SABHA  
UN-STARRED QUESTION NO-299  
FOR 03.02.2023**

**SETTING UP OF YOGA INSTITUTES**

299. **SHRI ANTO ANTONY:**

Will the Minister of **Ayush** be pleased to state:

- a. whether the Government is setting up yoga institutes in the country;
- b. if so, the number of yoga institutes functioning in the country in Government and private sector presently, State-wise,
- c. whether the Government is providing financial support to State Governments and private sector for setting up of yoga institutes; and
- d. if so, the details of such assistance provided during the last five years, year-wise, State-wise and Institute-wise?

**ANSWER**

**THE MINISTER OF AYUSH**

**(SHRI SARBANANDA SONOWAL)**

**(a) & (b):** Since public health is a State subject, setting up of Yoga institutes comes under the purview of State/ UT Governments. Ministry of Ayush promotes Yoga activities in the country through its two autonomous bodies namely Morarji Desai National Institute of Yoga (MDNIY), New Delhi and Central Council for Research in Yoga & Naturopathy (CCRYN), New Delhi. MDNIY provides various courses for Yoga education and imparts Yoga training through its centres. CCRYN is the apex body for research and development in the Yoga and Naturopathy systems. The details of activities and programs of MDNIY and CCRYN are available on the websites i.e. [yogamdniy.nic.in](http://yogamdniy.nic.in) and [www.ccryn.gov.in](http://www.ccryn.gov.in) respectively.

**(c) to (d):** Ministry is implementing the Centrally Sponsored Scheme of National Ayush Mission (NAM) through State/UT Governments for the development & promotion of different Ayush systems (including Yoga) in the country and providing financial assistance to them as per the proposals received in their State Annual Action Plans (SAAPs). State/UT Governments may avail financial assistance by submitting proposals through State Annual Action Plans (SAAPs) as per NAM guidelines.

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**GOVERNMENT OF INDIA**

**MINISTRY OF AYUSH**

**LOK SABHA**

**UNSTARRED QUESTION NO 317 FOR 03.02.2023**

**“SUPOSHIT BHARAT”**

**317. SHRIMATI JASKAUR MEENA**

Will the Minister of AYUSH be pleased to state:

- (a) whether the Government is working in coordination with the Ministry of Women and Child Development to achieve the ultimate goal of 'SUPOSHIT BHARAT' under the POSHAN Abhiyan;
- (b) if so, the details thereof;
- (c) whether the Government is contemplating to promote AYUSH based diet across the country under the said initiative and, if so the details thereof;
- (d) the estimated amount proposed for the said purpose;
- (e) the details of the targets fixed under the said scheme; and
- (f) the time by which the said initiative is likely to be implemented?

**ANSWER**

**THE MINISTER OF AYUSH**

**(SHRI SARBANANDA SONOWAL)**

**(a) and (b)** Yes.

The Ministry of Ayush is knowledge partner with the Ministry of Women and Child Development in the Poshan Abhiyan to achieve the ultimate goal of ‘SUPOSHIT BHARAT’; and actively participated in this program and celebrates Poshan Pakhwada and Poshan Maah every year since year 2018. Ministry of Ayush, in order to provide technical guidance and support based on the Ayush principles of regional and seasonal variations in the body and considering the local preferences, has developed advisory for preferred food and dietary items to address Kuposhan Mukh Bharat, which include general dietary advisory, advisory for pregnant women, lactating mothers, children, specific recommendations for anaemia in pregnancy and malnourished children which have been shared with Ministry of Women and Child Development. The same has been endorsed by MoWCD to all States. Ministry of Ayush has developed four yoga modules for the beneficiaries of Anganwadi Services- yoga module for children of age 3 to 6 years, for adolescent girls, for pregnant ladies and for lactating mothers. These modules have been provided to all Integrated Child Development Services (ICDS) functionaries and Anganwadi workers for training / further dissemination to the beneficiaries.

The Government of India has approved “Saksham Anganwadi and Poshan 2.0”- an Integrated Nutrition Support Programme scheme of Ministry of Women and Child Development during the 15<sup>th</sup> Finance Commission period 2021-22 to 2025-26. “The common core” of Saksham Anganwadi and Poshan 2.0 center on maternal nutrition, infant and young child feeding norms, treatment protocols for Severe Acute Malnutrition / Moderate Acute Malnutrition and Wellness through Ayush practices to reduce wasting and underweight prevalence besides stunting and anemia.

**(c),(d),(e) and (f)** Yes.

Mission POSHAN 2.0 including PoshanAbhiyaan has a total financial implication of ₹1,81,703 crore, comprising ₹1,02,031 crore as Central share and ₹79,672 crore as State share. Poshan 2.0 shall focus on Maternal Nutrition, Infant and Young Child Feeding Norms, Treatment of MAM/SAM and Wellness through AYUSH. It will rest on the pillars of Convergence, Governance, and Capacity-building. Poshan Abhiyan will be the key pillar for Outreach and will cover innovations related to nutritional support, ICT interventions, Media Advocacy and Research, Community Outreach and Jan Andolan. Mission Poshan 2.0 will integrate several key strategies

to fulfil its objectives, viz., Corrective strategies, Nutrition Awareness strategies, Communication strategies and Creation of green eco-systems.

**GOVERNMENT OF INDIA  
MINISTRY OF AYUSH**

**LOK SABHA  
UNSTARRED QUESTION NO. 318  
TO BE ANSWERED ON 03<sup>rd</sup> FEBRUARY, 2023**

**“Indigenous Medicines of AYUSH”**

**318. DR. UMESH G. JADHAV:  
SHRI SHA.BRA.DR.JAI SIDDESHWAR SHIVACHARYA MAHASWAMIJI:  
SHRI SANGANNA AMARAPPA:**

Will the Minister of AYUSH be pleased to state:

- (a) whether the Government has recognised the indigenous medicines of AYUSH for the treatment and cure for various types of Liver, Spleen and Lung ailments;
- (b) if so, the details thereof and their current list of approved AYUSH medicines;
- (c) whether the Government has taken adequate measures to provide approval for new AYUSH medicines for such ailments; and
- (d) if so, the detailed list of such AYUSH Medicines registered for approval, got approved/ rejected and pending for approval during the last five years and the current year?

**ANSWER  
THE MINISTER OF AYUSH  
(SHRI SARBANANDA SONOWAL)**

(a) and (b) Yes Sir, Ministry of Ayush, Government of India has recognized the indigenous medicines of Ayush systems for the treatment for various types ailments including Liver, Spleen and Lung ailments. Ministry of Ayush has published National List of Essential AYUSH Medicines (NLEAM) in January, 2022. It comprises of essential Ayurveda, Unani, Siddha and Homoeopathy medicines along with their reference text, main disease indications, dose, precaution/ contraindication.

- i. Central Council for Research in Ayurvedic Sciences (CCRAS) under Ministry of Ayush has undertaken various clinical studies in the management of Liver and Lungs ailments. The details are at **Annexure-I**.

- ii. Central Council for Research in Unani Medicine (C.C.R.U.M.) under Ministry of Ayush has undertaken one in-vitro study on liver cancer in collaboration with Amity Institute, Noida.
- iii. All India Institute of Ayurveda (AIIA), New Delhi under Ministry of Ayush is running specialty clinic in Gastrointestinal and Lung disorders and using the classical Ayurveda preparations for managing these cases, based on the principles of Ayurveda.
- iv. List of approved Ayush medicines provided by Directorate of Ayush, Karnataka are at **Annexure-II**.

(c) and (d) Yes sir. As prescribed in Drugs and Cosmetics Act 1940 and Rules 1945 made thereunder, enforcement of the legal provisions pertaining to Quality Control and issuance of drug license of Ayurveda, Siddha, Unani and Homoeopathy drugs, is vested with the State Drug Controllers/ State Licensing Authorities appointed by the concerned State/ Union Territory Government. Rule 158-B in the Drugs and Cosmetics Rules, 1945 provides the regulatory guidelines for issue of license to manufacture Ayurvedic, Siddha, Unani medicines and Rule 85 (A to I) in the Drugs and Cosmetics Rules, 1945 provides the regulatory guidelines for issue of license to manufacture Homoeopathy medicines. It is mandatory for the manufacturers to adhere to the prescribed requirements for licensing of manufacturing units & medicines including proof of safety & effectiveness, compliance with the Good Manufacturing Practices (GMP) as per Schedule T & Schedule M-I of Drugs and Cosmetics Rules, 1945 and quality standards of drugs given in the respective pharmacopoeia.

As per the information received from State/UT government, the details of AYUSH Medicines for Liver, Spleen and Lung ailments registered for approval, got approved/ rejected and pending for approval during the last five years and the current year are at **Annexure –III**.

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## **Annexure I**

### **Details of Clinical Research studies undertaken by the Council in Liver and Lung ailments**

- Double blind randomized controlled clinical trial of coded drug AYUSH-QOL2C for improvement of Quality of Life in Lung cancer patients as an adjuvant to chemotherapy/radiotherapy: Completed
- Clinical efficacy and safety of Arogyavardhini Vati and Pippalyadasava in the management of Non-Alcoholic Fatty Liver Disease (NAFLD)- An open label prospective clinical trial : Ongoing
- Evaluation of Ayush-GMH in the subjects of mild to moderate Non alcoholic fatty liver disease (NAFLD)-A double blind randomized control clinical study : Ongoing
- Evaluation of Hepatoprotective activity of PTK as an add on therapy in the patients of Tuberculosis on ATT - A Double Blind Randomized control clinical study : Ongoing
- Randomized double blind placebo controlled clinical study Ayurvedic coded drug AYUSH-A in the management of Bronchial Asthma (Tamaka Shwasa) : Ongoing
- Assessment of therapeutic efficacy and safety of Sitopaladi Churna with Madhu in the management of Kasa (Stable Chronic Bronchitis) : Completed
- Clinical efficacy of Talisadi Churna in the management of Kasa (Stable Chronic Bronchitis) : Completed
- Clinical Evaluation of Kantakaryavaleha and Eladi Gutika in the Management of Mild Stable Bronchial Asthma (Tamaka Shwasa) : Completed
- Clinical Evaluation of Eladi Churna and Draksharishta in the management of Kasa (Stable Chronic Bronchitis) : Completed
- Clinical Evaluation of Chitraka Haritaki and Lavangadi Vati in the management of Kaphaj Kasa (Stable Chronic Bronchitis) : Completed
- Clinical evaluation of Agashtya Haritaki Rasayana and Apamarga Kshara in the management of Mild Stable Bronchial Asthma (Tamaka Shwasa) : Completed



**Annexure-II****Spleen Ailments**

1. Arogyavardhani (classical)
2. Mahasudarshan Gana Vati (classical)
3. Mahasudarshan Kadha (classical)
4. Punarnava Mandoora (classical)
5. Punarnavasav (classical)
6. Talisadi Churna
7. Bhaskara Lavana churna
8. Panchakoladi Churna
9. Pippali Churna
10. Haemax Tablets
11. Haemax Forte Capsule
12. Maxifer Tablets
13. Maxifer Forte Capsule
14. Livact capsule,
15. Livact Syrup
16. Pittarechaka Kwatha
17. Punarnavasava,
18. Khadirarishta
19. Talisadi Choorna
20. Punarnavasava,
21. Khadirarishta
22. Talisadi Choorna
23. Kalamegha Strong
24. Punarnavasava
25. Talisadi Choorna
26. Arogyavardhini
27. VatiExol Syrup
28. Kalamegha Plus,
29. Punarnavasava,
30. Khadirarishta
31. Talisadi Choorna
32. Punarnavadyasava
33. Punarnavasava,
34. Khadirarishta

**Liver Ailments**

1. Arogyavardhani (classical)
2. Kumari Asava (classical)
3. Mahasudarshan Kadha (Classical)
4. Mahasudarshan Gana Vati (classical)
5. Punarnava Mandoora (classical)
6. Punarnavasav (classical)
7. Vimliv Fortified Syrup ( P & P)
8. Vimliv Tablet ( P & P)
9. Vimliv Fortified Tablet ( P & P)
10. Curliv Tablet ( P & P )
11. Shalivtone Syrup
12. Beliv Liquid
13. Beliv Tablet
14. Caproliv Syrup
15. Hepacap Capsules
16. Livjandc Syrup
17. Punarnavadi Kwatha Churna
18. Rasnaerandadi Kwatha Churna
19. Boostaliv syrup
20. livobrit syrup
21. livobrit tablet
22. Vasa aquous extract (Kamala)
23. Guduchi aquous extract (Kamala)
24. Zigbo bolus
25. Zigbo liquid
26. Roboliv
27. Zigbo strong liquid
28. Livozone Tablets
29. Livozone Forte Capsule
30. Livozone Syrup
31. Beliv Liquid
32. Beliv Tablet
33. Liv. 52 Tablets
34. Liv. 52 GNX Tablets

**Lungs Ailments**

1. Kanakasav (classical)
2. Kaphakuthar Rasa (classical)
3. Kas Shwas Hari Rasa ( P & P)
4. Mincof Cough Syrup ( P & P)
5. Nirocil Tablet ( P & P)
6. Honicof Syrup ( P & P)
7. Shankof Syrup
8. Broncap Capsules
9. Broncof Syrup
10. Broncof Syrup Sugar Free
11. CL-Respgran Granules
12. Respocap Capsule
13. Respero Cough Syrup
14. Mahim-6 Capsules
15. Jeevaneeyam
16. Amrutha Sanjeevini Tablet
17. Amrutha Sanjeevini Kashaya Churna
18. Kash Chew
19. Sitophaladi Churna
20. Talesadi Churna
21. Bhaskara Lavana Churna
22. shwagandh Churna
23. Gokshura Churna
24. Punarnavadi Kwatha Churna
25. Guduchi Satva Churna
26. Musta Churna
27. Pippali Churna
28. EladiChurna
29. Centella asiatica Powder
30. Ocimum tenuiflorum powder
31. Haritaki Aquous extract
32. Sirisa Aquous extract
33. Vasa Aquous extract
34. Zingiber officinale powder

- |                                    |                           |  |
|------------------------------------|---------------------------|--|
| 35. Talisadi Choorna               | 35. Liv. 52 Capsules      | 35. Natcof Liquid                                |
| 36. Yogaraja Guggulu tablet,       | 36. Liv. 52 Syrup         | 36. Asmane Forte Capsule                         |
| 37. Chandraprabha Vati tablet,     | 37. Liv. 52 Drops         | 37. Asmane Syrup                                 |
| 38. Kasisa Bhasma,                 | 38. Liv.52 SF Liquid      | 38. Maxcof Chewable Tablets                      |
| 39. Mandura Bhasma,                | 39. Liv.HB Capsules       | 39. Maxcof Syrup                                 |
| 40. Mandura Bhasma,                | 40. Livercare Capsule     | 40. Pulmoboost                                   |
| 41. Punarnavadi Mandura<br>Tablet  | 41. Livercare Liquid      | 41. Lungcare                                     |
| 42. udarshana Choorna -<br>Tablet, | 42. For Veterinary use    | 42. Aceso cough syrup                            |
| 43. Arka Lavana,                   | 43. Liv. 52 Pet Liquid    | 43. Sage-X                                       |
| 44. Khadirarishta,                 | 44. Liv. 52 vet Liquid    | 44. Imunedge-5+ caps / Syrup                     |
| 45. Lavangasava,                   | 45. Liv. 52 Vet Drops     | 45. Woox Chewable Tablets                        |
| 46. Lodhrasava,                    | 46. Liv.52 Vet Bolus      | 46. Woox Syrup                                   |
| 47. Lohasava,                      | 47. Gr8 Liv caps / Syrup  | 47. Myvir Tablets                                |
| 48. Punarnavasava                  | 48. Liraphis Plus Tablets | 48. Myvir Syrup                                  |
|                                    | 49. Liraphis Plus Syrup   | 49. Shwasa calm Caps                             |
|                                    | 50. Liver Health support  | 50. Swasatone Leha                               |
|                                    | 51. HEPATOLIV TABLETS     | 51. Swasashakti Leha                             |
|                                    | 52. Liv-on                | 52. Vasakasava                                   |
|                                    | 53. Liv - 4               | 53. Sitopaladi churna                            |
|                                    | 54. Livcare               | 54. Talisadi churna                              |
|                                    | 55. Gr8 Liv caps / Syrup  | 55. Swasakuthara rasa                            |
|                                    | 56. Liraphis Plus Tablets | 56. Asthamel -C Syrup                            |
|                                    | 57. Liraphis Plus Syrup   | 57. Asthamel Syrup                               |
|                                    | 58. Liver Health support  | 58. Asthamel Drops                               |
|                                    | 59. HEPATOLIV TABLETS     | 59. Asthamel -C Capsules                         |
|                                    | 60. Safe-Liv              | 60. Pushkaramoolasava &<br>Kanakasava            |
|                                    | 61. LIVE WEL SYRUP        | 61. Pulmotone syrup                              |
|                                    | 62. LIVE WEL Capsules     | 62. Munistamine Tab& Syr                         |
|                                    | 63. ArogyavardhiniVati    | 63. Munistamine plus tab                         |
|                                    | 64. Chandraprabhavati     | 64. Yakshamantaka vati                           |
|                                    | 65. Kumaryasava           | 65. Muniyal laghju<br>soothamishrana             |
|                                    | 66. Litoc Syrup           | 66. Seethopaladi choorna                         |
|                                    | 67. Litoc Capsules        | 67. thaleesadi Choorna,                          |
|                                    | 68. Litoc Drops           | 68. Shivagutika & Kanaka kalpa                   |
|                                    | 69. Tab Yakruatankush     | 69. Shwasa Kasa Hara Gana-Ghana<br>(Skg) kashaya |
|                                    | 70. Katuki Churna         | 70. Pushakaramoolasava,                          |
|                                    | 71. Bhringaraj            | 71. Kanakasava,                                  |
|                                    | 72. Bhunimba              | 72. Pippalyadyasava,                             |
|                                    | 73. Yavakshar             | 73. Vasakarishhta,                               |
|                                    | 74. Pippali               | 74. Dashamoola katutrayadi<br>kashaya,           |
|                                    | 75. Mustha                | 75. Kasa abhaya syrup,                           |
|                                    | 76. Guduchi               | 76. Bhargavaprokta rasayana,                     |

- |   |                                  |
|---|----------------------------------|
| 77. Saindavalavana                              | 77. Chyavanaprasha leha,         |
| 78. Chitraka                                    | 78. Swasa Kasa Chintamani Rasa   |
| 79. Apamarga                                    | 79. Kushta capsule,              |
| 80. Bhumyamalaki                                | 80. Mahalakshmvilasa Rasa tablet |
| 81. Harithaki                                   | 81. Shwasa kuthara rasa tablet,  |
| 82. Bibitaki                                    | 82. rjunarishta, Lohasava        |
| 83. amalaki                                     | 83. Kasahara,                    |
| 84. Sariva                                      | 84. Pushkaravasa                 |
| 85. Amrut Liv (Capsule)                         | 85. Arjunarishta,                |
| 86. Pippali Moola Churna                        | 86. Dashamoolarishta,            |
| 87. Gudduchi Churna                             | 87. Draksharishta,               |
| 88. Trivrit Moola Churna                        | 88. Kanakasava                   |
| 89. Punarnava Churna                            | 89. Khadirarishta,               |
| 90. Arogyavardhini Vati                         | 90. Kumari Asava,                |
| 91. Sanjeevani Vati                             | 91. Pushkaramoolasava,           |
| 92. Samshamani Vati                             | 92. vasakarishtha,               |
| 93. Phalatrikadi kwath<br>Churna                | 93. Dhanwantari Vati             |
| 94. Exol Syrup                                  | 94. Talisadi Choorna             |
| 95. Exol Tab                                    | 95. Arjunarishta,                |
| 96. Heparil syrup                               | 96. Dashamoolarishta,            |
| 97. Livobeam Syrup, Capsule<br>& tablet         | 97. Draksharishta,               |
| 98. livin-18 Capsule                            | 98. Kanakasava,                  |
| 99. Liver Detox Tea                             | 99. Khadirarishta,               |
| 100. Livo-G Syrup &<br>Kalameghasava            | 100. Kumari Asava,               |
| 101. Liv Up Tablets                             | 101. vasakarishtha,              |
| 102. Livocare Capsules &<br>Arogyavardhini vati | 102. Dhanwantari Vati            |
| 103. Kamilahar Syrup                            | 103. Talisadi Choorna            |
| 104. Phalantus syrup                            | 104. Dashamoolarishta,           |
| 105. Muniliv                                    | 105. Draksharishta,              |
| 106. Muniliv+ Tablets&<br>Syrup                 | 106. Kumari Asava,               |
| 107. Bhumiamalaki Tablest                       | 107. Dhanwantari Vati            |
| 108. Livact capsule,                            | 108. Talisadi Choorna            |
| 109. Livact Syrup                               | 109. Kushmanda Paka,             |
| 110. Pittarechaka Kwatha,                       | 110. Sudarshana Choorna,         |
| 111. Arogyavardhini vati                        | 111. Arjunarishta,               |
| 112. Arogyavardhini rasa<br>tablet,             | 112. Dashamoolarishta,           |
| 113. Jahara mohara Pishti,                      | 113. Draksharishta,              |
| 114. Chandraprabha Vati<br>tablet,              | 114. Kanakasava,                 |
| 115. Mandura Bhasma,                            | 115. Khadirarishta,              |
| 116. Manibhadra guda<br>granule,                | 116. Kumari Asava                |

117.	Dhatri loha tablet,	117.	Pushkaramoolasava,
118.	Maha tiktaka kashaya	118.	vasakarishtha
119.	Maha tiktaka kashaya	119.	Amritaprash,
	vati,		
120.	Maha tiktaka ghrita,	120.	Chyavanaprash,
121.	Sudarshana Choorna -	121.	Dhanwantari Vati,
	Tablet,		
122.	Dashamoolarishta,	122.	Dashamoola kwatha
			Choorna
123.	Lavangasava,	123.	Dashamoola Katutraya,
124.	Punarnavasava Patola	124.	Talisadi Choorna
125.	katurohinyadi kashaya	125.	Trikatu Choorna
126.	L-tone Syrup	126.	Respikot tablet,
127.	Kumariasava	127.	Respikot Syrup
128.	Punarnavasava	128.	Vasakot syrup
129.	Punarnavasava,	129.	&Vasakot syrup SF
130.	Bhringarajasava	130.	Talisule granule
131.	Kumari Asava	131.	Chyavanules granules
132.	Punarnavasava, &	132.	Arjunarishta,
133.	Kumari Asava	133.	Dashamoolarishta,
134.	Kalamegha Strong	134.	Kanakasava,
135.	Punarnavasava	135.	Khadirarishta,
136.	Kumari Asava	136.	Kumari Asava,
137.	Kalamegha Plus,	137.	vasakarishtha
138.	Punarnavasava	138.	Talisadi Choorna
139.	Kumariasava,	139.	Antribron caps
140.	Livokot Tab		
141.	Punarnavasava		
142.	Diobliv Capsule		

**Annexure-III**

S.no.	Name of the State/UT	<b>Details of AYUSH Medicines for Liver, Spleen and Lung ailments registered for approval, got approved/ rejected and pending for approval during the last five years and the current year</b>				
27.	Tamil Nadu	Year	No. of ASU application received	No. of ASU application approved	No. of ASU pending application	No. of ASU rejected application
		2018	40	33	-	7
		2019	24	22	-	2
		2020	45	40	2	3
		2021	37	32	4	-
		2022	64	60	4	-
28.	Odisha	One Ayurvedic Proprietary Medicine “Yakrit Kalyan” has been approved for Liver disease in the year 2022.				
29.	Kerala	<ul style="list-style-type: none"> <li>i. Pankajakasthuri breath easy granule with giloy</li> <li>ii. Pankajakathuri Orthoherb tab enriched with amla</li> <li>iii. Ayur deepana choornam</li> <li>iv. Ayur digitone</li> <li>v. Brihaspathi breath easy choornam</li> <li>vi. Kapitha capsule</li> <li>vii. Vageegra soft gel capsule</li> <li>viii. Cough guard</li> <li>ix. Dr.Jacob’s Anti viral Ayurvedic forte powder</li> <li>x. Ayur Prathirodhakam soft gel capsule</li> <li>xi. Herbal Flu Guard</li> <li>xii. Hridayamrith tab</li> <li>xiii. SAND-COF</li> <li>xiv. Manjapitha Kashayam</li> <li>xv. Swasayog Tablet</li> <li>xvi. Swasayog Liquid</li> <li>xvii. Swasanandam gulika tablet</li> <li>xviii. Tulsi Cough Syrup</li> <li>xix. Respocare</li> <li>xx. Swasohith cough syrup</li> <li>xxi. Cough out</li> </ul>				
30.	Karnataka	Detailed list of Ayush medicines for various types of Liver, Spleen and Lung ailments registered for approval and approved in the last five year are at <b>Annexure-IV</b> . No applications regarding the ailments are rejected.				
31.	West Bengal	Approved products total 6670 (approx.) till 2022				

32.	Uttarakhand	NIL
33.	Manipur	NIL
34.	Delhi	NIL
35.	Uttar Pradesh	NIL
36.	Lakshadweep	NIL
37.	Tripura	NIL
38.	Goa	NIL
39.	Puducherry	NIL
40.	Ladakh	NIL
41.	Nagaland	NIL
42.	Jammu and Kashmir	NIL
43.	Himachal Pradesh	NIL
44.	Maharashtra	NIL

**A. Approved Drugs**

<b>Spleen Ailments</b>	<b>Liver Ailments</b>	<b>Lungs Ailments</b>
1. Arogyavardhani (classical)	1. Arogyavardhani (classical)	1. Kanakasav (classical)
2. Mahasudarshan Gana Vati (classical)	2. Kumari Asava (classical)	2. Kaphakuthar Rasa (classical)
3. Mahasudarshan Kadha (classical)	3. Mahasudarshan Kadha (classical)	3. Kas Shwas Hari Rasa ( P & P)
4. Punarnava Mandoora (classical)	4. Mahasudarshan Gana Vati (classical)	4. Mincof Cough Syrup (P & P)
5. Punarnavasav (classical)	5. Punarnava Mandoora (classical)	5. Nirocil Tablet ( P & P)
6. Talisadi Churna	6. Punarnavasav (classical)	6. Talisadi Choorna
7. Bhaskara lavana churna	7. Vimliv Fortified Syrup ( P & P)	7. Shankof Syrup
8. Panchakoladi Churna	8. Vimliv Tablet ( P & P)	8. Broncap Capsules
9. Pippali Churna	9. Vimliv Fortified Tablet ( P & P)	9. CL-Respgran Granules
10. Livact capsule,	10. Shalivtone Syrup	10. Respocap Capsule
11. Livact Syrup	11. Beliv Liquid	11. Respero Cough Syrup
12. Pittarechaka Kwatha	12. Beliv Tablet	12. Mahim-6 Capsules
13. Punarnavasava,	13. Hepacap Capsules	13. Jeevaneeyam
14. Khadirarishta	14. Livjandc Syrup	14. Amrutha Sanjeevini Tablet
15. Talisadi Choorna	15. Punarnavadi Kwatha Churna	15. Amrutha Sanjeevini Kashaya Churna
16. Punarnavasava,	16. Rasnaerandadi Kwatha Churna	16. Kash Chew
17. Khadirarishta	17. Boostaliv syrup	17. Sitopthaladi Churna
18. Talisadi Choorna	18. livobrit syrup	18. Talesadi Churna
19. Kalamegha Strong	19. livobrit tablet	19. Bhaskara Lavana Churna
20. Punarnavasava	20. Vasa aquous extract (Kamala)	20. Ashwagandh Churna
21. Talisadi Choorna	21. Guduchi aquous extract (Kamala)	21. Gokshura Churna
22. Arogyavardhini	22. Zigbo bolus	22. Punarnavadi Kwatha Churna
23. Vati Exol Syrup	23. Zigbo liquid	23. Guduchi Satva Churna
24. Kalamegha Plus,	24. Roboliv	24. Musta Churna
25. Punarnavasava,	25. Zigbo strong liquid	25. Pippali Churna
26. Khadirarishta	26. Beliv Liquid	26. EladiChurna
27. Talisadi Choorna	27. Beliv Tablet	27. Centella asiatica Powder
28. Punarnavadyasava	28. Liv. 52 GNX Tablets	28. Ocimum tenuiflorum powder
29. Punarnavasava,	29. Liv. 52 Capsules	29. Haritaki Aquous extract
30. Khadirarishta	30. Liv. 52 Syrup	30. Sirisa Aquous extract

31. Talisadi Choorna  
32. Yogaraja Guggulu tablet,  
33. Chandraprabha Vati tablet,  
34. Kasisa Bhasma,  
35. Mandura Bhasma,  
36. Mandura Bhasma,  
37. Punarnavadi Mandura Tablet  
38. Sudarshana Choorna - Tablet,  
39. Arka Lavana,  
40. Khadirarishta,  
41. Lavangasava,  
42. Lodhrasava,  
43. Lohasava,  
44. Punarnavasava

31. Liv. 52 Drops  
32. Liv.52 SF Liquid  
33. Livercare Capsule  
34. Livercare Liquid  
35. For Veterinary use  
36. Liv. 52 Pet Liquid  
37. Liv. 52 vet Liquid  
38. Liv. 52 Vet Drops  
39. Liv.52 Vet Bolus  
40. Liv-on  
41. Liv - 4  
42. Livcare  
43. Liraphis Plus Tablets  
44. Liraphis Plus Syrup  
45. Safe-Liv  
46. ArogyavardhiniVati  
47. Chandraprabhavati  
48. Kumaryasava  
49. Tab Yakruatankush  
50. Katuki Churna  
51. Bhringaraj  
52. Bhunimba  
53. Yavakshar  
54. Pippali  
55. Musta  
56. Guduchi  
57. Saindavalavana  
58. Chitraka  
59. Apamarga  
60. Bhumyamalaki  
61. Harithaki  
62. Bibitaki  
63. Amalaki  
64. Sariva  
65. Amrut Liv (Capsule)  
66. Pippali Moola Churna  
67. Gudduchi Churna  
68. Trivrit Moola Churna  
69. Punarnava Churna  
70. Arogayavardhini Vati

31. Vasa Aquous extract  
32. Zingiber officinale powder  
33. Natcof Liquid  
34. Pulmoboost  
35. Lungcare  
36. Aceso cough syrup  
37. Woon Chewable Tablets  
38. Woon Syrup  
39. Myvir Tablets  
40. Myvir Syrup  
41. Shwasa calm Caps  
42. Swasatone Leha  
43. Swasashakti Leha  
44. Vasakasava  
45. Sitopaladi churna  
46. Talisadi churna  
47. Swasakuthara rasa  
48. Pushkaramoolasava & Kanakasava  
49. Munistamine Tab& Syr  
50. Munistamine plus tab  
51. Yakshamantaka vati  
52. Muniyal laghju soothamishrana  
53. Seethopaladi choorna  
54. thaleesadi Choorna,  
55. Shivagutika & Kanaka kalpa  
56. Shwasa Kasa Hara Gana-Ghana (Skg) kashaya  
57. Pushakaramoolasava,  
58. Kanakasava,  
59. Pippalyadyasava,  
60. Vasakarishtha,  
61. Dashamoola katutrayadi kashaya,  
62. Kasa abhaya syrup,  
63. Bhargavaprokta rasayana,  
64. Chyavanaprasha leha,  
65. Swasa Kasa Chintamani Rasa  
66. Kushta capsule,  
67. Mahalakshmvilasa Rasa tabet  
68. Shwasa kuthara rasa tablet,  
69. rjunarishta, Lohasava  
70. Kasahara,



- |  |                         |
|--|-------------------------|
| 71. Sanjeevani Vati                            | 71. Pushkaravasa        |
| 72. Samshamani Vati                            | 72. Arjunarishta,       |
| 73. Phalatrikadi kwath<br>Churna               | 73. Dashamoolarishta,   |
| 74. Exol Syrup                                 | 74. Draksharishta,      |
| 75. Exol Tab                                   | 75. Kanakasava          |
| 76. Heparil syrup                              | 76. Khadirarishta,      |
| 77. Livobeam Syrup, Capsule<br>& tablet        | 77. Kumari Asava,       |
| 78. livin-18 Capsule                           | 78. Pushkaramoolasava,  |
| 79. Liver Detox Tea                            | 79. vasakarishtha,      |
| 80. Livo-G Syrup &<br>Kalameghasava            | 80. Dhanwantari Vati    |
| 81. Liv Up Tablets                             | 81. Talisadi Choorna    |
| 82. Livocare Capsules &<br>Arogyavardhini vati | 82. Arjunarishta,       |
| 83. Kamilahar Syrup                            | 83. Dashamoolarishta,   |
| 84. Phalantus syrup                            | 84. Draksharishta,      |
| 85. Muniliv                                    | 85. Kanakasava,         |
| 86. Muniliv+ Tablets& Syrup                    | 86. Khadirarishta,      |
| 87. Bhumiamalaki Tablest                       | 87. Kumari Asava,       |
| 88. Livact capsule,                            | 88. vasakarishtha,      |
| 89. Livact Syrup                               | 89. Dhanwantari Vati    |
| 90. Pittarechaka Kwatha,                       | 90. Talisadi Choorna    |
| 91. Arogyavardhini vati                        | 91. Dashamoolarishta,   |
| 92. Arogyavardhini rasa<br>tablet,             | 92. Draksharishta,      |
| 93. Jahara mohara Pishti,                      | 93. Kumari Asava,       |
| 94. Chandraprabha Vati<br>tablet,              | 94. Dhanwantari Vati    |
| 95. Mandura Bhasma,                            | 95. Talisadi Choorna    |
| 96. Manibhadra guda<br>granule,                | 96. Kushmanda Paka,     |
| 97. Dhatri loha tablet,                        | 97. Sudarshana Choorna, |
| 98. Maha tiktaka kashaya                       | 98. Arjunarishta,       |
| 99. Maha tiktaka kashaya<br>vati,              | 99. Dashamoolarishta,   |
| 100. Maha tiktaka ghrita,                      | 100. Draksharishta,     |
| 101. Sudarshana Choorna -<br>Tablet,           | 101. Kanakasava,        |
| 102. Dashamoolarishta,                         | 102. Khadirarishta,     |
| 103. Lavangasava,                              | 103. Kumari Asava       |
| 104. PunarnavasavaPatola                       | 104. Pushkaramoolasava, |
| 105. katurohinyadi kashaya                     | 105. vasakarishtha      |
| 106. L-tone Syrup                              | 106. Amritaprash,       |
| 107. Kumariasava                               | 107. Chyavanaprash,     |
| 108. Punarnavasava                             | 108. Dhanwantari Vati,  |

109. Punarnavasava,	109. Dashamoola kwatha Choorna
110. Bhringarajasava	110. Dashamoola Katutraya,
111. Kumari Asava	111. Talisadi Choorna
112. Punarnavasava, &	112. Trikatu Choorna
113. Kumari Asava	113. Chyavanules granules
114. Kalamegha Strong	114. Arjunarishta,
115. Punarnavasava	115. Dashamoolarishta,
116. Kumari Asava	116. Kanakasava,
117. Kalamegha Plus,	117. Khadirarishta,
118. Punarnavasava	118. Kumari Asava,
119. Kumariasava,	119. vasakarishtha
120. Punarnavasava	

### B. Pending Applications

#### Spleen Ailments

-  
-  
-

#### Liver Ailments

-  
-  
-

#### Lungs Ailments

1. Cof-X Syrup
2. Tosebb Cough Syrup
3. Breathofy Syrup

## GOVERNMENT OF INDIA

### MINISTRY OF AYUSH

#### LOK SABHA

#### UNSTARRED QUESTION NO. 321

TO BE ANSWERED ON 3<sup>rd</sup> FEBRUARY, 2023

#### “AYURVEDA RESEARCH CENTRES”

#### 321 SHRI SUNIL DATTATRAY TATKARE :

Will the Minister of **AYUSH** be pleased to state:

- (a) whether the Government proposes to set up more Ayurveda Research Centres in the country to propagate Ayurveda in the country and if so, the details thereof;
- (b) the details of Ayurveda Research Centres functioning in the country including Maharashtra;

- (c) whether there is any plan to set up new Ayurveda Research Centre in Maharashtra;
- (d) if so, the details thereof and if not, the reasons therefor; and
- (e) the funds allocated and utilized for research and development at the said Centres during the last three years and the current year?

## **ANSWER**

### **THE MINISTER OF AYUSH (SHRI SARBANANDA SONOWAL)**

- (a) Government of India, Ministry of Ayush has set up Central Council for Research in Ayurvedic Sciences (CCRAS), an autonomous organization for undertaking, coordinating, formulating, developing, and promoting research on scientific lines in Ayurvedic sciences. The research activities are carried out through its 30 Institutes/Centres/Units located all over India and through collaborative studies with various Universities, Hospitals, and Institutes. The list of the CCRAS Institutes/Centres are at **Annex-I**.
- (b) CCRAS has three Institutes in the state of Maharashtra: -
  - 1. Raja Ramdeo Anandilal Podar (RRAP) Central Ayurveda Research Institute, Mumbai.
  - 2. Regional Ayurveda Research Institute, Nagpur.
  - 3. Regional Ayurveda Research Institute, Pune.
- (c) Ministry has no such plan to set up a new Institute/Centre in Maharashtra.
- (d) Does not arise.
- (e) The details of funds allocated and utilized for research and development in Institutes /Centres in Maharashtra, during the last three years, are at **Annex – II**.

**Annex - I**

**CENTRAL COUNCIL FOR RESEARCH IN AYURVEDIC SCIENCES**

State-wise list of CCRAS Research Institutes/Centres

S.No.	State/UT	Name of Institute/Centre
1.	Andaman & Nicobar Islands	1) Regional Ayurveda Research Institute, Port Blair
2.	Andhra Pradesh	2) Regional Ayurveda Research Institute, Vijayawada
3.	Arunachal Pradesh	3) Regional Ayurveda Research Institute, Itanagar
4.	Assam	4) Central Ayurveda Research Institute, Guwahati
5.	Bihar	5) Regional Ayurveda Research Institute, Patna
6.	Delhi	6) Central Ayurveda Research Institute, New Delhi
7.	Goa	7) Regional Ayurveda Research Institute for Mineral and Marine Medicinal Resources, Goa
8.	Gujarat	8) Regional Ayurveda Research Institute, Ahmedabad

9.	Himachal Pradesh	9) Regional Ayurveda Research Institute, Mandi
10.	Jammu & Kashmir	10) Regional Ayurveda Research Institute, Jammu
11.	Karnataka	11) Central Ayurveda Research Institute, Bengaluru
12.	Kerala	12) National Ayurveda Research Institute for Panchakarma, Cheruthuruthy
		13) Regional Ayurveda Research Institute, Thiruvananthapuram
13.	Madhya Pradesh	14) Regional Ayurveda Research Institute, Gwalior
14.	Maharashtra	15) Raja Ramdeo Anandilal Podar (RRAP) Central Ayurveda Research Institute, Mumbai
		16) Regional Ayurveda Research Institute, Nagpur.
		17) Regional Ayurveda Research Institute, Pune
15.	Nagaland	18) Regional Ayurveda Research Centre, Dimapur, Nagaland
16.	Odisha	19) Central Ayurveda Research Institute, Bhubaneswar
17.	Punjab	20) Central Ayurveda Research Institute, Patiala
18.	Rajasthan	21) M.S. Regional Ayurveda Research Institute, Jaipur
19.	Sikkim	22) Regional Ayurveda Research Institute, Gangtok
20.	Tamil Nadu	23) Captain Srinivasa Murthy Central Ayurveda Research Institute, Chennai
		24) Dr. Achanta Lakshmi pati Regional Ayurveda Research Institute, Chennai
21.	Telangana	25) National Institute of Indian Medical Heritage, Hyderabad
22.	Tripura	26) Regional Ayurveda Research Centre, Agartala, Tripura
23.	Uttar Pradesh	27) Central Ayurveda Research Institute, Jhansi
		28) Regional Ayurveda Research Institute, Lucknow
24.	Uttarakhand	29) Regional Ayurveda Research Institute, Ranikhet
25.	West Bengal	30) Central Ayurveda Research Institute, Kolkata

**Funds allocated and utilized for research and development in Institutes/Centres in  
Maharashtra**

State	Institutions	2019-20		2020-21		2021-22	
		Budget Allocation	Utilization	Budget Allocation	Utilization	Budget Allocation	Utilization
Maharashtra	CARIC, Mumbai	589.94	590.77	569.85	558.58	551.24	507.45
	RARIFR, Pune	325.75	350.76	369.38	366.53	371.38	362.73
	RARIMCH, Nagpur	422.12	362.89	499.44	481.54	522.64	459.47

(Rs. In lakhs)

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**GOVERNMENT OF INDIA  
MINISTRY OF AYUSH**

**LOK SABHA  
UNSTARRED QUESTION NO. 364 FOR 03.02.2023**

**PPP PROJECTS IN AYUSH SECTOR**

**364. SHRI ADALA PRABHAKARA REDDY:  
SHRI CHANDRA SEKHAR BELLANA:**

Will the Minister of AYUSH be pleased to state:

- whether the Government has taken any steps to increase Public Private Partnership (PPP) projects in the AYUSH sector;
- if so, the details thereof including the number of such projects implemented and those in the pipeline;
- if not, the reasons therefor;
- whether the Government has taken any steps to attract private investment in the AYUSH sector; and
- if so, the details thereof and if not, the reasons therefor?

**ANSWER**  
**THE MINISTER OF AYUSH**  
**(SHRI SARBANANDA SONOWAL)**

**(a), (b) & (c)**

Yes,

- i. Ministry of Ayush implements a Central Sector Scheme namely Champion Services Sector Scheme for Medical Value Travel with a total financial outlay of Rs. 769 Crores. There are three components of this scheme i.e. (1) Establishment of Ayush Super speciality Hospitals / Daycare Centres (2) Skill development in Ayush sector and (3) Establishment of Ayush Grid. Under Establishment of Ayush Super speciality Hospitals / Daycare Centres financial assistance in the form of interest subsidy maximum upto Rs. 8.15 Crores is provided to the private investors for Establishment of World Class, State of the Art Super Specialty Hospitals/ Day Care Centres of the systems recognized under Indian Medicine Central Council (IMCC) Act, 1970 or Homeopathic Central Council (HCC) Act, 1973 on Pan India basis. Total financial outlay of this component is Rs. 514 Crores.
- ii. Ministry of Ayush implements AYURSWASTHYA Yojana comprising 03 components i.e. (1) Ayush & Public Health (2) Ayush for sports medicine and (3) Upgradation of facilities to Centre of

Excellence (CoE). This scheme has been approved for F.Y. 2021-22 to 2025-26 with financial outlay Rs.11 Crore for every financial year. Under the Centre of Excellence component of AYURSWASTHYA Yojana, financial assistance of maximum Rs. 10 crores is provided to eligible individual organizations/institutes for establishing and upgrading their functions & facilities and/or for research & development activities in Ayush. The objectives of the Centre of Excellence component of AYURSWASTHYA Yojana are as under: -

- a. To support establishment of advanced/ specialized Ayush medical health unit in reputed Ayush and Allopathic institutions both in Government and Non-Government sector.
  - b. To support creative and innovative proposals for establishment and upgradation of both functions and facilities of reputed institutions to strengthen competencies of Ayush professionals in education technology, research & innovation and such other fields necessary for promotion of Ayush at national as well as international level.
  - c. To support creative and innovative proposals for prestigious organizations which have well-established buildings and infrastructure, and wish to work for Ayush systems to the level of Centre of Excellence.
- iii. Ministry of Ayush is implementing Central Sector Scheme for Ayush Oushadhi Gunavatta evam Utpadan Samvardhan Yojana (AOGUSY) for the year 2021-2026 with financial outlay of Rs. 122 Crore with the following Components-
- a. Strengthening and up-gradation of Ayush Pharmacies and Drug Testing Laboratories to achieve higher standards.
  - b. Pharmacovigilance of ASU&H drugs including surveillance of misleading advertisements.
  - c. Strengthening of Central and State regulatory frameworks including Technical Human Resource & Capacity Building programs for Ayush drugs.
  - d. Support for development of standards and accreditation/certification of Ayush products & materials in collaboration with Bureau of Indian Standards (BIS), Quality Control of India (QCI) and other relevant scientific institutions and industrial R&D centres.

The objectives of the scheme are as under:-



1. To enhance India's manufacturing capabilities and exports of traditional medicines and health promotion products under the initiative of Atmanirbhar Bharat.
2. To facilitate adequate infrastructural & technological up gradation and institutional activities in public and private sector for standardization, quality manufacturing and analytical testing of Ayush drugs & materials.
3. To strengthen regulatory frameworks at Central and State level for effective quality control, safety monitoring and surveillance of misleading advertisements of Ayush drugs.
4. To encourage building up synergies, collaborations and convergent approaches for promoting standards and quality of Ayush drugs & materials.

**(d) & (e)**

Yes,

- i. Ministry of Ayush has signed a MoU with Invest India for establishment of Strategic Policy and Facilitation Bureau (SPFB) in respect of Ministry of Ayush. The objective of SPFB includes Strategic and Policy- Making support, State policy Bench marking providing strategic inputs to identify new potential domestic and foreign markets in the Ayush sector and Knowledge creation and management including inputs and support on policy matters, research etc.
- ii. Ministry of Ayush in collaboration with Confederation of Indian Industry (CII) and Institute of Teaching and Research in Ayurveda, Jamnagar organised a Global Ayush Investment and Innovation Summit (GAIIS), 2022 with an objective to bring together country's key startups, entrepreneurs, investors, policy makers and other national/international stakeholders for a specially curated event on innovation and make India a Global Ayush destination for entrepreneurship.

**GOVERNMENT OF INDIA  
MINISTRY OF AYUSH**

**LOK SABHA  
UNSTARRED QUESTION No. 369  
TO BE ANSWERED ON 03.02.2023**

**AYUSH Hospitals in Haryana**

**369. SHRI NAYAB SINGH:**

Will the Minister of *Ayush* be pleased to state:

(a) the number of Ayurveda Hospitals functional in Haryana including Kurukshetra Parliamentary Constituency;

(b) whether any steps have been taken by the Government to provide the AYUSH facilities/Hospitals in all the districts of the country including Kurukshetra Parliamentary Constituency in Haryana; and

(c) if so, the details thereof, State-wise including Haryana?

**ANSWER**  
**THE MINISTER OF AYUSH**  
**(SHRI SARBANANDA SONOWAL)**

(a) There are 13 Ayurveda Hospitals (including one Hospital in Kurukshetra) functioning in Haryana as on 01.04.2021, as reported by the Directorate of Ayush, Haryana.

(b) & (c) Public Health being a State subject, setting up of Ayush Hospitals in all the districts of the Country including Kurukshetra Parliamentary Constituency in Haryana comes under the purview of respective State/UT Governments. However, under the Centrally Sponsored Scheme of National Ayush Mission (NAM), there is a provision of financial assistance for setting up of 50 /30 /10 bedded Integrated Ayush Hospitals. State/UT Governments may avail financial assistance by submitting the proposal through State Annual Action Plans (SAAPs) as per the NAM guidelines. Under NAM, as per the proposals received from the State/UT Governments, the details of approved Integrated Ayush Hospitals in the Country including Haryana is furnished as **Annexure**.

Apart from above, Hon'ble Prime Minister of India inaugurated three Satellite Centers of National Institutes of Ayush on 11<sup>th</sup> December, 2022 :-

1. All India Institute of Ayurveda (AIIA), Goa (Satellite Institute of AIIA, New Delhi)
2. National Institute of Unani Medicine (NIUM), Ghaziabad (Satellite Institute of NIUM, Bengaluru)
3. National Institute of Homoeopathy (NIH), New Delhi (Satellite Institute of NIH, Kolkata)

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**Annexure**

**Approved Integrated Ayush Hospitals in the Country under National Ayush Mission from  
2014-15 to 2021-22**

<b>S. No.</b>	<b>Name of the State/UT</b>	<b>Location of the Integrated Ayush Hospital</b>
1.	Andaman Nicobar Islands	Port Blair
2.	Andhra Pradesh	Kakinada
		Visakhapatnam
3.	Assam	Goalpara
		Majuli
4.	Bihar	Patna
5.	Chandigarh	Chandigarh
6.	Chhattisgarh	Champa
		Mahasamund
		Koria
		Korba
		Kanker
		Narayanpur
		Bijapur
		Dantewada
		Raipur
		Bilaspur
		Durg
		Sarguja District Headquarter
Dalli Rajhara		
7.	Goa	South Goa
<b>8.</b>	<b>Haryana</b>	<b>Hisar</b>
9.	Himachal Pradesh	Kullu
		Mandi
10.	Jammu & Kashmir	Kishtwar
		Kupwara
		Bilawar
		Kulgam
		Samba
11.	Jharkhand	Ranchi
12.	Karnataka	Gadag
		Mangalore
13.	Kerala	Chalakyady, Thrissur
		Mattannur, Kannur
14.	Lakshadweep	Kavaratti
15.	Maharashtra	Nandurbar
		Sindhudurg

		Pune
		Ahmednagar
16.	Manipur	Moreh, Chandel District
		Churachandpur
		Kwakeithel Konjeng Leikai
		Keirao AC, Imphal East District
17.	Madhya Pradesh	Bhopal
		Indore
		Narsinghpur
		Amarkantak
		Mandleshwar
		Balaghat
		Sehore
18.	Meghalaya	Sohra (Cherapunjee), CHC, East Khasi Hills
		Umtrew, Ri Bhoi District
19.	Mizoram	Aizwal
20.	Nagaland	Noklak, Tuensang District
		Razha, Chedema
		Sapangya (Chungtia)
		Yachem, Longleng
21.	Odisha	Dhenkanal
		Behrampur
		Balasore
22.	Puducherry	Villanur
		Yanam
23.	Punjab	Moga
		Dayalpur Sodhia Zirakpur
24.	Rajasthan	Bhilwara
		Ajmer
		Churu
		Bikaner
		Jaipur
		Sikar
25.	Sikkim	Kyongsa, West Sikkim
26.	Tamil Nadu	Theni
		Thiruvannamalai
		Pudukkottai
27.	Telangana	Anantgiri, Vikarabad, Rangareddy Distt.
		Bhupalpalli (V&M), Jayashankar Bhupalpalli
		Siddipet Head Quarters
28.	Tripura	Paradise Chowmuhani, Agartala
		Belonia

29.	Uttar Pradesh	Bulandshahar
		Bilhour, Kanpur
		West Katli, Lucknow
		Badrasi, Varanasi
		Nawab Ganj, Bareilly
		Basti
		Sirathu Kaushambi
		Sonbhadra
		Orai Jalaun
		Sant Kabir Nagar
		Saharanpur
		Deoria
		Lalitpur
		Amethi
		Kanpur Dehat
		Firozpur, Balia District
		Raebareli
		Baghpat
		Fatehpur
		Shravasti
Unnao		
Hardoi		
Gorakhpur		
Sambhal		
30.	Uttarakhand	Haldwani
		Jakhnidhar, Tehri
		Tanakpur, Champawat
31.	West Bengal	Tapsikhata, Alipurduar District
		Paschim Midnapore

**GOVERNMENT OF INDIA  
MINISTRY OF AYUSH**

**LOK SABHA  
UNSTARRED QUESTION NO. 371  
ANSWERED ON 03/02/2023**

**“Medicinal Plants Products”**

**371. SHRI CHANDRA SEKHAR BELLANA:**

Will the Minister of AYUSH be pleased to state:

- a) whether the Government has taken any steps to establish primary processing centres and marketing infrastructure for medicinal plants;
- b) if so, the details thereof and if not, the reasons therefor;
- c) whether the Government has taken any initiatives to promote medicinal plants products on both national and global level; and
- d) if so, the details thereof and if not, the reasons therefor?

**ANSWER**

**THE MINISTER OF AYUSH**

(SHRI SARBANANDA SONOWAL)

**a & b)** Yes, Ministry of Ayush, Government of India had implemented the Centrally Sponsored Scheme of the National Ayush Mission (NAM) from the financial year 2015-16 to 2020-21 to support establishment of Processing Units and Marketing Infrastructure for medicinal plants throughout the country.

Till date, Ministry of Ayush has supported 25 nos. of Processing Units and 42 nos. of Marketing Infrastructure of medicinal plants under National Ayush Mission Scheme throughout the country from the financial year 2015-16 to 2020-21. Detail of Processing Units and Marketing Infrastructure of medicinal plants is given at **Annexure – I & II.**

**c & d)** Yes, National Medicinal plants Board, Ministry of Ayush, Government of India is implementing Central Sector Scheme on “Conservation, Development and Sustainable Management of Medicinal Plants” wherein following activities are supported:

- (vi) *In-situ* conservation / *Ex-situ* conservation
- (vii) Livelihood linkages with Joint Forest Management Committees (JFMCs) / Panchayats / Van Panchayats / Biodiversity Management Committees (BMCs) / Self Help Groups (SHGs).
- (viii) IEC activities like Training / workshops / Seminars/ Conferences etc.
- (ix) Research & Development.
- (x) Promotion, marketing and trade of medicinal plants produce.

National Medicinal Plant Board, Ministry of Ayush supports various institutes/organization to organise awareness building program, Exposure Visits, Education and Capacity Building of Stakeholders through Information, Education and Communication (IEC) strategy under Central Sector Scheme (CSS) for conservation, development and sustainable management of medicinal plants.

Till date, NMPB has supported total 117 projects to various organization/institutes during the last five years through IEC strategy under Central Sector Scheme guideline of NMPB. Year-wise details of supported projects from 2018-19 to 2022-23 are mentioned below:

<b>S.No.</b>	<b>Financial Year</b>	<b>Total number of projects sanctioned</b>
1	2018-19	41
2	2019-20	20
3	2020-21	15
4	2021-22	26
5	2022-23	15
<b>Total</b>		<b>117</b>

Beside this, Ministry of Ayush had supported 235 number of training programmes, seminars/ workshops / Buyer-seller meet / exposure visits on cultivation practices to aware the farmers under flexi component of 'Medicinal Plants' component under National Ayush Mission scheme. The detail of activities supported under flexi component is given at **Annexure – III**.

Besides this, initiatives taken by APEDA to promote its scheduled products including medicinal plants products on global level is given below:

**1. Development of Common Infrastructure for agri exports:**

APEDA provided financial assistance for setting up of common infrastructure facilities such as pack-houses, processing units, reefer van etc. in various States across the country.

**2. Collaboration with Missions/ Embassies:** APEDA has been regularly interacting with the Indian Missions abroad which enabled to tap the opportunities in the importing country's requirements arising on account of the COVID pandemic.

a. **Virtual Trade Fairs (VTFs)** - To overcome the adverse impact of COVID-19 and to sustain the existing markets, APEDA took the pioneer step and introduced its own platform through in-house team for organizing Virtual Trade Fairs to establish contact between Indian exporters and importers.

b. **Virtual Buyer Seller Meets** - To leverage on the opportunity due to COVID 19 situation, APEDA organized virtual buyer seller meets in association with Indian Missions abroad promoting exports of APEDA mandated products.

**3. Packaging Development:**

Besides providing financial assistance to its member exporters under its Market Development Scheme for using international standards of packaging, APEDA in association with Indian Institute of Packaging has developed packaging standards and specifications for potential flowers and floriculture product.

**4. Quality development programmes:** In order to attain quality of the produce to be exported, APEDA has recognized 128 Labs (dynamic list) across India to provide services of testing to wide range of products.

**5. Organization of promotion programme:** To promote Medicinal and Herbal Plants in International market, promotional programmes are organized in potential countries in association with respective Embassies.

**6. Constitution of Export Promotion Forums:** For more focused approach and to ensure greater participation and role of exporters in export promotion and bring focus on the issues/challenges /bottlenecks faced in production and export, Export Promotion Forums have been constituted for floriculture, seeds and plants including Herbal and medicinal plants for strengthening the supply chain and for making a strategy for promoting export.



**Annexure-I****Details of processing unit supported under medicinal plants component of National Ayush Mission Scheme from the financial year 2015-16 to 2020-21.**

S. No.	State Name	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Total
1	Andhra Pradesh	0	0	0	0	0	0	0
2	Arunachal Pradesh	0	0	0	0	0	0	0
3	Assam	0	0	0	0	0	0	0
4	Bihar	0	0	0	0	7	0	7
5	Chhattisgarh	0	0	1	0	0	0	1
6	Goa	0	0	0	0	0	0	0
7	Gujarat	1	2	0	0	0	0	3
8	Haryana	0	0	0	0	0	0	0
9	Himachal Pradesh	0	0	0	0	0	0	0
10	Jammu & Kashmir	0	0	0	0	2	2	4
11	Karnataka	0	0	1	0	0	0	1
12	Kerala	0	0	0	0	0	0	0
13	Madhya Pradesh	0	0	0	0	0	0	0
14	Maharashtra	0	0	1	0	1	0	2
15	Manipur	0	0	0	0	0	0	0
16	Meghalaya	0	0	0	0	0	0	0
17	Mizoram	0	0	0	0	1	0	1
18	Nagaland	0	0	0	0	0	0	0
19	Orissa	0	0	0	0	0	0	0
20	Puducherry	0	0	0	0	0	0	0
21	Punjab	0	0	0	0	0	0	0
22	Rajasthan	0	0	0	0	4	0	4
23	Sikkim	0	0	0	0	0	0	0
24	Tamil Nadu	0	0	0	0	0	0	0
25	Telangana	0	0	0	0	0	0	0
26	Tripura	0	0	0	0	0	0	0
27	Uttarakhand	0	0	0	0	0	0	0
28	Uttar Pradesh	0	0	0	0	0	0	0
29	West Bengal	0	0	0	1	1	0	2
<b>TOTAL</b>		<b>1</b>	<b>2</b>	<b>3</b>	<b>1</b>	<b>16</b>	<b>2</b>	<b>25</b>

**Note:** As per information received from the concerned State Implementing Agencies.

**Annexure – II**

**Marketing infrastructure viz. Rural Collection Centre (RCC)/ District Collection Centre (DCC)/ Retail outlet supported under medicinal plants component of National Ayush Mission Scheme from the financial year 2015-16 to 2020-21.**

<b>S. No.</b>	<b>State Name</b>	<b>2015-16</b>	<b>2016-17</b>	<b>2017-18</b>	<b>2018-19</b>	<b>2019-20</b>	<b>2020-21</b>	<b>Total</b>
1	Andhra Pradesh	0	1	0	0	0	0	1
2	Arunachal Pradesh	0	0	0	0	0	0	0
3	Assam	0	0	1	4	0	0	5
4	Bihar	0	0	0	0	0	0	0
5	Chhattisgarh	0	1	1	0	0	0	2
6	Goa	0	0	0	0	0	0	0
7	Gujarat	0	0	1	0	0	0	1
8	Haryana	0	0	0	0	0	0	0
9	Himachal Pradesh	0	0	0	0	0	0	0
10	Jammu & Kashmir	0	0	1	0	0	0	1
11	Karnataka	0	0	0	0	0	0	0
12	Kerala	0	0	0	2	0	3	5
13	Madhya Pradesh	0	0	0	1	0	0	1
14	Maharashtra	0	0	1	0	0	0	1
15	Manipur	0	0	1	1	0	0	2
16	Meghalaya	0	1	0	0	0	0	1
17	Mizoram	0	0	1	0	0	0	1
18	Nagaland	0	0	0	0	0	0	0
19	Orissa	0	0	0	0	0	0	0
20	Puducherry	0	0	0	0	0	0	0
21	Punjab	0	0	0	0	0	0	0
22	Rajasthan	0	1	2	1	2	0	6
23	Sikkim	0	0	0	0	0	0	0
24	Tamil Nadu	0	0	0	0	0	0	0
25	Telangana	0	6	0	0	0	0	6
26	Tripura	0	0	0	0	0	0	0
27	Uttarakhand	0	0	0	0	0	0	0
28	Uttar Pradesh	0	0	0	8	0	0	8
29	West Bengal	0	1	0	0	0	0	1
<b>TOTAL</b>		<b>0</b>	<b>11</b>	<b>9</b>	<b>17</b>	<b>2</b>	<b>3</b>	<b>42</b>

**Note:** As per information received from the concerned State Implementing Agencies.

**Annexure – III**

**State-wise detail of IEC activities (seminars/ workshops / Buyer-seller meet / Exposure visits) supported under Medicinal Plants Component of “National Ayush Mission” (NAM) Scheme, Ministry of Ayush from the financial year 2016-17 to 2020-21.**

<b>S.No.</b>	<b>State</b>	<b>2016-17</b>	<b>2017-18</b>	<b>2018-19</b>	<b>2019-20</b>	<b>2020-21</b>	<b>Total</b>
1	Andhra Pradesh	2	1	4	5	0	<b>12</b>
2	Arunachal Pradesh	0	0	1	0	0	<b>1</b>
3	Assam	1	1	0	0	0	<b>2</b>
4	Bihar	0	0	0	3	0	<b>3</b>
5	Chhattisgarh	1	1	4	0	0	<b>6</b>
6	Goa	0	0	0	1	0	<b>1</b>
7	Gujarat	0	3	6	0	0	<b>9</b>
8	Haryana	6	0	0	0	0	<b>6</b>
9	Himachal Pradesh	0	0	0	3	0	<b>3</b>
10	Jammu & Kashmir	0	0	1	2	1	<b>4</b>
11	Karnataka	0	3	1	8	2	<b>14</b>
12	Kerala	3	2	0	0	0	<b>5</b>
13	Madhya Pradesh	3	13	24	12	12	<b>64</b>
14	Maharashtra	0	2	0	0	0	<b>2</b>
15	Manipur	0	1	2	0	0	<b>3</b>
16	Meghalaya	0	3	0	1	0	<b>4</b>
17	Mizoram	0	1	5	2	2	<b>10</b>
18	Nagaland	1	0	0	0	0	<b>1</b>
19	Orissa	0	0	3	0	0	<b>3</b>
20	Puducherry	0	0	0	0	0	<b>0</b>
21	Punjab	2	0	3	5	0	<b>10</b>
22	Rajasthan	1	6	7	4	0	<b>18</b>
23	Sikkim	0	0	0	0	1	<b>1</b>
24	Tamil Nadu	0	0	0	0	0	<b>0</b>
25	Telangana	4	2	2	4	0	<b>12</b>
26	Tripura	0	0	0	0	0	<b>0</b>
27	Uttarakhand	1	1	0	1	0	<b>3</b>
28	Uttar Pradesh	0	1	17	0	14	<b>32</b>
29	West Bengal	0	2	2	2	0	<b>6</b>
<b>Total</b>		<b>25</b>	<b>43</b>	<b>82</b>	<b>53</b>	<b>32</b>	<b>235</b>

**Note:** As per information received from the concerned State Implementing Agencies.

**GOVERNMENT OF INDIA**

**MINISTRY OF AYUSH**

**LOK SABHA  
UNSTARRED QUESTION NO.381  
ANSWERED ON 3<sup>rd</sup> FEBRUARY, 2023**

**Performance of AYUSH Schemes**

381. SHRI THOMAS CHAZHIKADAN:

Will the Minister of AYUSH be pleased to state:

- (a) whether the Government provides funds for the purpose of developing education and research in the field of alternative medicine;
- (b) if so, the details thereof; and
- (c) the performance of various AYUSH schemes in Kerala?

**ANSWER**

**THE MINISTER OF AYUSH  
(SHRI SARBANANDA SONOWAL)**

(a) & (b) Yes, the Government of India provides funds to the National Institutes and Central Councils for Research which are autonomous organizations under Ministry of Ayush for the purpose of developing education and research in the field of alternative medicines. The detailed status of allocation of funds and expenditure in respect National Institutes and Central Councils for Research of Ministry of Ayush for the year 2021-22 & 2022-23 is furnished as **Annexure**.

(c) Ministry of Ayush is implementing the Centrally Sponsored Scheme of National AYUSH Mission (NAM) through State/UT Governments including Kerala and supporting the efforts of States/UTs for overall development and promotion of AYUSH systems of medicine by providing financial assistance to them under different activities as per the provision of NAM guideline in accordance to the proposals received in their State Annual Action Plans (SAAPs). The Mission inter-alia makes provision for the following activities: -

- (i) AYUSH Health & Wellness Centres
- (ii) Co-location of AYUSH facilities at Primary Health Centres (PHCs), Community Health Centres (CHCs) and District Hospitals (DHs)
- (iii) Upgradation of existing standalone Government AYUSH Hospitals
- (iv) Upgradation of existing Government/ Panchayat/ Government aided AYUSH Dispensaries/Construction of building for existing AYUSH Dispensary (Rented/ dilapidated)

accommodation)/Construction of building to establish new AYUSH Dispensary in the area where there are no AYUSH facilities available

(v) Setting up of upto 10/30/50 bedded integrated AYUSH Hospitals

(vi) Supply of essential drugs to Government AYUSH Hospitals, Government Dispensaries and Government/Government aided Teaching Institutional AYUSH Hospitals

(vii) AYUSH Public Health Programmes

(viii) Behaviour Change Communication (BCC)

(ix) Mobility support at State and District level

(x) AYUSH Gram

(xi) Establishment of new AYUSH colleges in the States where availability of AYUSH teaching institutions is inadequate in Government Sector

(xii) Infrastructural development of AYUSH Under-Graduate Institutions

(xiii) Infrastructural development of AYUSH Post-Graduate Institutions/ add on PG/ Pharmacy /Para-Medical Courses

Under NAM, as per the proposals received through submitted SAAPs from the State Government of Kerala, Ministry of Ayush has approved an amount of Rs. 196.96 Crores from 2014-15 to 2021-22 for different activities as per the provision of NAM guidelines and State Government has reported expenditure of Rs. 181.70 Crores.

**Annexure**

**Allocation and Expenditure in respect of Research Councils and National Institutes of  
Ministry of Ayush for the year 2021-22 and 2022-23 (as on 27-01-2023)**

**(Rs. In Crore)**

Sl. No	Schemes/ Programmes	2021-22			2022-23		
		Budget Estimates (BE)	Revised Estimates (RE)	Actual Expenditure (AE)	Budget Estimates (BE)	Revised Estimates (RE)	Actual Expenditure (as on 27.01.23)
1	2	3	4	5	6	7	8
1	Central Council for Research in Ayurvedic Sciences	328.27	309.37	312.72	358.50	358.50	283.38
2	Central Council for Research in Unani Medicine	167.79	157.73	157.73	175.80	175.05	173.43
3	Central Council for Research in Homoeopathy	167.58	143.58	135.33	143.70	143.70	107.78
4	Central Council for Research in Yoga & Naturopathy	59.70	57.44	57.44	85.24	87.62	42.62
5	Central Councils for Research in Siddha	36.77	39.06	39.06	46.67	46.88	35.00
6	Institute of Teaching & Research Ayurveda, Jamnagar	63.36	64.49	64.49	80.40	105.21	105.21
7	All India Institute of Ayurveda(AIIA), New Delhi	348.87	342.87	342.87	227.10	231.10	175.33
8	National Institute of	148.12	119.54	110.60	78.74	65.92	46.35

	Homoeopathy, Kolkata						
9	National Institute of Ayurveda, Jaipur	262.33	194.55	194.41	192.99	184.29	157.87
10	Rashtriya Ayurveda Vidyapeeth	15.52	15.02	15.02	18.82	19.82	14.11
11	National Institute of Siddha, Tamilnadu	49.09	44.77	44.77	53.57	59.01	40.18
12	National Institute of Unani Medicine, Bangalore	187.49	183.22	183.22	96.59	99.59	99.59
13	Morarji Desai National Institute of Yoga	24.67	23.30	22.05	124.00	124.50	68.00
14	National Institute of Naturopathy, Pune	55.33	67.61	67.61	40.63	65.63	24.27
15	North Eastern Institute of Ayurveda & Homoeopathy, Shillong	46.54	37.12	33.49	63.50	40.75	35.53
16	North Eastern Institute of AYUSH/Folk Medicine, Passighat	3.30	8.84	3.04	0.00	0.00	0.00
17	National Institute of Sowa Rigpa	12.17	12.54	12.53	22.14	20.44	15.86
18	North Eastern Institute of Ayurveda and Folk Medicine	0.00	0.00	0.00	27.82	16.28	15.44

Research,  
Passighat

<b>Total</b>	<b>1976.90</b>	<b>1821.05</b>	<b>1796.38</b>	<b>1836.21</b>	<b>1844.29</b>	<b>1439.95</b>
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**GOVERNMENT OF INDIA**  
**MINISTRY OF AYUSH**  
**LOK SABHA**  
**UNSTARRED QUESTION NO-393**  
**ANSWERED ON 03/02/2023**

**“Special AYUSH Visa”**

**393. SHRI RAMESH BIDHURI:**

Will the **Minister of Ayush** be pleased to state:

- (a) whether the Government has proposed to introduce a special AYUSH visa for foreign nationals to facilitate them in taking the advantage of traditional medicines in the country;
- (b) if so, the details thereof;
- (c) whether the Government has taken any steps to promote AYUSH treatment world-wide; and
- (d) if so, the details thereof?

**ANSWER**

**THE MINISTER OF AYUSH**  
**(SHRI SARBANANDA SONOWAL)**

(a) & (b) During the inaugural ceremony of the “Global Ayush Investment and Innovation Summit” held on 20.04.2022 at Gandhinagar, Gujarat, the Hon'ble Prime Minister made



the announcement to launch a special category of Ayush visa for foreign visitors for Ayush medical travel/education/treatment including Yoga. The same has been taken up with the Ministry of Home Affairs and the Ministry of External Affairs.

(c) & (d) The Ministry has developed a Central Sector Scheme for the Promotion of International Co-operation in AYUSH (IC Scheme) under which the Ministry of Ayush provides support to Indian Ayush drug Manufacturers/ Ayush Service providers to give boost to the export of AYUSH products & services; facilitates the International promotion, development and recognition of AYUSH system of medicine; foster interaction of stakeholders and market development of AYUSH at international level; promote academics and research through the establishment of AYUSH Academic Chairs in foreign countries and holding training workshop/symposiums for promoting and strengthening awareness and interest about AYUSH Systems of Medicine at international level.

The Ministry of Ayush has taken the following steps towards the international recognition for AYUSH systems of medicine:

- Signed 24 Country to Country MoUs for Cooperation in field of Traditional Medicine and Homoeopathy with foreign nations.
- Signed 40 MoUs with international institutes for undertaking Collaborative Research / Academic collaboration.
- Signed 15 MoUs with international institutes for setting up of AYUSH Academic Chairs in foreign nations.
- supported for the establishment of 38 Ayush Information Cells in 34 foreign nations.
- Offers scholarships to foreign nationals for undertaking AYUSH courses in recognized AYUSH institutions in India under International Ayush Fellowship/Scholarship Programme.
- In cooperation with QCI, got developed Quality Certification programme viz. Ayush mark and Premium mark to increase reliability of standards of ASU&H Products.

- Given WHO-GMP (COPP) to 31 Ayurvedic Drug manufacturers to facilitate the export of Ayurveda, Siddha, and Unani & Homoeopathy Drugs.
- Signed an agreement with WHO to establish WHO-GCTM in Jamnagar, Gujarat, the ground-breaking Ceremony of which was attended by the Hon'ble Prime Minister of India, Director General of WHO and other esteemed dignitaries on 19.04.2022 in Jamnagar, Gujarat. This Centre aims to provide support to implement WHO's traditional medicine strategy (2014-23) and to support nations in developing policies & action plans to strengthen the role of traditional medicine as part of their journey to universal health coverage.

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**GOVERNMENT OF INDIA  
MINISTRY OF AYUSH**

**LOK SABHA  
UNSTARRED QUESTION NO.399  
ANSWERED ON 3<sup>rd</sup> FEBRUARY, 2023**

**AYUSH Hospital in Telangana**

399. DR. G. RANJITH REDDY:  
SHRIMATI KAVITHA MALOTHU:  
SHRI VENKATESH NETHA BORLAKUNTA:

Will the Minister of AYUSH be pleased to state:

- (a) whether the Government has any proposal to establish AYUSH hospital in Anantgiri, Vikarabad District of Telangana and if so, the details thereof;
- (b) whether there is any cost and time overrun of the proposed project;
- (c) if so, the reasons therefor;
- (d) the time by which the said AYUSH hospital is likely to become functional; and
- (e) the details of essential diagnostic facilities, drugs, equipments, etc., to be provided in the said hospital?

**ANSWER**

**THE MINISTER OF AYUSH  
(SHRI SARBANANDA SONOWAL)**

(a) to (e) Public Health being State subject, establishment of AYUSH hospitals comes under the purview of the respective State/UT Government including Anantgiri, Vikarabad District of Telangana. However, under the Centrally Sponsored Scheme of National AYUSH Mission (NAM), there is a provision for financial assistance for setting up of 50/30/10 bedded integrated AYUSH Hospital. Under NAM, as per the proposal received from the State Government of Telangana through State Annual Action Plan (SAAP), Ministry of Ayush has approved Rs. 600.00 lakhs as 1<sup>st</sup> instalment against projected cost estimate of Rs.757.15 lakhs under submitted Detailed Project Report (DPR) for setting up of 50 bedded integrated AYUSH Hospital at Anantgiri, Vikarabad District in the year 2016-17. As per the information received from State Government, no expenditure has been made regarding construction of 50 bedded integrated AYUSH Hospital at Anantgiri, Vikarabad District. Since, implementation of the Scheme comes under the purview of respective State Government and accordingly, no specific timeline has been fixed by the Government of India for completion of this project of integrated AYUSH hospital and its functionality. Further, as per NAM guidelines, under the component of setting up of 50 bedded integrated AYUSH Hospital, provision has also been made for equipping the hospital with essential diagnostic facilities, drugs, equipment and furniture.

**GOVERNMENT OF INDIA  
MINISTRY OF AYUSH**

**LOK SABHA  
UNSTARRED QUESTION NO. 419  
TO BE ANSWERED ON 03<sup>rd</sup> FEBRUARY, 2023**

**“Ayurveda Diet Products”**

**419. SHRIMATI HEMA MALINI:**

Will the Minister of AYUSH be pleased to state:

- (a) whether the Ministry has formulated rules for ‘Ayurveda Diet’ products;
- (b) if so, the details thereof;
- (c) whether adequate measures are being taken to create public awareness towards ‘Ayurveda Diet’; and
- (d) if so, the details thereof?

**ANSWER  
THE MINISTER OF AYUSH  
(SHRI SARBANANDA SONOWAL)**

(a) and (b) Yes, Madam. In order to recognize India's age old principles of Ayurveda and the Aahar prepared as per ancient texts, Food Safety and Standards Authority of India (FSSAI) has formulated Food Safety and Standards (Ayurveda Aahar) Regulations, 2022 in consultation with the Ministry of Ayush and notified the regulations in the official gazette on 5<sup>th</sup> May, 2022.

The regulations define "Ayurveda Aahar" a food prepared in accordance with the recipes or ingredients or processes as per method described in the authoritative books of Ayurveda listed under 'Schedule A' of these regulations. The Regulations, inter-alia, exclude:

- Ayurvedic drugs or proprietary Ayurvedic medicines and medicinal products, cosmetics, narcotic or psychotropic substances,
- Herbs listed under Schedule E-1 of Drugs & Cosmetics Act, 1940 and Rules 1945 thereunder.
- Metals based Ayurvedic drugs or medicines, bhasma or pishti,
- Any other ingredients notified by the Authority from time to time,
- Food items in daily use (pulses, rice, flour, vegetables) without addition of Ayurveda ingredients.

For ease of identification and assurance about genuineness of the product, all such products shall carry word "AYURVEDA AAHAR" in close proximity to the product; and the specified logo in front of the pack of the label. The label shall carry statutory warning – 'ONLY FOR DIETARY USE'. Other labelling requirements have also been specified.

(c) and (d) Yes, Madam. FSSAI has formulated a logo for Ayurveda Aahar to create its unique identity for easy identification and the same was launched by the Hon'ble Minister for Health and Family Welfare on June 07, 2022. The Ministry implements the Central Sector Scheme for Promotion of Information Education and Communication (IEC) in AYUSH to create awareness regarding AYUSH Systems of Medicine. This aims to reach out to all sections of the population across the country. This scheme provides assistance for organizing National/State Arogya Fairs, Yoga Fests/Utsavs, Ayurveda Parvs etc. The Ministry also undertakes Multi-Media, Print Media Campaigns for creating awareness about Ayush systems.

Under the Convergence of Poshan Abhiyan, Ministry of Ayush is a key partner of Ministry of Women and Child Development. Ministry of Ayush has actively participated in the Jan andolan activities under Poshan Abhiyan celebrated as Poshan Pakhwada (around March) and Poshan

Maah (during the month of September) every year. During the Rashtriya Poshan Maah theme wise activities are conducted throughout the country. These activities include awareness campaigns on Ayurveda for well being, awareness about regional and seasonal food, traditional food for healthy mother and child, recipe competition etc.

Ministry of Ayush also participated in the celebration of Poshan Maah and Poshan Pakhwada organized by the Ministry of Women and Child Development through the National Institutes/Research Councils under the Ministry and had also requested to all the Ayush Departments of all the States/UTs for the same. The week wise activities covered under Rashtriya Poshan Maah to promote "Ayush Aahar" in the country are as under:

- First Week: Plantation activity in the form of Poshan Vatika at the spaces available in Aanganwadi Centres, Gram Panchayat, Schools, etc.
- Second Week: Yoga and Ayush for Nutrition (Yoga Sessions targeted for various groups like pregnant women, children and adolescent girls).
- Third Week: Distribution of Nutrition Kits comprising of regional nutritious food to beneficiaries of Aanganwadi along with IEC material in high burden districts.
- Fourth Week: Identification of Severely Acute Malnourished (SAM) children and organising Community Kitchen for the beneficiaries.

As per the “Mission Saksham Anganwadi and Poshan 2.0” guidelines published by Ministry of Women and Child Development, Government of India, role of Ministry of Ayush is as follows -

- To recommend simple Ayurveda interventions to improve digestive capacity
- To populate Poshan Vatikas with medicinal plant and saplings, technical assistance, etc.
- To recommend local recipes integrating locally grown vegetables & food substances, red rice, various millets etc. Ghee or locally produced oils in THR recipes and Cow’s milk.
- To recommend various AYUSH practices/ products that have been successfully used for reducing wasting, anemia, and low birth weight and bolster immunity. Convergence of 7 lakh AYUSH registered practitioners with States/UTs to derive maximum benefits

- Anganwadi workers to be encouraged to undergo the short training programs developed by Ministry of Ayush in collaboration with Skill council for “Ayurveda Poshan Sahayak’ to strengthen integration of AYUSH component.

National Institutes and Research Councils under Ministry of Ayush has taken following measures to create awareness regarding ‘Ayurvedic Aahar’ –

- i. All India Institute of Ayurveda (AIIA) under Ministry of Ayush is creating awareness for Ayurveda ahara by circulating IEC material in Community through health check camps and displayed the same in respective facilities.
- ii. Institute of Teaching and Research in Ayurveda (ITRA), under Ministry of Ayush has organized Awareness lectures about Ayurveda Aahar in public interest. Further, following activities has also been conducted by ITRA-
  - Exhibition of banners on Aahar,
  - Distribution of IEC material,
  - Nukkad Natak on Ayurveda Aahar,
  - Teachers Training Program
- iii. National Institute of Ayurveda (NIA) under Ministry of Ayush had organised a three day long Ayush Expo and Food festival from 11th to 13<sup>th</sup> March’2022 at Shilpgram, Jawahar Kala Kendra, Jaipur. The expo was an extension to the expo held on 2nd November 2021 for Ayurveda day 2021 themed “Ayurveda for Poshan”. The main purpose of the event was to propagate and promote the idea of healthy Ayurveda nutrition amongst the general public of Rajasthan. National Institute of Ayurveda has also conducted following:
  - State level cooking competition ‘Nalpaka’ for general public in which the participants prepared various Ayush Aahara.
  - Institute level competitions for preparation of Ayush Aahara.
  - Prepared IEC material displayed at “ Kartavya Path” , “Indian International Trade fair” , Bharat Parv , Global Ayush Investment and Innovation Summit (held at Gandhinagar) and at various other expo and fairs.
  - Many food items prepared with the guidelines like - JauSattu (3 variants), Ayush Atta, Triphala Jam and Ragi cookies etc were also displayed and sold at Kartavya Path” , “Indian International Trade fair” , Bharat Parv , Global Ayush Investment and Innovation Summit (held at Gandhinagar) and at various other expo and fairs.

- Awareness lectures and camps in and around Jaipur.
- iv. Rashtriya Ayurveda Vidyapeeth (RAV) has conducted one day sensitization programme on 'Ayurveda Aahara' on 28.01.2023 at Delhi.
- v. The Central Council for Research in Ayurvedic Sciences (CCRAS) is organizing various activities viz. Ayurveda day, Poshan maah (in the month of September), poshan pakhwada (in the month of march) and also participating in various webinars, seminars, conferences for creating public awareness towards Ayurveda diet and products through its robust network of 30 peripheral institutes and Headquarters office under the directives of Ministry of Ayush. CCRAS is also organizing regular lectures for awareness through Out Patient Department (OPD) and research oriented outreach health care programme viz. Tribal health care research programme, Women and child health care program under SCSP, Ayurveda mobile health care program under SCSP, National Programme for prevention and Control of Cancer, Diabetes, Cardio-vascular disease and Stroke (NPCDCS) and north east programs in all peripheral units. During the celebration of 7<sup>th</sup> Ayurveda day 2022, approximately 127 Ayurveda Aahar related activities were organized by the CCRAS and total number of beneficiaries were approximately 22914.

CCRAS has also published Ayurveda Based Diet and Life Style Guidelines for Prevention of Cardiac Disorders, Ayurveda based diet & life Style Guidelines for Prevention and Management of Skin Diseases and Ayurveda-Based Dietary Guidelines for Mental Disorders which are available on the CCRAS's website.

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**GOVERNMENT OF INDIA  
MINISTRY OF AYUSH**

**LOK SABHA  
UNSTARRED QUESTION No. 429  
TO BE ANSWERED ON 03/02/2023**

**World Ayurveda Foundation**

429. SHRI FEROZE VARUN GANDHI:

Will the Minister of Ayush be pleased to state:

- (a) whether the Arogya Fairs are helping to spread, promote and propagate AYUSH in the country including Uttar Pradesh;
- (b) if so, the details thereof;
- (c) whether any collaborative efforts have been made by the Government in co-operation with the World Ayurveda Foundation to promote Indian Ayurveda in other countries; and
- (d) if so, the details thereof;

**ANSWER**  
**THE MINISTER OF AYUSH**  
**(SHRI SARBANANDA SONOWAL)**

**(a)&(b)** Yes, the National and State Arogya Fairs organised under the Central Sector Scheme for Promotion of Information, Education and Communication (IEC) in Ayush is helping to spread, promote and propagate Ayush in the country. The Ministry has organised 2 State level Arogya Fairs during the Financial Year 2021-22 and has organised 2 National Arogya Fairs & 1 State Arogya Fair in the Current Financial Year 2022-23.

**(c)& (d)** The Ministry of Ayush and its Autonomous Bodies have collaborated with World Ayurveda Foundation to promote Ayurveda at National and International Level. Ministry of Ayush has recently supported the World Ayurveda Foundation in the organization of the 9th World Ayurveda Congress & AROGYA Expo in Panjim, Goa during 8<sup>th</sup> to 11<sup>th</sup> December 2022.

**GOVERNMENT OF INDIA**  
**MINISTRY OF AYUSH**

**LOK SABHA**

**UNSTARRED QUESTION NO. 437 FOR 03.02.2023**

**MEGA PARK FOR AYURVEDIC MEDICINES**

**437. SHRIMATI DELKAR KALABEN MOHANBHAI:**

Will the Minister of AYUSH be pleased to state:



- (a) whether the Government proposes to set up mega parks to manufacture of Ayurveda medicines in Dadra Nagar Haveli and Daman Diu for promotion of indigenous medicines;
- (b) if so, the details thereof;
- (c) whether the Government has invited private investors to set up such parks;
- (d) if so, the details thereof; and
- (e) the budget allocation for setting up such parks, State/UT-wise including Dadra Nagar Haveli and Daman Diu?

**ANSWER**  
**THE MINISTER OF AYUSH**  
**(SHRI SARBANANDA SONOWAL)**

**(a),(b), (c), (d) & (e)**

There is no proposal to set up Mega Parks for production of Ayurveda medicines in Dadra Nagar Haveli and Daman Diu as a measure to promote the indigenous medicines.

GOVERNMENT OF INDIA  
MINISTRY OF AYUSH

**LOK SABHA**  
**UNSTARRED QUESTION NO.-443**  
ANSWERED ON 03/02/2023

**Ayurveda Hospital and Medical Colleges**

**443. SHRI SHANKAR LALWANI:**  
**DR. BHARATIBEN DHIRUBHAI SHIYAL:**

Will the Minister of AYUSH be pleased to state:-

- (a) whether the Government has formulated any scheme to establish Ayurveda hospitals and medical colleges across the country on the lines of AIIMS to promote Ayurveda, the traditional system of medicine;
- (b) if so, the details thereof;

(c) the number of such colleges proposed to be established in Gujarat and whether locations have been identified for the same;

(d) if so, the details thereof, location-wise; and

(e) whether the Government has formulated any plan to start entrance exam on the lines of NEET for the students of Ayurveda stream and if so, the details thereof?

## **ANSWER**

### **MINISTER OF AYUSH (SARBANANDA SONOWAL)**

(a) & (b) At present no such proposal is under consideration by the Central Government to establish new Ayurveda Hospitals and Medical Colleges across the Country on the lines of AIIMS to promote Ayurveda, the Traditional System of Medicine.

However, the following existing National Institutes with their attached Hospitals under the Ministry of Ayush are imparting quality Medical Education and Health services in the country:-

- i. National Institute of Ayurveda (NIA), Jaipur (Rajasthan)
- ii. All India Institute of Ayurveda (AIIA), New Delhi
- iii. Institute of Teaching and Research in Ayurveda (ITRA), Jamnagar (Gujarat)
- iv. North Eastern Institute of Ayurveda and Homeopathy (NEIAH), Shillong (Meghalaya)
- v. All India Institute of Ayurveda, Goa.

(c) & (d) Public Health being a State subject, establishment of Ayurveda Medical College and Hospital comes under purview of respective State/UT Governments.

However, under the Centrally Sponsored Scheme of National AYUSH Mission (NAM), there is provision of financial assistance for establishment of new AYUSH Colleges in the States where availability of AYUSH teaching institutions is inadequate in Government Sector and setting up of 50/30/10 bedded integrated AYUSH Hospitals. State Government may avail eligible financial assistance by projecting the same through State Annual Action Plan (SAAP) as per the provisions of NAM guidelines. Further, No proposal has been received from the State Government of Gujarat to National Commission for Indian System of Medicine (NCISM) to establish new Ayurveda College in Gujarat State for the A.Y.2022-23 and 2023-24.

(e) At present, NEET (UG) qualified candidates are eligible for allotment of UG seats under Ayurveda Sidhha, Unani and Homoeopathy Medical streams.

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GOVERNMENT OF INDIA

MINISTRY OF AYUSH

**LOK SABHA**

**UNSTARRED QUESTION NO.-448**

ANSWERED ON 03/02/2023

**DEVELOPMENT OF AYUSH EDUCATION**

**448 #SHRI C.N. ANNADURAI:**

**SHRI DHANUSH M. KUMAR:**

**SHRIMATI MANJULATA MANDAL:**

Will the Minister of **AYUSH** be pleased to state:

- (a) whether few AYUSH colleges/institutes have been set up by the Government and if so, the details thereof and reasons therefor;
- (b) whether the Government proposes to set up/recognize new AYUSH colleges and train the doctors in order to address the problem of shortage of doctors in the country and if so, the details thereof, indicating criteria fixed therefor and challenges faced therein;
- (c) whether the Government has set up any regulator/regulatory mechanism to supervise and regulate AYUSH education in the country and if so, the details thereof;
- (d) whether the Government proposes to create more educational opportunities in the AYUSH Sector in the country including Tamil Nadu and Odisha and if so, the details thereof; and
- (e) the steps taken by the Government for promotion and development of AYUSH education in the country?

## **ANSWER**

### **MINISTRY OF AYUSH (SHRI SARBANANDA SONOWAL)**

- (a) As on date 31.01.2023, the information regarding Govt. AYUSH Colleges in the country enclosed at **Annexure-I**
  
- (b) Public Health being is a State subject, establishment of new educational institutions for the education system of AYUSH comes under the purview of respective State/UT Governments. However, the proposals received in NCISM (National Commission for Indian system of Medicine) and NCH (National Commission for Homeopathy) from various State Government regarding establishment of new Government AYUSH Medical Colleges, for the Academic Year 2022-23 are placed at **Annexure-II**.

Further, NCISM has developed competency based/outcome based syllabus for Ayurveda, Siddha, Unani and Sowa-Rigpa streams based on the National Education Policy (NEP) to train the doctors.

- (c) In order to regulate/ensure transparency, to improve quality and functioning of AYUSH colleges across the Country, the National Commission for Indian System of Medicine (NCISM) Act, 2020 and National Commission for Homoeopathy (NCH) Act, 2020 were notified and published on 21<sup>st</sup> September, 2020 in the Official Gazette of India. Under National Commission for Indian System of Medicine (NCISM) Act, 2020, the following are the regulatory bodies to supervise and regulate Ayurveda, Siddha, Unani and Sowa-Rigpa education in the country:-

- i. The Board of Ayurveda;
- ii. The Board of Unani, Siddha and Sowa-Rigpa;
- iii. The Medical Assessment and Rating Board for Indian System of Medicine; and
- iv. The Board of Ethics and Registration for Indian System of Medicine.

Under National Commission for Homoeopathy (NCH) Act, 2020, the following are the regulatory bodies to supervise and regulate Homoeopathic Medical Colleges & Hospital and Homoeopathy curriculum in the country:-

- i. The Homoeopathy Education Board;
- ii. The Medical Assessment and Rating Board for Homoeopathy;
- iii. The Board of Ethics and Registration for Homoeopathy.

Further, all these regulatory Boards under NCISM & NCH works under the ambit of the National Commission for Indian System of Medicine (NCISM) Act, 2020 and the National Commission for Homoeopathy (NCH) Act, 2020, respectively.

The National Commission for Indian System of Medicine (NCISM) Act, 2020, is available at the following link: <https://ncismindia.org/ncism-act-2020.php>

The National Commission for Homoeopathy (NCH) Act, 2020, is available at the following link: [http://nch.org.in/upload/pdf\\_upload-381801.pdf](http://nch.org.in/upload/pdf_upload-381801.pdf)

- (d) The proposals received in NCISM (National Commission for Indian system of Medicine) and NCH (National Commission for Homeopathy) from various State Government

regarding establishment of new Government AYUSH Medical Colleges, for the Academic Year 2022-23 are placed at **Annexure-II**

Further, under NAM, there is provision of financial assistance for establishment of new AYUSH Colleges in the States where availability of AYUSH teaching institutions is inadequate in Government Sector. State Government may avail eligible financial assistance by projecting the same through State Annual Action Plan (SAAP) as per the provisions of NAM guidelines. The details of AYUSH colleges approved under NAM are furnished as **Annexure-III**. This will create more educational opportunities in the AYUSH sector.

- (e) The steps taken by Government for the promotion and development of AYUSH education in the country are placed at **Annexure-IV**.

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**Annexure-I****Details of AYUSH Government Medical Colleges in the Country as on dated 31.01.2023**

<b>Sl. No.</b>	<b>State/UT</b>	<b>No. of Ayurveda Colleges</b>	<b>No. of Siddha Colleges</b>	<b>No. of Unani Colleges</b>	<b>No. of Sowa-Rigpa Colleges</b>	<b>No. of Homoeopathy Colleges</b>
1.	Andhra Pradesh	01	-	-	-	03
2.	Arunachal Pradesh	-	-	-	-	-
3.	Assam	01	-	-	-	03
4.	Andaman and Nicobar Islands	-	-	-	-	-
5.	Bihar	02	-	01	-	01
6.	Chandigarh	-	-	-	-	-
7.	Chhattisgarh	02	-	-	-	-
8.	NCT of Delhi	03	-	01	-	02
9.	Dadra Nagar Haveli and Daman Diu	-	-	-	-	-
10.	Goa	01	-	-	-	-
11.	Gujarat	07	-	-	-	04
12.	Haryana	03	-	-	-	-
13.	Himachal Pradesh	01	-	-	-	-
14.	Jammu and Kashmir	01	-	02	-	-
15.	Jharkhand	-	-	-	-	01
16.	Karnataka	04	-	02	-	01
17.	Kerala	03	-	-	-	06
18.	Ladakh	-	-	-	02	-
19.	Lakshadweep	-	-	-	-	-
20.	Madhya Pradesh	07	-	01	-	01

21.	Maharashtra	06	-	-	-	01
22.	Manipur	-	-	-	-	-
23.	Meghalaya	01	-	-	-	01
24.	Mizoram	-	-	-	-	-
25.	Nagaland	-	-	-	-	-
26.	Orissa	03	-	-	-	04
27.	Pondicherry	01	-	-	-	-
28.	Punjab	01	-	-	-	-
29.	Rajasthan	03	-	01	-	02
30.	Sikkim	-	-	-	01	-
31.	Tamil Nadu	01	03	01	-	01
32.	Telangana	02	-	02	-	01
33.	Tripura	-	-	-	-	-
34.	Uttar Pradesh	09	-	03	01	09
35.	Uttarakhand	03	-	-	-	-
36.	West Bengal	02	-	-	-	05
<b>Total</b>		<b>68</b>	<b>03</b>	<b>14</b>	<b>04</b>	<b>46</b>

**Grand Total AYUSH Government Colleges-135**



## Annexure-II

### Details of Proposals received from various State Governments to setting up new Ayush Government Medical Colleges for Academic session 2022-23

Sr. No.	State	Ayurveda College	Unani College	Siddha College	Sowa Rigpa College	Homoeopathy College
1	Maharashtra	Govt. Ayurveda College and Hospital, Baramati, at Post-Medad, S. No.-414/1, Morgaon Road, Baramati, Dist. Pune-413102, Maharashtra	NIL	NIL	NIL	NIL
2	Rajasthan	Govt. Ayurved Mahavidhalaya, Vaid Dadudayal Joshi Rajkiya Zila Ayurved Chikisalya, Talvandi, Kota-324005, Rajasthan				
3	Rajasthan	Govt. Ayurved Mahavidhalaya, Opp. Shri Vrishbhanu Kumari (SVK) Girls Higher Secondary School, Atalband, Bharatpur-321001, Rajasthan				
4	Rajasthan	Govt. Ayurved Mahavidhalaya, Kekari, Ajmer-305404, Rajasthan				
5	Rajasthan	Govt. Ayurved Mahavidhalaya, Govt. Zila Chikitsalya, Bandra Baas, Bikaner-334001, Rajasthan				
6	Rajasthan	Govt. Ayurved Mahavidhalaya, Pratap Nagar, Jaipur-302033, Rajasthan				

7	Rajasthan	Govt. Ayurved Mahavidhalaya, Dr. Rajendra Prasad Zila Ayurved Chikitsalaya, Ranisati Road, Sikar-332001, Rajasthan				
8	Haryana	Baba Khetanath Govt. Ayurvedic College and Hospital, village-Patikara, Narnaul, Dist-Mahendragarh, Haryana				
9	Bihar	Govt. Maharani Rameshwari Institute of Indian Medical Sciences, Mohanpur, Darbhanga, Bihar-846007				

**Annexure-III****The State/UT wise list of approved New Educational Institutions under NAM:**

<b>S.No.</b>	<b>Name of the State/UT</b>	<b>Location</b>
1	Andhra Pradesh	Government Naturopathy & Yoga Medical College at Vishakapatnam
2	Karnataka	Govt. Nature cure & Yoga College at Mysore
		Men-Tsee-Khang (Sowa Rigpa) College, Bangalore
3	Manipur	Homoeopathic Medical College at Keirao, Manipur
4	Sikkim	Namgyal Institute of Tibetology (Sowa Rigpa), Deorali, Gangtok
5	Haryana	Government Unani College & Hospital at Akera, Distt. Nuh
		Government Homeopathic College & Hospital at Village Chandpura, Ambala Cantt., District Ambala
6	West Bengal	Yoga and Naturopathy Degree College at Belur State General Hospital, Howrah
7	Jammu & Kashmir	Government Ayurved College. Ankhnoor, Jammu
8	Gujarat	Govt. Ayurveda College, Surendernagar
9	Uttar Pradesh	State Ayurvedic Medical College & Hospital, Ayodhya
		State Homoeopathic Medical College & Hospital, Varanasi
10	Tamil Nadu	Government Siddha Medical College, Palani, Dindigul District

## Annexure IV

### **The steps taken by Government for the promotion and development of AYUSH education in the country:**

- xi. Minimum Standard Requirements in Medical Education (Ayurveda, Siddha, Unani and Sowa-Rigpa undergraduate courses) have been notified.
- xii. NCISM has prepared and implemented 1<sup>st</sup> professional competency based/outcome based syllabus for Ayurveda, Siddha, Unani and Sowa-Rigpa streams based on the National Education Policy (NEP).
- xiii. Since NCISM is focusing on skill development, teaching hours to be devoted for practical/clinical training has been made twice in respect to classroom teaching hours.
- xiv. To acquaint knowledge in multidisciplinary aspects, online Elective courses have been implemented for all Ayurveda, Siddha, Unani and Sowa-Rigpa Colleges.
- xv. An orientation program for all PG guides has been conducted by the NCISM to improve the quality of PG dissertation work and subsequent publications in ASU colleges.
- xvi. NCISM has initiated the proceedings to facilitate industry academic interface to provide industry oriented training for ASU PG students.
- xvii. Steps have been taken by NCISM to formulate the Methodology to incorporate Modern Advances, Scientific and Technological Development in the curriculum of ASU.
- xviii. A uniform entrance examination namely, the National Eligibility Entrance Test (NEET) for admission to all Ayurveda, Siddha, Unani and Homoeopathy (ASU & H) Undergraduate courses.
- xix. A uniform entrance examination namely, the All India AYUSH Post Graduate Entrance Test (AIAPGET) for admission to postgraduate course in all ASU & H Institutions.
- xx. All India Quota Seats has been created: Minimum 15% of the total seats (which may be more as per existing rules of the concerned State/University/Institutes) of all ASU & H (UG & PG) courses in Government, Government aided, Private Colleges, Deemed Universities, Central Universities and National Institutes from academic year 2019-20.

- xxi. A module of Indian system of Medicine (for ASU System) as Electives for MBBS Interns has been drafted.
- xxii. AYUSH Module for B.Sc. Nursing- Integration of Ayush in national health Care System had been drafted.
- xxiii. Early clinical exposure to medical students also implemented from first year of the course/ program.
- xxiv. NCISM has trained master trainers who are well-oriented in publication ethics, research integrity and scientific writing so as to train all PG guides of ASUS post graduate institutions across the country.
- xxv. NCISM has trained around teaching faculties of Ayurveda, Siddha, Unani and Sowa-Rigpa as educational technologists.
- xxvi. NCISM made MoU with CCRAS to provide research grant for UG and PG students under SPARK scheme.
- xxvii. Heal by India: Orientation program on overseas opportunities for final professional students and interns of ASUS has been initiated.

**GOVERNMENT OF INDIA  
MINISTRY OF AYUSH**

**LOK SABHA  
UNSTARRED QUESTION NO-458  
FOR 03.02.2023**

**NATUROPATHY TREATMENT**

**458. SHRI GUMAN SINGH DAMOR:**

Will the Minister of **Ayush** be pleased to state:

- f. the details of diseases treated in the Naturopathy system;
- g. the steps taken by the Government to popularize the Naturopathy;
- h. the details of Naturopathy training centres, location-wise;
- i. the eligibility criteria to offer appointment to Naturopathy doctors;

- j. whether the Government proposes to set up Naturopathy centres in AYUSH hospitals in every district of the country; and
- k. if so, the details thereof and if not, whether the Government proposes to consider setting up such centres in future?

## ANSWER

THE MINISTER OF AYUSH

(SHRI SARBANANDA SONOWAL)

**(a):** Naturopathy is used to treat a diverse range of diseases barring the conditions which require medical/ surgical emergency interventions. All the psychosomatic and lifestyle related diseases can be treated by Naturopathy.

**(b):** Ministry of Ayush promotes Naturopathy through its two autonomous bodies namely, Central Council for Research in Yoga & Naturopathy (CCRYN), New Delhi and National Institute of Naturopathy (NIN), Pune. CCRYN is the apex body for research and development in the Yoga and Naturopathy systems. NIN, a premier institute for Naturopathy, organizes activities related to Yoga and Naturopathy. The activities and programs of CCRYN and NIN are available on the websites i.e. [www.ccryn.gov.in](http://www.ccryn.gov.in) and [ninpune.ayush.gov.in](http://ninpune.ayush.gov.in) respectively.

An Information Education and Communication (IEC) Scheme, has been devised by the Ministry, activities under which include steps to reach out to people to promote awareness about Ayush systems including Naturopathy. Various activities like public events, conferences, exhibitions, camps & programs on TV, Radio, Print-media etc. are supported under the IEC Scheme.

Also, Ministry is implementing the Centrally Sponsored Scheme of National Ayush Mission (NAM) through State/UT Governments for the development & promotion of different Ayush systems (including Naturopathy) in the country including rural areas and providing financial assistance to them as per the proposals received in their State Annual Action Plans (SAAPs). State/UT Governments may avail financial assistance by submitting proposals through State Annual Action Plans (SAAPs) as per NAM guidelines.

**(c) and (d) :** No such data is maintained in the Ministry of Ayush. However, training has been imparted to Naturopathy doctors in the National Institute of Naturopathy (NIN), an autonomous body under the Ministry of Ayush. Since Public Health is a State subject, the primary responsibility to formulate criteria to offer appointment to trained Naturopathy doctors is with the respective State/ UT Governments.

**(e) and (f):** At present, there is no such proposal to set up Naturopathy Centres in AYUSH hospitals in every district of the country.

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**GOVERNMENT OF INDIA  
MINISTRY OF AYUSH**

**LOK SABHA  
UNSTARRED QUESTION NO.459  
ANSWERED ON 3<sup>rd</sup> FEBRUARY, 2023**

**Promotion of AYUSH in Rajasthan**

459. SHRI ARJUN LAL MEENA:

Will the Minister of AYUSH be pleased to state:

(a) the budget allocation made under various heads like Ayurveda education, Ayurveda medicines, AYUSH doctors, AYUSH publicity department etc. in Rajasthan; and

(b) the facilities, resources, medicines provided/ likely to be provided by the Government for the promotion of AYUSH in view of affordability of this system in rural areas of Rajasthan?

**ANSWER  
THE MINISTER OF AYUSH  
(SHRI SARBANANDA SONOWAL)**

(a) & (b) Ministry of Ayush is implementing the Centrally Sponsored Scheme of the National AYUSH Mission (NAM) through State/UT Governments and supporting their efforts for the development and promotion of AYUSH systems of medicine in the country including rural areas of Rajasthan in view of affordability of these systems by providing financial assistance to them under different activities as per the provision of NAM guidelines against their submitted State Annual Action Plans (SAAPs). The NAM inter-alia envisages better access to AYUSH services through increase in number of AYUSH Hospitals and Dispensaries, operationalization of AYUSH Health and Wellness Centres by upgrading existing AYUSH dispensaries and Sub Health Centres to provide comprehensive primary health care at grass root level to general public with focus on AYUSH system of medicine, mainstreaming of AYUSH through co-location of AYUSH facilities at Primary Health Centres (PHCs), Community Health Centres (CHCs) and District Hospitals (DHs), ensure availability of AYUSH drugs and trained manpower and AYUSH Public Health programmes. It also aims at improvement in quality of AYUSH Education through enhancement in the number of upgraded educational Institutions. Under NAM, as per the proposals received

from State Government of Rajasthan through SAAPs, Ministry of Ayush has released Rs. 230.51 Crore from 2014-15 to 2021-22 for different activities as per the provision of NAM guidelines.

**GOVERNMENT OF INDIA  
MINISTRY OF AYUSH**

**LOK SABHA**

**UNSTARRED QUESTION NO. 1411**

**TO BE ANSWERED ON 10<sup>th</sup> February, 2023**

**AYUSH Treatment for COVID-19 Patients**

**1411. SHRI SUDHEER GUPTA:  
SHRI BIDYUT BARAN MAHATO:  
SHRI PRATAPRAO JADHAV:  
SHRI SHRIRANG APPA BARNE:  
SHRI DHAIRYASHEEL SAMBHAJIRAO MANE:  
SHRI SANJAY SADASHIVRAO MANDLIK:**

Will the Minister of **AYUSH** be pleased to state:

- (a) whether the Government has collected the data about those patients who took the patronage of AYUSH treatment during the COVID-19 pandemic at home isolation, with the help of Central Siddha Research Institute in collaboration with some Universities of the country and if so, the details/ findings thereof;
- (b) whether only 0.5 per cent of such patients were admitted to the hospital for treatment and if so, the details thereof;
- (c) whether All India Institute of Ayurveda has signed a Memorandum of Understanding (MoU) with the Cuba University of Medical Sciences and if so, the details thereof;
- (d) the steps taken/being taken to set up more AYUSH centres in the country and across the world; and
- (e) whether the Government proposes to carryout research work on impact of Ayurvedic treatment on COVID-19 patients for analysing that the AYUSH treatment is more effective and if so, the details thereof?



**ANSWER**

**THE MINISTER OF AYUSH  
(SHRI SARBANANDA SONOWAL)**

(a) & (b) Yes, Sir. Central Council for Research in Siddha (CCRS) through all its Peripheral institutes and clinical Research Units conducted “Documentation of efficacy of selected Ayush Interventions Kabasura Kudineer (KSK) in asymptomatic & mild to moderate Covid-19 patients in home isolation through Ayush Sanjivani mobile app CTRI/2021/05/033623 [Registered on: 16/05/2021]

The study was conducted as an open label prospective community-based study which has been designed to capture the desired objectives of the study, based on pre-defined close ended and certain open-ended questions to collect the data through a mobile based application i.e AYUSH SANJEEVANI APP. The data was filled up in this app in a predesigned format by the treating Physicians.

Documentation of the patient enrolment with the data follow ups forms for day 1, 7<sup>th</sup> day, 14<sup>th</sup> Day & 21<sup>st</sup> day have been documented through Ayush Sanjivani App for the nationwide distribution of KSK. Nationwide distribution of Kabasura Kudineer among asymptomatic and mild symptom Covid-19 cases for 30,000 cases across the country have been documented through Ayush Sanjivani app.

**Results:**

An unpublished data of the study shows that there was significant reduction of symptoms and good improvement of health status parameters. 26.9% were recovered from Baseline symptoms on 7<sup>th</sup> Day, 44.4% were recovered from Baseline symptoms on 14<sup>th</sup> Day, 61 % were recovered from Baseline symptoms on 21<sup>st</sup> Day. Only 0.1 % required oxygen support and 0.3 % required hospitalization

(c) Yes Sir, All India Institute of Ayurveda (AIIA), an autonomous institution under the Ministry of Ayush, Govt of India has signed Memorandum of Understanding (MoU) with the **University of Medical Sciences of Havana or Universidad de Ciencias Médicas de la Habana (UCMH), The Republic of Cuba** for establishment of an academic collaboration in Ayurveda on 10<sup>th</sup> December 2022 at AIIA Goa during its inauguration by Hon’ble Prime Minister of India.

(d) Public Health being a State subject, setting up of AYUSH Centres in the Country comes under purview of respective State/UT Governments. However, under the Centrally Sponsored Scheme of National AYUSH Mission (NAM), there is provision of financial assistance for setting up of 50/30/10 bedded integrated AYUSH hospitals. State Government may avail eligible financial assistance by projecting the same through State Annual Action Plan (SAAP) as per the provisions of NAM guidelines.

The Ministry of Ayush has provided support in the establishment of Cuba's first Ayurveda Centre for holistic and preventive healthcare (i.e. Panchkarma Centre) which was inaugurated on 6th November 2019 in Havana (Cuba) under the aegis of the MoU signed between the Ministry of AYUSH of India and the Ministry of Public Health (MINSAP) of Cuba. The Ministry of Ayush also deputed an Ayurveda Expert to the Centre in Cuba in 2019 as well as supplied Ayurvedic medicines to the Ministry of Health, Cuba, for the Panchakarma Centre.

(e) Ministry of Ayush has formed an Inter-disciplinary AYUSH Research and Development Task Force chaired by Prof. Bhushan Patwardhan and having representation from scientists including Indian Council of Medical Research (ICMR), Department of Biotechnology (DBT), Council of Scientific and Industrial Research (CSIR), All India Institute of Medical Sciences (AIIMS) and AYUSH Institutions. The Interdisciplinary AYUSH Research and Development Task Force has formulated and designed clinical research protocols for prophylactic studies and add-on interventions in COVID-19 positive cases through thorough review and consultative process of experts of high repute from different organizations across the country for studying four different interventions viz. Ashwagandha, Yashtimadhu, Guduchi & Pippali and a poly herbal formulation (AYUSH-64).

Ministry of Ayush issued Gazette notification for undertaking research on COVID-19 through Ayurveda, Siddha, Unani and Homeopathy Systems including prophylactic measures, intervention during the quarantine, asymptomatic and symptomatic cases of COVID-19, Public Health Research, Survey, Lab Based Research etc. to generate evidence.

Ministry of Ayush has also launched interdisciplinary studies involving AYUSH interventions for COVID-19 based on recommendations of Task force. Under various research organizations and National Institutes under Ministry of Ayush, 150 research studies in the country are being conducted on AYUSH interventions.

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**GOVERNMENT OF INDIA  
MINISTRY OF AYUSH**

**LOK SABHA  
UNSTARRED QUESTION NO-1413  
FOR 10.02.2023**

**PROMOTION OF YOGA**

**1413. SHRI CHANDRA SEKHAR BELLANA:**

Will the Minister of **Ayush** be pleased to state:

(a) whether the Government intends to constitute a National Board for Promotion and Development of Yoga on the recommendations of the Task Force constituted for promotion of AYUSH system in the country;

(b) if so, the details thereof;

(c) if not, the reasons therefor; and

(d) the details of other such measures taken/ being taken to promote AYUSH System in the country?

### **ANSWER**

THE MINISTER OF AYUSH

(SHRI SARBANANDA SONOWAL)

**(a)& (b):**Ministry of Ayush has already constituted a National Board for Promotion and Development of Yoga and Naturopathy (NBPDYN) under the Chairmanship of Minister in-charge of Ayush with Secretary (Ayush) as Vice-Chairperson and 8 other official members and 10 non-official members (5 each from Yoga and Naturopathy field respectively).

Aims and objectives of the said Board are given below:-

1. To enhance the quality of Yoga & Naturopathy Education, Training, Therapy and Research;
2. To develop Human Resource in Yoga & Naturopathy;
3. To develop standards for Yoga & Naturopathy training and practices for voluntary adoption;
4. To promote an accreditation framework relating to Yoga and Naturopathy for voluntary implementation by institutions including drafting of curriculum & syllabus for various degrees, diplomas and programs;
5. To promote & propagate Yoga & Naturopathy at International level;
6. To develop methods of competence, and evaluation of Yoga & Naturopathy practitioners;
7. Any other item relating to development & promotion of Yoga & Naturopathy.

**(c):**Does not arise in view of (a) & (b) above.

**(d):** Ministry of Ayush and its Autonomous Bodies are promoting various Ayush systems through diverse programs and activities. The Ministry implements the Central Sector Scheme for Promotion of Information Education and Communication (IEC) in AYUSH to create awareness regarding AYUSH Systems of Medicine. This aims to reach out to all sections of the population across the country. This scheme provides assistance for organizing National/State Arogya Fairs, Yoga Fests/Utsavs, Ayurveda Parvs etc. The Ministry also undertakes Multi-Media, Print Media Campaigns for creating awareness about AYUSH Systems.

Ministry is implementing the Centrally Sponsored Scheme of National Ayush Mission (NAM) through State/UT Governments for development & promotion of different Ayush systems in the country and providing financial assistance to them as per the proposals received in their State Annual Action Plans (SAAPs). State/UT Governments may avail financial assistance by submitting proposals through State Annual Action Plans (SAAPs) as per NAM guidelines. Under National Ayush Mission (NAM), Ministry of Ayush is implementing the operationalization of 12,500 Ayush Health and Wellness Centers (HWCs) through State/UT Governments. Ministry of Ayush has also constituted a Naturopathy Registration Board (NRB) and a Yoga Certification Board (YCB) for promotion and development of Yoga and Naturopathy systems.

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**GOVERNMENT OF INDIA  
MINISTRY OF AYUSH**

**LOK SABHA  
UNSTARRED QUESTION NO. 1415  
ANSWERED ON 10<sup>th</sup> FEBRUARY, 2023**

**AYUSH Dispensaries in Odisha**

1415. SHRIMATI SARMISTHA SETHI:

Will the Minister of AYUSH be pleased to state:

- (a) the number and details of AYUSH dispensaries in Odisha district-wise;
- (b) the funds released therefor, so far;
- (c) whether the required number of doctors and sufficient infrastructure are available in the said dispensaries;
- (d) if so, the details thereof; and
- (e) if not, the reasons therefor along with the details of assistance provided by the Union Government to the State Government to resolve such problems?

**ANSWER  
THE MINISTER OF AYUSH  
(SHRI SARBANANDA SONOWAL)**

(a) The number and details of AYUSH dispensaries in Odisha district-wise is furnished at **Annexure**.

(b) Under the Centrally sponsored Scheme of National AYUSH Mission (NAM) there are provisions of financial assistance for upgradation of Government AYUSH dispensaries and supply of essential drugs to AYUSH dispensaries. Under NAM, as per the proposals submitted by the State Government of Odisha through State Annual Action Plans (SAAPs), Ministry has approved Rs. 2284.982 lakhs for upgradation of proposed AYUSH dispensaries and supply of essential drugs to AYUSH Dispensaries.

(c) to (e) As Public Health is a State subject, the status of availability of the required number of doctors and sufficient infrastructure lies with the respective State/UT Government. However, under the Upgradation of AYUSH Dispensary activity of NAM, financial assistance is being provided to the State/UT Governments for infrastructure strengthening. Ministry has approved Rs. 912.00 lakhs as one-time assistance for upgradation of 56 AYUSH dispensaries to the State Government of Odisha as per the proposals submitted by them through SAAPs.

Annexure:

**District-wise distribution of Ayush Dispensaries as on 01.04.2021 in Odisha**

S. N.	Name of the District	Ayurveda	Unani	Siddha	Yoga	Naturopathy	Homoeopathy	Sowa-Rigpa	Total
1	Angul	16	-	-	-	-	19	-	35
2	Balasore	23	2	-	-	-	32	-	57
3	Baragarh	22	-	-	-	-	17	-	39
4	Bhadrak	21	2	-	-	-	25	-	48
5	Bolangir	33	-	-	-	-	18	-	51
6	Boudh	10	-	-	-	-	4	-	14
7	Cuttack	21	2	-	-	-	29	-	52
8	Deogarh	8	-	-	-	-	2	-	10
9	Dhenkanal	22	-	-	-	-	19	-	41
10	Gajapati	7	-	-	-	-	6	-	13
11	Ganjam	48	-	-	-	-	43	-	91
12	Jagatsinghpur	11	-	-	-	-	17	-	28
13	Jajpur	25	-	-	-	-	21	-	46
14	Jharsuguda	9	-	-	-	-	8	-	17
15	Klahandi	20	-	-	-	-	18	-	38
16	Kandhamal	16	1	-	-	-	19	-	36
17	Kendrapada	15	1	-	-	-	19	-	35
18	Keonjhar	49	-	-	-	-	34	-	83
19	Khurda	22	-	-	-	-	26	-	48
20	Koraput	18	-	-	-	-	18	-	36
21	Malkangiri	7	-	-	-	-	8	-	15
22	Mayurbhanj	45	-	-	-	-	44	-	89
23	Nabarangapur	10	-	-	-	-	5	-	15
24	Nayagarh	22	-	-	-	-	16	-	38
25	Nuapada	15	-	-	-	-	20	-	35
26	Puri	23	1	-	-	-	16	-	40
27	Rayagada	20	-	-	-	-	14	-	34
28	Sambalpur	15	-	-	-	-	15	-	30
29	Sonepur	14	-	-	-	-	5	-	19
30	Sundargarh	33	-	-	-	-	25	-	58
<b>TOTAL</b>		<b>620</b>	<b>9</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>562</b>	<b>0</b>	<b>1191</b>

**GOVERNMENT OF INDIA  
MINISTRY OF AYUSH**

**LOK SABHA  
UNSTARRED QUESTION NO. † 1416  
ANSWERED ON 10<sup>th</sup> FEBRUARY, 2023**

**National Medicinal Plants Board**

†1416 SHRIMATI GOMATI SAI:

Will the Minister of Ayush be pleased to state:

- (a) whether the National Medicinal Plants Board is functioning in the country indicating its terms of reference;
- (b) whether the Government has taken any steps to promote Ayurveda medicinal substances;
- (c) if so, the details thereof; and
- (d) if not, the reasons therefor?

**ANSWER**  
**THE MINISTER OF AYUSH**  
**(SHRI SARBANANDA SONOWAL)**

**(a):** The Government of India has set up National Medicinal Plants Board (NMPB) in year 2000 to promote and develop the medicinal plants sector. The primary mandate of NMPB is to develop an appropriate mechanism for coordination between various Ministries / Departments / Organizations in the country and implements, support policies / programs for overall (conservation, cultivation, trade and export) growth of medicinal plants sector both at the Central / State and International level.

**(b) & (c):** The medicinal plants are the main ingredients of the Ayurvedic medicines and to promote the medicinal plants sector and make their raw material availability for Ayurvedic medicines, the NMPB since its inception has been implementing various schemes and activities on medicinal plants throughout the country.

Presently, NMPB is implementing a *Central Sector Scheme for Conservation, Development and Sustainable Management of Medicinal Plants*. Under the scheme project based support is provided for following activities on medicinal plants:

- In-situ Conservation, Resource Augmentation in Forest Areas
- Support to Joint Forest Management Committees / Panchayats / Van Panchayats / Biodiversity Management Committees / Self Help Groups etc. for livelihood generation
- Ex-situ Conservation
- Establishment of Herbal Garden
- Information, Education and Communication (IEC)
- Research & Development etc.

The above activities are implemented through various agencies such as Regional Cum Facilitation Centres (RCFCs) / State Medicinal Plants Boards (SMPBs) / State Forest Departments / Research Councils such as Central Council for Research in Ayurvedic Sciences (CCRAS), Indian Council of Agricultural Research (ICAR), Council of Scientific and Industrial Research (CSIR) etc. and other Non-Governmental Organization on project mode as per operational guidelines of Central Sector Scheme.

**(d):** Does not arise

**GOVERNMENT OF INDIA**

**MINISTRY OF AYUSH**

**LOK SABHA**

**UNSTARRED QUESTION No. 1422**

**TO BE ANSWERED ON 10<sup>th</sup> FEBRUARY, 2023**

**“BAL RAKSHA MOBILE APP”**

†1422 SHRI PRADEEP KUMAR SINGH:

SHRIMATI RITI PATHAK:

SHRIMATI GEETA KORA:



SHRI PARBATBHAI SAVABHAI PATEL:

SHRI JUGAL KISHORE SHARMA:

Will the Minister of AYUSH be pleased to state:

- (a) the objectives of the “Bal Raksha Mobile App” launched by the Government;
- (b) whether the Government has made any arrangements for publicity of the said Mobile Application as well as to make all parents aware about its use across the country particularly in Bihar, Madhya Pradesh, Jharkhand, Gujarat and Jammu and Kashmir; and
- (c) if so, the details thereof?

**ANSWER**  
**THE MINISTER OF AYUSH**  
**(SHRI SARBANANDA SONOWAL)**

- (a) “Bal Raksha Mobile App” is launched by All India Institute of Ayurveda, New Delhi, an autonomous Institute under Ministry of Ayush, Government of India. The Main objective of “Bal Raksha Mobile App” is to collect data regarding changes in Health Status and Morbidity pattern in children (Age 1-16 years) after administration of Balaraksha Kit. Balaraksha kit is a set of Ayurveda Medications (Anu Taila, Chyawanprash, Samshamani Vati, and Syrup Ayush Bala Kwatha).
- (b) & (c) Presently the advertisement of Bal Raksha Mobile App for information of Parents is done through All India Institute of Ayurveda website - [www.aiia.gov.in](http://www.aiia.gov.in). Various Institutions/NGOs across the country are actively involved in “Balaraksha Kit” distribution on one to one request basis. This app is available for free download through Google Play store.

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**GOVERNMENT OF INDIA**  
**MINISTRY OF AYUSH**

**LOK SABHA**  
**UNSTARRED QUESTION NO. 1442**  
**TO BE ANSWERED ON 10<sup>th</sup> FEBRUARY, 2023**

**“SMART”**

**1442. SHRI RAHUL RAMESH SHEWALE:**

**SHRI CHANDRA SEKHAR SAHU:**

**SHRI GIRISH BHALCHANDRA BAPAT:**

**DR. PRITAM GOPINATHRAO MUNDE:**

Will the Minister of **AYUSH** be pleased to state:

- (a) whether the Government have launched “SMART” – Scope for Mainstreaming Ayurveda Research in Teaching Professionals programme in the country;
- (b) if so, the details and the salient features thereof;
- (c) the funds allocated, released and utilised under the said programme, State-wise including Maharashtra; and
- (d) the extent to which such Ayurveda Research benefited/likely to be benefited under the said programme?

**ANSWER**

**THE MINISTER OF AYUSH  
(SHRI SARBANANDA SONOWAL)**

- (a) Yes, Sir.
- (b) The “SMART” – Scope for Mainstreaming Ayurveda Research in Teaching Professionals programme has been launched in the country on 2nd January, 2023 by the Central Council for Research in Ayurvedic Sciences, an Autonomous Body under aegis of Ministry of Ayush, to provide technical and financial support to promote robust clinical studies through collaboration with Ayurveda academia. This collaborative Research programme in Ayurveda is designed to enable research that has the potential to improve the understanding of safety and efficacy of Ayurveda medicines, products and practices. Funding will be done based on the scientific merit of each proposal received.
- (c) No funds have so far been released as the programme has been launched recently.

- (d) Such research would be well balanced and shall implement equal reciprocity, benefit sharing among stakeholders and translating the research outcomes for the benefit of the mankind.

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**GOVERNMENT OF INDIA  
MINISTRY OF AYUSH**

**LOK SABHA  
UNSTARRED QUESTION NO.1449  
ANSWERED ON 10<sup>th</sup> FEBRUARY, 2023**

**Implementation of AYUSH Schemes**

1449. SHRIMATI KAVITHA MALOTHU:  
SHRI RAJAN VICHARE:  
DR. G. RANJITH REDDY:

Will the Minister of AYUSH be pleased to state:

- (a) the details of Centrally Sponsored Schemes and Central Sector Schemes being implemented by the Ministry in the State of Telangana during the last five years and the current year, year-wise, scheme-wise and district-wise;
- (b) the details of funds allocated, sanctioned, released and utilized for each of the said schemes during the last five years and the current year, year-wise, scheme-wise and district-wise including Thane district in Maharashtra;
- (c) the details of targets set and achieved during the last five years and the current year, year-wise, scheme-wise and district-wise;
- (d) whether the Government found any shortcomings in implementation of the said schemes and if so, the action taken thereon;
- (e) whether there is a time and cost overrun of any of the said schemes and if so, the reasons therefor; and
- (f) the time by which the remaining funds is likely to be released to the State of Maharashtra?

**ANSWER  
THE MINISTER OF AYUSH  
(SHRI SARBANANDA SONOWAL)**

(a) Ministry of Ayush is implementing the Centrally Sponsored Scheme of National AYUSH Mission (NAM) through State/UT Governments in the country including Telangana and supporting their efforts for development & promotion of AYUSH systems of medicine by providing financial assistance to them under different activities as per the proposals received in their State Annual Action Plans (SAAPs). The Mission inter-alia makes provision for the following activities: -

- (i) AYUSH Health & Wellness Centres
- (ii) Co-location of AYUSH facilities at Primary Health Centres (PHCs), Community Health Centres (CHCs) and District Hospitals (DHs)
- (iii) Upgradation of existing standalone Government AYUSH Hospitals
- (iv) Upgradation of existing Government/Panchayat/Government aided AYUSH Dispensaries/Construction of building for existing AYUSH Dispensary (Rented/dilapidated accommodation)/Construction of building to establish new AYUSH Dispensary
- (v) Setting up of upto 10/30/50 bedded integrated AYUSH Hospitals
- (vi) Supply of essential drugs to Government AYUSH Hospitals, Government Dispensaries and Government/Government aided Teaching Institutional AYUSH Hospitals
- (vii) AYUSH Public Health Programmes
- (viii) Behaviour Change Communication (BCC)
- (ix) Mobility support at State and District level
- (x) AYUSH Gram
- (xi) Establishment of new AYUSH colleges in the States where availability of AYUSH teaching institutions is inadequate in Government Sector
- (xii) Infrastructural development of AYUSH Under-Graduate Institutions
- (xiii) Infrastructural development of AYUSH Post-Graduate Institutions/ add on PG/ Pharmacy/Para-Medical Courses

Further, Ministry of Ayush is also running Central Sector Schemes namely AYURGYAN Scheme and AYURSWATHYA Yojana from the financial year 2021-22. Under the said Schemes, there is no provision to allocate/sanction/release the funds to State/UT wise and the financial assistance is provided directly to the eligible individual organizations/institutes situated in various States/UTs including the State of Telangana and Maharashtra based on the merit of the proposals submitted by them.

(b) to (f) While Union Cabinet was approving for continuation of NAM from 2021-22 to 2025-26, escalation cost of some major activities of NAM as well as some new activity like AYUSH Public Health programs were also approved for incorporation into the NAM guideline. Accordingly, based on observation/recommendation of evaluation undertaken by NITI Aayog and approval of Union Cabinet, the guideline of the NAM scheme have been revised under consultation with State/UT Governments and escalated cost of some major activities of NAM as well as new AYUSH Public Health programs has been incorporated. The revised NAM guideline had been circulated to all the States/UTs to submit the proposals through State Annual Action Plans

(SAAPs) as per the schematic provisions available in the guideline. Since, implementation of the NAM scheme comes under the purview of respective State/UT Governments, no State-wise specific targets have been fixed by the Government of India for the States/UTs. However, the resource pool allocated under NAM for each State/UT Government is communicated to them and accordingly, States/UTs are required to prepare their SAAPs as per requirements in accordance with NAM guideline.

As per the proposals submitted by State Government of Maharashtra through State Annual Action Plans (SAAPs), the detailed status of funds allocated/ sanctioned, released and utilization reported by State Government of Maharashtra during the last five years and the current year, year-wise under NAM is furnished in **Annexure**. However, no funds are allocated/ sanctioned and released district-wise. Further, the submitted SAAP of the current year 2022-23 of the State Government of Maharashtra has been approved for an amount of Rs. 5084.440 lakhs and eligible grant of central share would be released as soon as the conditions of Department of Expenditure guidelines vide no. F.N.1 (13) PFMS/FCD/2020 dated 23.03.2022 and corrigendum dated 21.06.2022 regarding procedure for release of funds under the Centrally Sponsored Schemes (CSS) and monitoring utilization of the funds is met by the State Government of Maharashtra.

**Annexure**

**The status of funds allocated/ sanctioned, released and utilization reported by State Government of Maharashtra during the last five years and the current year, year-wise under NAM**

(Rs. in lakhs)

<b>Year</b>	<b>Allocated/sanctioned (Central Share + State Share)</b>	<b>Released (Central Share)</b>	<b>Expenditure reported by State Government (Central Share)</b>
2017-18	2973.808	1784.285	613.954
2018-19	0.00	0.00	0.00
2019-20	7181.07	4308.643	2093.668
2020-21	0.00	0.00	0.00
2021-22	0.00	0.00	0.00
2022-23	5084.440	0.00	0.00

**GOVERNMENT OF INDIA  
MINISTRY OF AYUSH**

**LOK SABHA  
UNSTARRED QUESTION NO. 1457  
ANSWERED ON 10<sup>th</sup> FEBRUARY, 2023**

## **Ayurveda Doctors**

†1457. SHRI OMPRAKASH BHUPALSINH *ALIAS* PAWAN RAJENIMBALKAR:  
SHRI ARVIND GANPAT SAWANT:

Will the Minister of AYUSH be pleased to state:

- (a) the number of sanctioned posts of Ayurveda doctors along with their deployment in the Primary Health Centres, State/UT-wise and category-wise;
- (b) the number of posts of the Ayurveda doctors in all categories lying vacant in the country and reasons therefor;
- (c) the number of Ayurveda doctors qualified during the last five years, State/UT-wise and year-wise;
- (d) the steps taken by the Government to fill up the vacant posts of Ayurveda doctors;
- (e) whether the Government proposes to guide the States/UTs Governments for such appointments along with the provision of financial assistance to them and if so, the details thereof; and
- (f) whether the Government has any plan to re-start integrated course in Ayurveda as well, if so, the details thereof and if not, the reasons therefor?

## **ANSWER THE MINISTER OF AYUSH (SHRI SARBANANDA SONOWAL)**

- (a) The details of AYUSH doctors including Ayurveda sanctioned/deployed in the Primary Health Centres, State/UT-wise is furnished at **Annexure-I**.
- (b) to (e) As Public Health is a State subject, the primary responsibility to fill up the posts of Ayurveda doctors in all categories and maintaining their status comes under the purview of respective State/UT Governments. However, under Centrally Sponsored Scheme of National AYUSH Mission (NAM), the components for setting up of upto 50/30/10 bedded integrated AYUSH hospitals and upgradation of exclusive standalone State Government AYUSH Hospitals *inter-alia* are having provision for contractual deployment of AYUSH doctors. In this regard, State/UT Governments are required to submit their proposals through State Annual Action Plans (SAAPs) as per the guidelines of the scheme. Further, as per the data received from Board of Ethics and Registration for Indian System of Medicine (BOE&R), the list of doctors registered in the State Council/Board is furnished at **Annexure-II**.



(f) There is no such plan to re-start integrated course in Ayurveda. However, National Commission for Indian system of Medicine (NCISM) introduced AYUSH Module for MBBS, Nursing & Physiotherapy for proper orientation on the traditional medical systems i.e. Ayurveda, Siddha, Unani and Sowa-rigpa (ASUS) and get expertise as per the module.

**Annexure-I****Details of AYUSH doctors in the country including Ayurveda**

<b>Sl. No.</b>	<b>State/UT</b>	<b>Rashtriya Bal Swasthya Karyakram (RBSK)</b>	<b>Others</b>	<b>Total</b>
1	Bihar	1422	1142	2564
2	Chhattisgarh	597	26	623
3	Himachal Pradesh	231	0	231
4	Jammu & Kashmir	416	456	872
5	Jharkhand	464	250	714
6	Madhya Pradesh	1163	433	1596
7	Odisha	1073	1150	2223
8	Rajasthan	743	609	1352
9	Uttar Pradesh	2126	1939	4065
10	Uttarakhand	278	95	373
11	Arunachal Pradesh	84	32	116
12	Assam	426	291	717
13	Manipur	72	102	174
14	Meghalaya	152	68	220
15	Mizoram	41	20	61
16	Nagaland	15	30	45
17	Sikkim	5	5	10
18	Tripura	21	133	154
19	Andhra Pradesh	0	107	107
20	Goa	30	52	82
21	Gujarat	1837	866	2703
22	Haryana	386	239	625
23	Karnataka	810	645	1455

24	Kerala	0	742	742
25	Maharashtra	2090	561	2651
26	Punjab	345	210	555
27	Tamil Nadu	0	475	475
28	Telangana	276	216	492
29	West Bengal	1240	566	1806
30	Andaman & Nicobar Islands	12	21	33
31	Chandigarh	23	5	28
32	Dadra and Nagar Haveli and Daman and Diu	9	11	20
33	Delhi	0	0	0
34	Ladakh	11	27	38
35	Lakshadweep	0	12	12
36	Puducherry	04	40	44
	<b>All India</b>	<b>16402</b>	<b>11576</b>	<b>27978</b>

**Annexure-II**

**List of Ayurveda practitioners, Received Data from States Board/Council**

Sl. No.	State	Ayurved
1	Andhra Pradesh	1894
2	Assam	1265
3	Bihar	875
4	Chhattisgarh	4757
5	Delhi	4847
6	Goa	783
7	Gujarat	23054
8	Haryana	8308
9	Himachal Pradesh	5540
10	Jammu	1713
11	Jharkhand	166

12	Karnataka	29401
13	Kerala	13379
14	Madhya Pradesh	16092
15	Maharashtra	93111
16	Orissa	5171
17	Punjab	11233
18	Rajasthan	10081
19	Tamil Nadu	1225
20	Telangana	10981
21	Uttra Pradesh	38673
22	Uttarakhand	3691
23	West Bengal	2256
	<b>Total</b>	<b>288496</b>

Further, BOE&R has not received the data of AUS&S practitioners from some States and some of the State did not furnished the updated details of practitioner.

**GOVERNMENT OF INDIA  
MINISTRY OF AYUSH**

**LOK SABHA  
UNSTARRED QUESTION NO. 1491  
ANSWERED ON 10/02/2023**

**“Benefits of Medicinal Plants to Environment”**

**1491. SHRI ARJUN LAL MEENA:**

Will the Minister of *Ayush* be pleased to state:

- (a) whether the Ministry proposes to co-ordinate with the Ministry of Environment, Forest and Climate Change in the cultivation of medicinal plants in view of their great importance in purification and maintaining balance in the environment;
- (b) if so, the details thereof; and
- (c) if not, the reasons therefore?

**ANSWER**

THE MINISTER OF AYUSH  
(SHRI SARBANANDA SONOWAL)

**(a) & (b):** Yes Sir, National Medicinal Plants Board, Ministry of Ayush coordinates from time to time with Ministry of Environment, Forest and Climate Change (MoEFCC) to promote the medicinal plants related activities such as plantation, conservation, research & development etc. For conservation, resource augmentation of medicinal plants and for value addition and livelihood generation through Joint Forest Management Committees (JFMCs)/Biodiversity Management Committees (BMCs) etc., NMPB, Ministry of Ayush has also supported 557 no. of projects to State Forest Departments.

Under resource augmentation/plantation of medicinal plants 69709.87 hectare area and for establishment of Medicinal Plants Conservation and Development Areas (MPCDAs) 20589.45 hectare area have been supported to State Forest Departments throughout the country.

Besides this, NMPB has also supported 08 projects on research and development activities to the different organizations under Ministry of Environment, Forest and Climate Change (MoEFCC). The details of research projects sanctioned during last five years i.e. 2018-19 to 2022-23 State/UT-wise is given at **Annexure-I**.

**(c):** Not applicable.

## Annexure-I

<b>S.no</b>	<b>Project Title &amp; Organization Details</b>
1	Develop Germplasm Repository of Endangered Medicinal Tree <i>Oroxylum indicum</i> (Shyonak) Forest Research Institute, Dehradun, Uttarakhand
2	In vitro mass propagation of <i>Angelica glauca</i> Edgew. Rootlet biomass for the production of bioactive phyto-compound/s using bioreactor and bio-inoculation technology Forest Research Institute, Dehradun, Uttarakhand
3	Inducing the Variation in <i>Santalum album</i> Linn. By Polyploidy Techniques for Genetic Improvement. IWST-Institute of Wood Science and Technology , 18 <sup>th</sup> Cross, Malleshwaram, Bangalore- 560003
4	Determination of the vector of Sandal Spike Disease (SSD) of Indian sandalwood ( <i>Santalum album</i> L.) and development of integrated vector management strategies. IWST- Institute of Wood Science and Technology , 18 <sup>th</sup> Cross, Malleshwaram, Bangalore-560003
5	Survey, Inventorisation, Documentation, Propagation and Conservation of rare, endangered and threatened medicinal plants of Arid and Semi- Arid Regions. Multi Institute Project AFRI- Arid Forest Research Institute, Jodhpur-342005, JNV- Jai Narain Vyas University, Jodhpur-342005
6	Phytochemical, morphological and molecular evaluation of RET medicinal plant <i>Trillium govanianum</i> (Nag chhatri) distributed in Northwestern Himalayan Region for its Conservation and Utilization. Forest Research Institute, Forest, Dehradun, Uttarakhand.
7	Medicinal plants-based Eco restoration of Coffee Plantations in Hassan and Chickmagalur Districts of Western Ghats, IWST, Malleshwaram, Bangalore Urban, Karnataka-560003
8	Spatial Niche Modelling and Genetic Diversity analysis of <i>Desmodium gangeticum</i> : An Important Medicinal Species of Shivalik Himalayas; Multi Institute Project, The Energy and Resources Institute (TERI), New Delhi, Forest Research Institute, Dehradun, Uttarakhand

**GOVERNMENT OF INDIA  
MINISTRY OF AYUSH**

**LOK SABHA  
UNSTARRED QUESTION NO. 1493  
ANSWERED ON 10<sup>th</sup> FEBRUARY, 2023**

## **AYUSH Health and Wellness Centres**

1493. SHRIMATI SUPRIYA SULE:

Will the Minister of AYUSH be pleased to state:

(a) whether the Government proposes to make operational the AYUSH Health and Wellness Centres under the Ayushman Bharat Yojana in the country including Maharashtra during the last three years and current year;

(b) if so, the details thereof;

(c) whether the Government has taken any steps/ measures for providing adequate AYUSH treatment facilities in rural and remote areas in the country including Maharashtra;

(d) if so, the details thereof;

(e) whether the Government has taken any steps/ measures for setting up of new AYUSH hospitals in rural areas of the country including Maharashtra; and

(f) if so, the details thereof?

### **ANSWER THE MINISTER OF AYUSH (SHRI SARBANANDA SONOWAL)**

(a) & (b) Ministry of Ayush is implementing the operationalization of AYUSH Health and Wellness Centres (AHWCs) under Ayushman Bharat as a component of the Centrally Sponsored Scheme of National AYUSH Mission (NAM) through State/UT Governments with an objective to establish a holistic wellness model based on AYUSH principles and practices. Under NAM, as per the proposals received from State/UT Governments including Maharashtra through their State Annual Action Plans (SAAPs), a total of 12,500 units of existing AYUSH dispensaries and sub health centers have been approved to be upgraded as AYUSH HWCs in the State/UT Governments during the last three years and current year. However, grant-in-aid has been released for 9,108 units. As per the reports received from States/UTs, 5527 AYUSH HWCs have been made functional till date. The State/UT wise status of approved and functional AHWCs is furnished in **Annexure-I**.

(c) & (d) Public Health being a State subject, the primary responsibility to provide adequate AYUSH treatment facilities in rural and remote areas in the country including Maharashtra lies with the respective State/UT Governments. However, under Centrally Sponsored Scheme of National AYUSH Mission (NAM), there is provision of financial assistance for setting up of 50

bedded/30 bedded/10 bedded integrated AYUSH hospitals, upgradation of standalone Government AYUSH hospitals & dispensaries, Co-location of AYUSH facilities at Primary Health Centres (PHCs), Community Health Centres (CHCs) & District Hospitals (DHs) and operationalization of AYUSH Health & Wellness Centres (AYUSH HWCs) for providing AYUSH treatment facilities. In this regard, the Ministry of Ayush has supported the State/UT Governments and released a grant-in-aid of Rs. 3343.38 Crore from 2014-15 to till date as per the proposals received from State/UT Governments through SAAPs for various activities including AYUSH treatment facilities. The detailed status of grant-in-aid provided to States/UTs is furnished at **Annexure-II**.

(e) & (f) As Public Health being a State subject, setting up of AYUSH hospitals in the in rural areas of the country including Maharashtra comes under the purview of the respective State/UT Government. However, under NAM, there is a provision of financial assistance for setting up of 10/30/50 bedded Integrated AYUSH Hospitals and State/UT Governments may avail the eligible financial assistance by submitting the suitable proposals through SAAPs as per the provisions of NAM guidelines. Further, 108 Integrated AYUSH Hospitals have been approved under NAM as per the proposals received from the State/UT Governments through their SAAPs from the year 2014-15 to 2021-22. The State/UT-wise number of approved Integrated AYUSH hospitals under NAM is furnished in **Annexure-III**.



**Annexure-I****State/UT wise status of approved and functional AYUSH HWCs during the last three years and current year:**

<b>Sl. No.</b>	<b>Name of the States/UTs</b>	<b>Total No. of approved AYUSH HWCs</b>	<b>Total No. of approved AYUSH HWCs (GIA released)</b>	<b>Functional AYUSH HWCs</b>
1	Andaman & Nicobar Islands	6	6	6
2	Andhra Pradesh	203	110	126
3	Arunachal Pradesh	89	89	36
4	Assam	489	89	106
5	Bihar	388	268	83
6	Chandigarh	12	12	5
7	Chhattisgarh	400	240	240
8	Delhi	0	0	0
9	Dadra Nagar Haveli and Daman Diu	1	0	0
10	Goa	74	40	9
11	Gujarat	365	365	231
12	Haryana	569	569	365
13	Himachal Pradesh	740	740	240
14	Jammu & Kashmir	442	442	317
15	Jharkhand	745	267	249
16	Karnataka	376	376	176
17	Kerala	520	520	208
18	Ladakh	14	14	0
19	Lakshadweep	7	7	7
20	Madhya Pradesh	762	562	362
<b>21</b>	<b>Maharashtra</b>	<b>390</b>	<b>294</b>	<b>281</b>
22	Manipur	67	17	14
23	Meghalaya	45	45	0
24	Mizoram	38	38	24
25	Nagaland	49	49	4

26	Odisha	422	250	245
27	Puducherry	4	4	4
28	Punjab	217	217	0
29	Rajasthan	2019	1000	484
30	Sikkim	18	18	18
31	Tamil Nadu	650	350	250
32	Telangana	421	421	421
33	Tripura	84	84	0
34	Uttar Pradesh	1034	1034	552
35	Uttarakhand	300	300	193
36	West Bengal	540	271	271
<b>Total</b>		<b>12500</b>	<b>9108</b>	<b>5527</b>

## Annexure-II

## State/UT wise status of grant-in-aid released from 2014-15 to till date under National AYUSH Mission (NAM):

Sl. No.	Name of States/UTs	Amount released (Rs. in Lakhs)
1	Andaman & Nicobar Islands	2222.486
2	Andhra Pradesh	7578.053
3	Arunachal Pradesh	3831.999
4	Assam	9428.148
5	Bihar	6930.799
6	Chandigarh	1532.799
7	Chhattisgarh	8590.405
8	Dadra & Nagar Haveli and Daman & Diu	484.248
9	Delhi	726.305
10	Goa	1554.315
11	Gujarat	9588.321
12	Haryana	10672.447
13	Himachal Pradesh	9401.051
14	Jammu & Kashmir	12687.725
15	Jharkhand	3504.811
16	Karnataka	14563.585
17	Kerala	13611.839
18	Ladakh	187.454
19	Lakshadweep	1331.600
20	Madhya Pradesh	25176.602
<b>21</b>	<b>Maharashtra</b>	<b>8439.518</b>
22	Manipur	8227.988
23	Mizoram	3658.244
24	Meghalaya	3256.723
25	Nagaland	6881.297
26	Odisha	8710.175
27	Puducherry	1858.027
28	Punjab	5091.974
29	Rajasthan	23051.306
30	Sikkim	3092.426
31	Tamil Nadu	13356.722
32	Telangana	8564.064
33	Tripura	4348.432
34	Uttar Pradesh	70466.346
35	Uttarakhand	9873.847
36	West Bengal	11856.334
<b>Total</b>		<b>334338.415</b>



## Annexure-III

**The State/UT-wise number of approved Integrated AYUSH hospitals under NAM from  
2014-15 to 2021-22:**

<b>S. No.</b>	<b>Name of the States/UT</b>	<b>No. of approved Integrated AYUSH Hospitals</b>
1	Andaman & Nicobar Islands	01
2	Andhra Pradesh	02
3	Assam	02
4	Bihar	01
5	Chandigarh	01
6	Chhattisgarh	13
7	Goa	01
8	Haryana	01
9	Himachal Pradesh	02
10	Jammu & Kashmir	05
11	Jharkhand	01
12	Karnataka	02
13	Kerala	02
14	Lakshadweep	01
<b>15</b>	<b>Maharashtra</b>	<b>04</b>
16	Manipur	04
17	Madhya Pradesh	07
18	Meghalaya	02
19	Mizoram	01
20	Nagaland	04
21	Odisha	03
22	Puducherry	02
23	Punjab	02
24	Rajasthan	06
25	Sikkim	01
26	Tamil Nadu	03
27	Telangana	03
28	Tripura	02
29	Uttar Pradesh	24
30	Uttarakhand	03
31	West Bengal	02
<b>Total</b>		<b>108</b>

**GOVERNMENT OF INDIA  
MINISTRY OF AYUSH  
LOK SABHA  
UNSTARRED QUESTION NO. 1512  
ANSWERED ON 10.02.2023**

**AYUSH System of Medicine**

1512. SHRI SISIR KUMAR ADHIKARI:

Will the Minister of AYUSH be pleased to state:

- (a) whether AYUSH systems of medicine has become a part of the National Rural Health Mission (NRHM) in the country;
- (b) if so, the details thereof along with the Program Implementation Plans (PIPs) spell out, strategies to be deployed, budgetary requirements and health outcome aimed towards improving community processes and behavior change communication, human resources development, public health management; and
- (c) the details of the National AYUSH Mission and the National Programme for Prevention and Control of Cancer, Diabetes, Cardiovascular Diseases and Stroke (NPCDCS), State/UT-wise?

**ANSWER**

**THE MINISTER OF AYUSH  
(SHRI SARBANANDA SONOWAL)**

(a) to (b): The primary responsibility for ensuring healthcare services lies with respective State/UT Governments. Ministry of Health and Family Welfare, Government of India provides financial and technical support to the States/UTs for strengthening their healthcare systems including support for engagement of doctors and for mainstreaming of AYUSH through co-located facilities, based on the requirements posed by the States/UTs in their Programme Implementation Plans (PIPs) within their overall resource envelope.

Under National Health Mission (NHM) of which National Rural Health Mission (NRHM) is one of the component, engagement of Ayurveda, Yoga & Naturopathy, Unani, Siddha and Homoeopathy (AYUSH) doctors/ paramedics is being supported, provided they are co-located with existing District Hospitals (DHs), Community Health Centres (CHCs) and Primary Health Centres (PHCs) with priority given to remote PHCs and CHCs.

(c) Ministry of Ayush is implementing the Centrally Sponsored Scheme of the National AYUSH Mission (NAM) through State/UT Governments and providing financial assistance to them for development & promotion of AYUSH systems of medicine as per the proposals received in their State Annual Action Plans (SAAPs). The Mission inter-alia makes provision for the different activities including AYUSH Public Health Programme of Integration of AYUSH with National Programme for Prevention and Control of Cancer, Diabetes, Cardiovascular Diseases and Stroke (NPCDCS). State/UT Governments may avail the eligible financial assistance by submitting the suitable proposals through SAAPs.

Further, the Department of Health & Family Welfare provides technical and financial support to the States/UTs under the National Programme for Prevention and Control of Cancer, Diabetes, Cardiovascular Diseases and Stroke (NPCDCS), as part of National Health Mission (NHM), based on the proposals received from the States/UTs and subject to the resource envelope. The programme focusses on strengthening infrastructure, human resource development, health promotion & awareness generation, screening, early diagnosis, management and referral to an appropriate level of healthcare facility for treatment of the Non-Communicable Diseases (NCDs). Under NPCDCS, 707 District NCD Clinics, 193 District Cardiac Care Units, 268 Day Care Centres and 5541 Community Health Centre NCD Clinics have been set up.

The Central Government Implements Strengthening of Tertiary Care Cancer Facilities Scheme in order to enhance the facilities for tertiary care of cancer. 19 State Cancer Institutes (SCIs) and 20 Tertiary Care Cancer Centres (TCCCs) have been approved under the said scheme.

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**GOVERNMENT OF INDIA  
MINISTRY OF AYUSH**

**LOK SABHA  
UNSTARRED QUESTION NO. 1525  
ANSWERED ON 10/02/2023**

**“Cultivation of Medicinal Plants”**

**1525. SHRI C.R. PATIL:**

Will the Minister of AYUSH be pleased to state:

- (a) whether the Government is implementing the scheme on conservation, development and sustainable management of medicinal plants;
- (b) if so, the details thereof;
- (c) the achievements made by the Government to promote cultivation of medicinal plants under National AYUSH Mission (NAM) in the country; and
- (d) the steps taken/being taken by the Government to promote the cultivation of the medicinal plants among farmers in the country?

### ANSWER

THE MINISTER OF AYUSH  
(SHRI SARBANANDA SONOWAL)

**a & b)** Yes, Sir. National Medicinal Plants Board, Ministry of Ayush is implementing a scheme entitled “Central Sector Scheme for Conservation, Development and Sustainable Management of Medicinal Plants.” Under the scheme project based support is provided for following activities on medicinal plants:

- (vi) Survey Inventorisation, *In-situ* Conservation through Medicinal Plants Conservation and Development Areas (MPCDA) and Resource augmentation
- (vii) *Ex-situ* Conservation / Establishment of Herbal Garden (HG), School Herbal Garden (SHG) and Home Herbal Garden (HHG)
- (viii) Support to Joint Forest Management Committees / Panchayats / Van Panchayats / Biodiversity Management Committees / Self Help Groups for value addition activities like drying, primary processing, storage etc. of Medicinal Plants and thereby generate livelihood to these communities
- (ix) Research & Development
- (x) Information, Education and Communication (IEC) etc.
- (xi) Promotional activities such as establishment of nurseries.

Till date, NMPB, Ministry of Ayush has supported 1498 no. of projects throughout the country under Central Sector Scheme for Conservation, Development and Sustainable Management of Medicinal Plants since its inception. Under the same scheme, NMPB, Ministry of Ayush has supported 103026.32 hectare area under *In-situ* / *Ex-situ* Conservation and Resource augmentation, 24,000 herbal gardens, 1175 JFMCs, 233 seminars / workshops / conferences / buyer-seller meets / trainings and 57 no. of nurseries. Beside this, NMPB has developed “e-CHARAK” application to provide a



platform for trade of Medicinal Plants & to provide easy market access and developed a NMPB helpline in collaboration with CDAC Hyderabad. The details of activities supported and achieved under Central Sector Scheme for Conservation, Development and Sustainable Management of Medicinal Plants is given at **Annexure - I**.

c) Ministry of Ayush, Government of India had implemented Centrally Sponsored Scheme of National Ayush Mission (NAM) to promote the cultivation of medicinal plants from the financial year 2015-16 to 2020-21. Under its 'Medicinal Plants' component, market driven cultivation of 140 prioritized medicinal plants in identified clusters/zones was supported and implemented in a mission mode through selected State Implementing agencies throughout the country. As per the scheme guidelines, the support was provided for:

- (xiii) Cultivation of prioritized medicinal plants on farmer's land.
- (xiv) Establishment of nurseries with backward linkages for raising and supply of quality planting material.
- (xv) Post-harvest management with forwarding linkages.
- (xvi) Primary processing, marketing infrastructure etc.

Ministry of Ayush had supported 56,305 hectare area, 220 nurseries, 354 post-harvest management units, 25 Processing Units, 42 Rural / District Collection Centres / Retail outlet, 10 Seed germplasm centres, 15 Demonstration plots etc. under medicinal plants component of National Ayush Mission (NAM) from the financial year 2015-16 to 2020-21. The details of activities supported under National Ayush Mission scheme for medicinal plants component is given at **Annexure - II**.

d) Under the "Central Sector Scheme on Conservation, Development and Sustainable Management of Medicinal Plants", there is a provision to support the Information, Education and Communication (IEC) activities (training programmes, buyer seller meets, workshops, seminars, conferences etc.) and establishment of nurseries & regional cum facilitation centres to promote the cultivation of medicinal plants among farmers.

The National Medicinal Plants Board (NMPB) has supported 233 projects under Information Education and Communication (IEC) activities to aware the local masses about the medicinal plants, 19 projects under marketing of medicinal plants, 57 projects for establishment of nurseries to raise the Quality Planting Material since its inception.

In addition, the National Medicinal Plants Board, Ministry of Ayush through its Regional Cum Facilitation Centres (RCFCs) is also providing financial and technical assistance to farmers/other stakeholders for development of Quality Planting Material of medicinal plants and herbs in different states. As per scheme guidelines provision, NMPB has set up 7 Regional Cum

Facilitation Centres (RCFCs) in project mode to promote various medicinal plants activities in different regions / areas of the country.

Besides this, Ministry of Ayush, Government of India had promoted cultivation of Medicinal Plants throughout the country under Centrally Sponsored Scheme of the National Ayush Mission (NAM) from the financial year 2015-16 to 2020-21. Ministry of Ayush had also supported 235 workshops / buyer-seller meets / exposure visits under IEC activities and training for 19061 farmers in the country from the financial year 2015-16 to 2020-21 under the medicinal plants component of National Ayush Mission scheme.

## Annexure – I

### Achievements under Central Sector Scheme for Conservation, Development and Sustainable Management of Medicinal Plants:

Sr. No.	Activities supported	No. of project supported	Achievements
1.	Survey Inventorisation, <i>In-situ</i> / <i>Ex-situ</i> Conservation and Resource augmentation	506	<ul style="list-style-type: none"> <li>• Area covered – 103026.32 hectare</li> <li>• Total no. of MPCDA – 105</li> </ul>
2.	Herbal Garden (HG), School Herbal Gardens (SHGs) & Home Herbal Gardens (HHGs).	223	<ul style="list-style-type: none"> <li>• Total No. of HG/ SHGs/ HHGs - 21293</li> <li>• Total no. of campaigns – 07</li> </ul>
3.	Establishment of nurseries	57	<ul style="list-style-type: none"> <li>• To raise the planting material of medicinal plants.</li> </ul>
4.	Support to Joint Forest Management Committees / Panchayats / Van Panchayats / Biodiversity Management Committees / Self Help Groups.	51	<ul style="list-style-type: none"> <li>• Supported 1,175 number of JFMC / Van Panchayat / BMCs for value addition of medicinal plants raw material and generation of livelihood to these communities.</li> </ul>
5.	Research & Development	402	<ul style="list-style-type: none"> <li>• Project supported on various aspects of medicinal plants such as the Bioactivity guided fractionation, agro techniques, cultivation practices, Documentation etc.</li> <li>• IPR/ Patent - NMPB so far identified 05 unique projects which are novel in nature and patentable. The filings of IPR are under process.</li> <li>• Agro techniques have been published covering 104 medicinal plant.</li> </ul>
6.	Information, Education and Communication (IEC) etc.	233	<ul style="list-style-type: none"> <li>• Seminars / workshop / conferences / buyer-seller meets / trainings – 216</li> <li>• Total no. of NRDRs / RRDRs – 05</li> <li>• Schemes for Voluntary Certifications has been supported – 01</li> <li>• Projects on publication – 11</li> </ul>
7.	Marketing & IT	19	<ul style="list-style-type: none"> <li>• “e-CHARAK” application - To provide a platform for trade of Medicinal Plants &amp; to provide easy market access.</li> </ul>

9. Regional Cum Facilitation Centres 7 • Developed 82,28,727 QPM of medicinal plants
- Total No. of projects 1498**

**Annexure-II**

**Details of activities supported under Medicinal Plants Component of “National Ayush Mission” (NAM) Scheme, Ministry of Ayush from the Financial Year 2015-16 to 2020-21.**

S. No.	Activities supported	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	TOTAL
1	Cultivation of Medicinal Plants (Area in hectare)	8722	12109	10366	9958	6794	8356	<b>56305</b>
2	Maintenance of cultivation	2031	164	163	176	130	10	<b>2673</b>
3	Establishment of Nursery	32	39	38	38	50	23	<b>220</b>
4	Post-harvest Management	62	48	66	52	99	27	<b>354</b>
5	Processing Unit	1	2	3	1	16	2	<b>25</b>
6	Rural / District Collection Centres / Retail outlet	0	11	9	17	2	3	<b>42</b>
7	Seed germplasm centres	0	3	5	0	1	1	<b>10</b>
8	Demonstration plot	0	2	2	2	6	3	<b>15</b>

**GOVERNMENT OF INDIA  
MINISTRY OF AYUSH**

**LOK SABHA  
UNSTARRED QUESTION NO. 1530  
TO BE ANSWERED ON 10<sup>th</sup> FEBRUARY, 2023**

**“Central Drug Controller of AYUSH”**

**1530. SHRI GNANATHIRAVIAM S.:**

Will the Minister of AYUSH be pleased to state:

- (a) whether the Government proposes to create a separate Central Drug Controller of AYUSH;
- (b) if so, the details thereof; and
- (c) the time by which it is likely to be made functional?

**ANSWER**

**THE MINISTER OF AYUSH  
(SHRI SARBANANDA SONOWAL)**

(a) and (b) Ministry of Ayush vide its order no. A.11013/5/2015-E-I dated 09.08.2019 had created a total of 09 posts for setting up the Office of the Central Ayush Drugs Controller in the Ministry of Ayush. The details of the posts are as follows –

- i. Deputy Drug Controller (ASU&H)
- ii. Assistant Drug Controller (Ayurveda)
- iii. Assistant Drug Controller (Siddha)
- iv. Assistant Drug Controller (Unani)
- v. Assistant Drug Controller (Homoeopathy)
- vi. Drug Inspector (Ayurveda)
- vii. Drug Inspector (Siddha)
- viii. Drug Inspector (Unani)
- ix. Drug Inspector (Homoeopathy)

(c) Ministry of Ayush is in process of filling the posts created for setting up the office of Central Ayush Drugs Controller on regular basis in consultation with Union Public Service Commission (UPSC). As on date, only 01 post of Assistant Drug Controller (Homoeopathy) has been filled.

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**GOVERNMENT OF INDIA  
MINISTRY OF AYUSH**

**LOK SABHA  
UNSTARRED QUESTION NO.1544  
ANSWERED ON 10<sup>th</sup>FEBRUARY, 2023**

**National AYUSH Mission**

1544.SHRI BHAGIRATH CHOUDHARY:

Will the Minister of AYUSH be pleased to state:

- (a) the date of launching of the National AYUSH Mission – the holistic and affordable health scheme in the country;
- (b) the criteria laid down for the beneficiaries of the said scheme;
- (c) the number of eligible persons benefitted since its inception till December, 2022, State/UT-wise, year-wise;
- (d) the details of beneficiaries under the said scheme from the year 2019-20 to 2022-23, year-wise including Rajasthan, district-wise;
- (e) whether any special grant or assistance has been provided for infrastructural development/ establishment of the educational institutions of AYUSH treatment under the said scheme; and
- (f) if so, the details thereof, Region-wise and year-wise?

**ANSWER**  
**THE MINISTER OF AYUSH**  
**(SHRI SARBANANDA SONOWAL)**

- (a) Centrally Sponsored Scheme of National AYUSH Mission (NAM) had been launched on 15.09.2014.
- (b) to (d) Ministry of Ayush is implementing the NAM scheme through State/UT Governments with following visions:
  - To provide cost effective and equitable AYUSH health care throughout the country by improving access to the services.
  - To strengthen preventive and promotive aspects in primary health care.
  - To provide services of a holistic wellness model based on AYUSH principles and practices.
  - To improve AYUSH educational institutions for imparting quality education.

The NAM Scheme had been introduced to provide health care throughout the country including Rajasthan and accordingly no specific criteria has been laid down for beneficiaries to avail the facility. Under NAM, Ministry of Ayush is supporting the efforts States/UTs for development & promotion of AYUSH systems of medicine by providing financial assistance to them under different activities as per the proposals received in their State Annual Action Plans (SAAPs). The Mission inter-alia makes provision for the following activities: -

- (i) AYUSH Health & Wellness Centres
- (ii) Co-location of AYUSH facilities at Primary Health Centres (PHCs), Community Health Centres (CHCs) and District Hospitals (DHs)
- (iii) Upgradation of existing standalone Government AYUSH Hospitals
- (iv) Upgradation of existing Government/Panchayat/Government aided AYUSH Dispensaries/Construction of building for existing AYUSH Dispensary (Rented/dilapidated accommodation)/Construction of building to establish new AYUSH Dispensary
- (v) Setting up of upto 10/30/50 bedded integrated AYUSH Hospitals
- (vi) Supply of essential drugs to Government AYUSH Hospitals, Government Dispensaries and Government/Government aided Teaching Institutional AYUSH Hospitals
- (vii) AYUSH Public Health Programmes
- (viii) Behaviour Change Communication (BCC)
- (ix) Mobility support at State and District level
- (x) AYUSH Gram
- (xi) Establishment of new AYUSH colleges in the States where availability of AYUSH teaching institutions is inadequate in Government Sector
- (xii) Infrastructural development of AYUSH Under-Graduate Institutions
- (xiii) Infrastructural development of AYUSH Post-Graduate Institutions/ add on PG/ Pharmacy/Para-Medical Courses

Since implementation of NAM scheme comes under purview of respective State/UT Governments, accordingly the data of beneficiaries who are availing different type of services are being maintained by them.

(e) & (f) Under NAM, financial assistance has been provided for infrastructural development of AYUSH Under-Graduate Institutions/Post-Graduate Institutions and establishment of new AYUSH Educational Institutions, year-wise is furnished at **Annexure**.

**Annexure**

**(i) Status of financial assistance provided for infrastructural development of AYUSH Under-Graduate Institutions (UG)/Post-Graduate (PG) Institutions, year-wise under NAM**

**(Rs. in lakhs)**

Name of the State	Sl. No.	Name of the AYUSH Educational Institutions	UG/PG	Amount approved								
				2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	
Andhra Pradesh	1	Govt. Homoeopathic Medical college, Ravindra Nagar, YSR District	UG	13.34								
	2	Dr. Gururaju Govt. Homoeopathic medical college, Gudivada, Krishna District	UG	13.34				10.575	13.725			
	3	Dr. A.R. Govt. Homoeopathic Medical College, Rajahmundry	UG		23.21			10.575	13.725			
	4	Govt. Homeopathic Medical College & Hospital, Kadapa	UG					10.575	13.725			
	5	Dr. NRS Govt. Ayurvedic College, Vijayawada	UG					10.575	10.275			
Assam	6	Govt. Ayurveda Medical College, Jalukbari, Guwahati	PG	95.68	42.44							26.5
	7	Government S.J.N Homeopathy Medical College Hospital, Panjabari, Gawhati	UG	45.00	45.00	20.00	120.00	40.00				30.00
	8	Dr. JKS Homoeopathic Medical College & Hospital, Jorhat	UG	45.00	57.80	30.39	83.90	32.20				
	9	Assam Homoeopathic Medical College & Hospital, Nagaon	UG	50.00	50.00	40.00	100.00	60.00				
Bihar	10	Govt. Ayurveda College Kadam Kuan, Patna	PG						104.61			
	11	Govt. Tibbia College, Kadam Kuan, Patna	UG						300.00			



	12	R.B.T.S. Govt. Homoeopathic Medical College, Muzaffarpur	PG							15.19		
Chhattisgarh	13	Govt. Ayurvedic College, Raipur	PG	391.00								
	14	Govt. Ayurvedic College, Raipur	UG	253.56								1.442
	15	Govt. Ayurveda College, Bilaspur	UG		15.00					21.5		
Gujarat	16	Govt. Akhandanand Ayurved College, Ahmedabad	PG	20.00								20.00
	17	Govt. Ayurveda College, Vadodara	UG		30.00							20.00
	18	Government Ayurved College, Junagardh	PG			40.00						
	19	State Model Institute of Ayurved Sciences Kolavada Gandhinagar (for Para Medical Course)	PG						100.00			20.00
	20	Sheth JP Government Ayurveda College, Bhavnagar	UG									20.00
Haryana	21	Shri Krishna Govt. Ayurvedic College & Hospital, Kurukshetra	UG	18.85	18.38	21.25	25.00					
Jammu & Kashmir	22	Govt. Ayurvedic Medical College Jammu	UG		5.14	8.081	6.97	7.95				
	23	Govt. Unani Medical College, Ganderbal	UG		5.14	8.081	6.97	7.95	9.25	5.75		15.85
Jharkhand	24	State Homoeopathic Medical College, Gandhi Gram Godda, Jharkhand	UG							90.00		
Karnataka	25	Taranath Govt. Ayurvedic Medical College & Hospital, Bellary	PG						76.30	70.13		21.70
	26	Govt. Ayurvedic Medical College, Bangalore	PG							380.92		
	27	Govt. Ayurved Medical College, Mysore	PG							154.20		

	28	Govt. Unani Medical College, Bangalore	PG							84.15
Kerala	29	Govt. Ayurveda College Kannur	PG	11.00		7.347		25.00		
	30	Govt. Ayurveda college, Thrippunithura	PG	11.00		7.347				
	31	Kerala Ayurvedic Studies & Research Society, Kjottakkal for Vaidyaratnam P.S. Varier Ayurveda College, Kottakkal, Edarikode, Distt. Malappuram	PG		21.93					
	32	Govt. Ayurveda College, Trivandrum	PG			7.347		13.50 0	15.00	
	33	Govt. Homoeopathic Medical College, Trivandrum	PG			7.347		24.42 0	13.00	27.39
Madhya Pradesh	34	Govt. Ayurved Institute, Bhopal	PG	66.04 1	55.90	162.0 0				
	35	Govt. Ayurved Institute, Indore	UG	66.04 1	50.00	105.0 0			16.27 8	
	36	Govt. Ayurved Institute, Burhanpur	UG	66.04 1	50.00	150.0 0	10.00		20.93	
	37	Govt. Ayurved Institute, Jabalpur	UG	66.04 1	50.00	80.00			16.27 8	
	38	Govt. Ayurved Institute, Gwalior	UG	66.04 1	31.98				20.92 9	
	39	Govt. Ayurved Institute, Rewa	UG	66.04 1	50.00				17.78	
	40	Govt. Homeopathic Institute, Bhopal	UG	66.04 1	50.00	150.0 0	10.00		20.92 9	
	41	Govt. Unani Institute Bhopal	UG	66.04 1	50.00	110.0 0			18.13 8	
	42	Govt. Auto. Dhanwantri Ayurved College & Hospital, Ujjain	UG	66.04 1	50.00	150.0 0	10.00		20.93	
Maharashtra	43	KVTR Ayurved College, Boradi, Dhule	UG	230.2 5						
	44	Govt. Ayurveda College, Nagpur	UG		25.00					

	45	Govt. Ayurveda College, Nanded	PG						42.00	
	46	Smt. Sumatibai Shah Ayurved College, Hadapsar, Pune	PG						20.00	
	47	RA Podar Medical College Worli Mumbai	PG							71.70
Odisha	48	Gopabandhu Ayurved Mahavidhyalay, Puri	PG	39.14	7.49	68.00				51. 63
	49	Govt. Ayurveda College Bolangir	UG	90.00	64.88	49.40	179.2 8			
	50	KATS Ayurvedic College & Hospital, Ganjam	UG	74.58	12.80	68.50	2.62	131.2 5		
	51	Odisha Medical College of Homoeopathy & Research, Sambalpur	UG	90.00		78.75		131.2 5		
	52	Utkalmani Homoeopathic Medical College, Rourkela	UG	25.00		57. 37	20.00			
	53	Dr. Abhin Chandra Homoeopathic Medical College & Hospital, Bhubaneswar	PG		24.55	105.1 2	73.98			24.88
	54	Biju Patnaik Homoeopathic Medical College and Hospital, Ganjam	UG		30.00	60.37	70.00	50.63		
Punjab	55	Guru Ravidas Ayurved University	UG	94.86						
	56	Govt. Ayurveda College, Patiala	UG		16.00	26.23				
Puducherry	57	Mother Teresa Institute of Health Sciences, Puducherry	UG		3.48	4.018				
Rajasthan	58	M.M.M. Govt. Ayurveda College, Udaipur	UG	150.0 0				54.00		46.00
	59	Dr. Sarvpalli Radha Krishnan Rajasthan, Ayurved University, Jodhpur	UG			592.7 2				

Tamil Nadu	60	Govt. Siddha Medical College, Palayamcottai	UG			3.000			
	61	Govt. Siddha Medical College, AAGHIM Campus, Arumbakkam, Chennai	UG			3.000			
	62	Govt. Ayurveda Medical College, Kottar, Nagercoil, Kanyakumari	UG			3.000			
	63	Govt. Yoga & Naturopathy Medical College, AAGHIM Campus, Arumbakkam, Chennai	UG			3.000			
	64	Govt. Homoeopathy Medical College, Thirumangalam, Madurai	UG			3.000			
	65	Govt. Unani Medical College, AAGHIM Campus, Chennai	UG			10.00 0			
	66	Govt. Unani Medical College, Arinagar Anna Govt. Hospital of India Medicine Campus, Arumbakkam, Chennai	UG			18.79	5.00	15.00	
	67	Govt. Yoga & Naturopathy Medical College, Chennai	PG			120.0 0	23.00		
	68	Govt. Ayurveda Medical College, Nagercoil, Kanyakumari	UG				10.00	8.00	10.00
	69	Govt. Homoeopathic Medical College, Thirumangala Madurai	UG				8.00	10.00	
70	Govt. Siddha Medical College, Chennai, Arumbekkam	UG				7.31			
71	Govt. Siddha Medical College, Palayamcottai, Tirunelveli	UG				9.00			
Telangana	72	Govt. JSPS Homeopathy Medical College Ramanthapur, Hyderabad	PG	108.0 0	40.00	52.00		20.00	

	73	Govt. Nizamia Tibbi (Unani) College, Charminar, Hyderabad	PG	80.00	130.00	16.40	3.60	
	74	Dr.BRKR Govt. Ayurvedic College, Hyderabad	UG		80.00	16.40		20.00
	75	A.L. Govt. Ayurveda College, Warangal	UG			16.40		20.000
	76	Telangana State Yogadhayana Parishad (TSYP) Campus, Begumpet, Hyderabad	UG					100.000
	77	Gandhi Nature Cure College, Begumpet, Hyderabad	UG					20.000
Tripura	78	Regional Institute of Pharmaceuticals science & Technology (Govt. Institution Tripura ), Agartala	UG	10.11	6.39	9.45	3.500	8.000
Uttar Pradesh	79	Govt. Ayurved College & Hospital, Varanasi	PG		99.00			70.00
	80	Govt. Takmil-Ut-Tib College & Hospital, Lucknow	UG		50.00		130.00	50.00 70.11
	81	Govt. Unani Medical College, Allahabad	UG		50.00	250.00		30.00 70.56
	82	State National Homoeopathic Medical College & Hospital, Lucknow	UG		39.79		300.00	
	83	State Lal Bhadur Shastri Homopathic Medical College and Hospital, Phaphamau, Allahabad	UG		84.99	215.01		100.00
	84	Swami Kalyandev Govt. Ayurvedic college & Hospital, Rampur, Muzaffarnagar	UG		50.00			40.00
	85	Lalit Hari State PG Ayurvedic college & Hospital, Pilibhit	UG		51.00			313.04

	86	State Ayurvedic Medical College, Lucknow	PG	200.00			
	87	State Ayurvedic College & Hospital, Atarra Banda	UG	50.00	40.00		
	88	Pt. Jawahar Lal Nehru State Homo. Medical College & Hospital, Kanpur	PG	90.00	240.00		
	89	State Shree Durga Ji Homeo. Medical College & Hospital, Azamgarh	UG	49.91		40.02	
	90	State Homo. Medical College & Hospital, Ghazipur	UG	89.99			
	91	State Dr. Brij Kishore Homoeopathic Medical College & Hospital, Fairzabad	UG	260.93	25.00		
	92	State K.G.K. Homoeopathic Medical College & Hospital, Moradabad	UG	299.73			
	93	State Ayurvedic College & Hospital, Handai, Allahabad	UG		300.00		
	94	State Ayurvedic College & Hospital Jhansi	UG		270.00		
	95	SRM State Ayurvedic College & Hospital, Lucknow	UG		90.00		
	96	State Homoeopathy Medical College and Hospital, Barhalganj, Gorakhpur	UG			88.84	210.00
	97	State Homoeopathy Medical College and Hospital, Aligarh	UG				90.00
	98	State Homoeopathy Medical College and Hospital, Ayodhya	UG				10.22
Uttarakhand	99	Rishikul Ayurveda College, Haridwar	PG	10.57			

West Bengal	100	Uttarakhand Ayurved University, Dehradun	UG		50.00					
	101	Gurukul Ayurved College, Haridwar.	UG			182.00				
	102	D.N.Dey Homoeopathic Medical College & Hospital, Kolakata	PG	135.83		87.06	97.00	60.00	20.03	
	103	Mahesh Bhattacharya Homoeopathic Medical College & Hospital, Howrah	PG	159.74		115.49	110.00	14.77		
	104	Institute of PG Ayurvedic Education Research, Kolkata	PG	39.44			83.05	90.00	141.49	
	105	Kolkata Homoeopathic Medical College & Hospital, Kolkata	UG	107.15		84.08	105.32	3.45		
	106	Midnapur Homoeopathic Medical College and Hospital	PG		31.32		39.48	48.52	180.68	
	107	J.B Roy State Ayurvedic Medical College & Hospital, Kolkata	UG				60.42	278.59		
108	Ayurveda Pharmacy at Viswanath Ayurveda Maha Vidyalaya, Kolkata	PG				12.64				

**(ii) Status of financial assistance provided for establishment of new AYUSH Educational Institutions, year-wise under NAM**

(Rs. in lakhs)

Name of the State	Sl. No.	Names of the AYUSH Educational Institutions	Amount approved							
			2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22
Andhra Pradesh	1	Govt. Naturopathy & Yoga Medical College, Vishakhapatnam			320.00					
Haryana	2	Govt. Unani College & Hospital, Akera, District Nuh				100.00	400.00	300.00	100.00	
	3	Govt. Homeopathic College & Hospital,					100.00	500.00		

		Chandpura, District Ambala							
Jammu & Kashmir	4	Govt. Ayurved College, Ankhnor, Jammu				225.00	9.25	5.75	15.85
Karnataka	5	Govt. Nature cure & Yoga College, Mysore	139.3 8	254.2 6	200.00	261.74			
	6	Men-Tsee-Khang (Sowa Rigpa) College expansion project of Dalai Lama's Institute of Higher Education, Sheshagirihalli, Bidadi Hobali, Ramanagara District			333.33	566.67		150.00	
Manipur	7	Govt. Homoeopathic Medical College, Keirao, Imphal East District		272.2 2		100.00	15.00	73.43	
Sikkim	8	Namgyal Institute of Tebetology (Sowa Rigpa), Deaorali, Gangtok			708.66				
West Bengal	9	Govt. Yoga & Naturopathy Degree College, Belur State General Hospital, Howrah				500.00			500.00

**GOVERNMENT OF INDIA  
MINISTRY OF AYUSH**

**LOK SABHA  
UNSTARRED QUESTION NO.1558  
ANSWERED ON 10<sup>th</sup> FEBRUARY, 2023**

**Setting-up of AYUSH Health Care Centres**

†1558. SHRI CHIRAG KUMAR PASWAN:

Will the Minister of AYUSH be pleased to state:

(a) the number of health centres set up to promote Ayurveda, Unani and Homoeopathy medicines in Bihar during the last three years and the current year;

(b) whether the Government proposes to set up district-wise AYUSH medical colleges and educational institutions for imparting education and training and if so, the details thereof;



- (c) the manner in which the existing herbs are being used for Ayurveda medicines;
- (d) whether the Government proposes to set-up new manufacturing units for production of Ayurveda medicines and if so, the details thereof;
- (e) whether any initiative has been taken to set up AYUSH hospital in Bihar and if so, the details thereof; and
- (f) whether there is any provision to provide Ayurveda, Homoeopathic and Unani medicines to patients free of cost in Bihar and if so, the details thereof?

**ANSWER**  
**THE MINISTER OF AYUSH**  
**(SHRI SARBANANDA SONOWAL)**

(a) Public Health being a State subject, setting up of health centers to promote Ayurveda, Unani, and Homoeopathy medicines in Bihar comes under the purview respective of State Government. However, under Centrally Sponsored Scheme of National AYUSH Mission (NAM), there is provision of financial assistance for setting up of 50 /30 /10 bedded integrated AYUSH hospitals which includes Ayurveda, Unani, and Homoeopathy medicines. Accordingly, the State Government may avail financial assistance by submitting suitable proposals through State Annual Action Plans (SAAP). Under NAM, as per the proposals received from the State Government of Bihar through SAAPs, Ministry of Ayush has approved one unit of integrated AYUSH Hospital and sanctioned an amount of Rs. 302.695 lakhs during the last three years. Further, during the current year, SAAP of the State Government of Bihar has been approved for an amount of Rs. 9311.916 lakhs including the proposals of three new units of integrated AYUSH hospitals & one ongoing integrated AYUSH hospital and eligible grant of central share would be released as soon as the conditions of Department of Expenditure guidelines vide no. F.N.1 (13) PFMS/FCD/2020 dated 23.03.2022 and corrigendum dated 21.06.2022 regarding procedure for release of funds under the Centrally Sponsored Schemes (CSS) and monitoring utilization of the funds is met by the State Government of Bihar.

(b) Public Health is being a State subject, establishment of new educational institutions for the education system of AYUSH comes under the purview of respective State/UT Governments. Further, National Commission for Indian System of Medicine has not received new Government proposal to establish new Ayurveda, Siddha, Unani and Sowa-rigpa college for the Academic Year 2023-24.

(c) The Drugs & Cosmetics Act, 1940 and Drugs & Cosmetics Rules, 1945 have exclusive regulatory provisions for Ayurvedic, Siddha and Unani (ASU) medicines. Section 3(a), 3(h)(i) of the Act exclusively pertain to ASU medicines and similarly regulatory provisions for Ayurvedic, Siddha and Unani drugs are prescribed in Rules 151 to 170 of Drugs & Cosmetics Rules, 1945. As prescribed in Drugs and Cosmetics Act 1940 and Rules 1945 made there under, enforcement of

the legal provisions pertaining to Quality Control and issuance of drug license of Ayurveda, Siddha, Unani and Homoeopathy drugs, is vested with the State Drug Controllers/ State Licensing Authorities appointed by the concerned State/ UT Government.

(d) Public Health being a State subject, setting up of new manufacturing units for production of Ayurveda medicines comes under the purview of respective State/UT Governments. However, Ministry of Ayush is implementing Central Sector Scheme AYUSH Oushadhi Gunvatta Evam Utpadan Samvardhan Yojana (AOGUSY) having one of the component of strengthening and up-gradation of Ayush Pharmacies and Drug Testing Laboratories to achieve higher standards.

(e) As Public Health being a State subject, setting up of AYUSH hospital in Bihar comes under the purview of respective State Government. However, under NAM, there is provision of financial assistance for setting up of 50 /30 /10 bedded integrated AYUSH hospitals. Under NAM, as per the proposals received from the State Government of Bihar through SAAPs, Ministry of Ayush has approved one unit of integrated AYUSH Hospital and sanctioned an amount of Rs. 302.695 lakhs from 2014-15 to 2021-22.

(f) Public Health being a State subject, the primary responsibility to provide Ayurveda, homoeopathic and Unani medicines to patients free of cost in Bihar lies with the respective State Government. However, under NAM, Ministry of Ayush is supporting the efforts of State Government by providing financial assistance for supply of essential AYUSH medicines to the AYUSH health facilities as per the proposals received in their submitted SAAP.

**GOVERNMENT OF INDIA  
MINISTRY OF AYUSH**

**LOK SABHA  
UNSTARRED QUESTION NO.1568  
ANSWERED ON 10<sup>th</sup> FEBRUARY, 2023**

**Funds under NAM for Uttar Pradesh**

1568. SHRI UPENDRA SINGH RAWAT:

Will the Minister of AYUSH be pleased to state:

(a) the total amount of funds sanctioned under National AYUSH Mission (NAM) for Uttar Pradesh during the last three years and current year, district-wise including Barabanki; and

(b) the total number of immunity boosting Bal Raksha Kits supplied to Uttar Pradesh so far and the details thereof?

**ANSWER**  
**THE MINISTER OF AYUSH**  
**(SHRI SARBANANDA SONOWAL)**

(a) The total amount of funds sanctioned/released under Centrally Sponsored Scheme of National AYUSH Mission (NAM) for Uttar Pradesh during the last three years and current year is Rs. 393.26 Crore. However, under NAM, no grant-in-aid is sanctioned/ released district-wise.

(b) Ministry of Ayush has not supplied the immunity boosting Bal Raksha Kits to the State of Uttar Pradesh under NAM.

**GOVERNMENT OF INDIA**  
**MINISTRY OF AYUSH**

**LOK SABHA**  
**UNSTARRED QUESTION NO. 1579**  
**TO BE ANSWERED ON 10<sup>th</sup> FEBRUARY, 2023**

**“Post COVID-19 Diseases”**

**1579. SHRIMATI QUEEN OJA:**

Will the Minister of AYUSH be pleased to state:

- (a) whether there is an increase in the post COVID-19 diseases in the country and abroad due to ill effects of the pandemic;
- (b) if so, the details thereof;
- (c) whether the Government has any data pertaining to such post COVID-19 diseases;
- (d) if so, the details thereof;
- (e) whether the Government considers the systems of medicines like Ayurveda, Unani, Yoga, Homoeopathy as an effective medicines to prevent from post COVID-19 diseases; and
- (f) if so, the steps taken/to be taken by the Government to promote the said systems of medicines in this regard?

**ANSWER**  
**THE MINISTER OF AYUSH**  
**(SHRI SARBANANDA SONOWAL)**

(a) and (b) As per National Comprehensive Guidelines for Management of Post-COVID Sequelae of Ministry of Health & Family Welfare, Government of India, Post-COVID Syndrome by consensus is defined as signs and symptoms that develop during or after an infection consistent with COVID-19 which continue for more than 12 weeks and are not explained by alternative diagnosis. Detailed guideline is available at - <https://www.mohfw.gov.in/pdf/NationalComprehensiveGuidelinesforManagementofPostCovidSequelae.pdf>.

This syndrome is characterized by symptoms such as fatigue (58%), headache (44%), attention disorder (27%), hair loss (25%), and dyspnea (24%) at 15 to 110 days post-viral infection. Indian data on 383 Post-Covid participants suggest the presence of fatigue (45.8%), breathlessness (37.5%), headache (8.3%), muscle pain (33.3%) etc. at 6 weeks to 3 months post-infection. [Source - <https://pubmed.ncbi.nlm.nih.gov/33532785> ]

(c) and (d) As per the available information, There is no any direct study to state as to whether COVID-19 pandemic has increased the incidence of other diseases. The WHO has reported a noticeable surge of 25% in global prevalence of anxiety and stress during the first year of the COVID-19 pandemic. [Source - <https://www.who.int/news/item/02-03-2022-covid-19-pandemic-triggers-25-increase-in-prevalence-of-anxiety-and-depression-worldwide>]

(e) and (f) Yes Sir. Government of India has also released “**National Clinical Management Protocol based on Ayurveda and Yoga for management of COVID-19**” prepared by National Task force. It includes guidelines for prophylaxis, management of asymptomatic, mild COVID-19 cases and post-COVID management.

Ministry of Ayush has also released Ayush recommendations for the public on holistic health and well-being Preventive measures and care during COVID-19 & LONG COVID-19. It includes Ayush recommendations for Post COVID-19.

National Institutes and Research Councils under Ministry of Ayush has taken following steps to prevent post COVID-19 diseases –

- i. All India Institute of Ayurveda, New Delhi has established a special Out Patient Department (OPD) to treat patients with Post COVID-19 diseases and are being treated

successfully at OPD level with oral medications and In Patient Department (IPD) treatment with required Panchakarma therapies.

- ii. Central Council for Research in Ayurvedic Sciences (CCRAS) has undertaken one clinical study on Ayurvedic interventions (Agastya Haritaki and Ashwagandha) and Yoga in long term effects of COVID-19. The study is completed and analysis of the study data is under process.
- iii. Central Council for Research in Homoeopathy (CCRH) has undertaken research studies on homeopathic treatment of post COVID-19 illnesses in general, respiratory sequelae etc. in post COVID cases.

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**GOVERNMENT OF INDIA  
MINISTRY OF AYUSH**

**LOK SABHA  
UNSTARRED QUESTION NO. 1582  
TO BE ANSWERED ON 10<sup>th</sup> FEBRUARY, 2023**

**“Effectiveness of Ayurveda Medicines for COVID-19”**

**1582. SHRI T.R. BAALU:**

Will the Minister of AYUSH be pleased to state:

- (a) the contribution of ayurveda medicines in dealing with the COVID-19 pandemic;
- (b) whether Union and State Governments have approved any ayurveda medicines for pre and post COVID-19 treatment and if so, the details thereof;
- (c) whether any study has been carried out to assess the efficacy and success of such ayurveda medicines and if so, the details thereof;
- (d) whether the Government is aware of the fact that a group of scientists and physicians recently launched a campaign in social media calling all AYUSH Systems “pseudoscience”; and
- (e) if so, the details thereof along with the response of the Government thereto?

**ANSWER  
THE MINISTER OF AYUSH  
(SHRI SARBANANDA SONOWAL)**

(a) Ministry of Ayush has taken various steps for the management and mitigation of COVID-19 through Ayush systems of medicine including Ayurveda. Details are at **Annexure-I**.

(b) Ministry of Ayush has constituted an Interdisciplinary Technical Review Committee (ITRC) for COVID-19 vide notification No. T-14020/5/2020-DCC dated 28.10.2020 for the examination of the applications/claims on Patent & Proprietary (P&P) Ayurveda, Siddha, Unani & Homoeopathy (ASU&H) medicines/ classical ASU&H medicines with new indication or re-purposing of licensed P&P, ASU&H medicines for COVID-19, forwarded by State Licensing Authorities/ Individuals referred by Ministry of Ayush.

The ITRC for COVID-19 has suggested and recommended following three Ayurveda medicines for the prevention/management of COVID-19 -

<b>S.no.</b>	<b>Name of the product</b>	<b>Company name</b>
1.	Coronil Tablet	M/s Patanjali Research Foundation Trust, Uttrakhand.
2.	Clevira tablet	M/s Apex Laboratories Private Ltd., Chennai.
3.	NAOQ19 tablet	M/s Sri Sri Sriveda Sattva Pvt. Ltd., Bangalore.

(c) Yes Sir. Ministry of Ayush has formed an Inter-disciplinary AYUSH R&D Task Force chaired by Prof. Bhushan Patwardhan and having representation from scientists including Indian Council of Medical Research (ICMR), Department of Biotechnology (DBT), Council of Scientific and Industrial Research (CSIR), All India Institute of Medical Sciences (AIIMS) and AYUSH Institutions. The Interdisciplinary AYUSH Research and Development Task Force has formulated and designed clinical research protocols for prophylactic studies and add-on interventions in COVID-19 positive cases through thorough review and consultative process of experts of high repute from different organizations across the country for studying four different interventions viz. Ashwagandha, Yashtimadhu, Guduchi + Pippali and a poly herbal formulation (AYUSH-64).

Ministry of Ayush issued Gazette notification L.11011/8/2020/AS dated 21.04.2020 for undertaking research on COVID-19 through Ayurveda, Siddha, Unani and Homeopathy Systems

including prophylactic measures, intervention during the quarantine, asymptomatic and symptomatic cases of COVID-19, Public Health Research, Survey, Lab Based Research etc. to generate evidence.

Ministry of Ayush has also launched interdisciplinary studies involving Ayush interventions for COVID-19 based on recommendations of Task force. Under various research organizations and National Institutes under Ministry of Ayush, 150 research studies in the country are being conducted on Ayush interventions.

Ayush Sanjivani mobile app has also been developed by Ministry of Ayush and has documented the impact assessment of effectiveness, acceptance and usage of Ayush advisories & measures in the prevention of COVID-19 through Mobile app base population study in around 1.35 crores respondents and analysis of 7.24 lakh public data revealed that 85.1% of the respondents reported use of Ayush measures for prevention of COVID-19, among which 89.8% respondents agreed to have benefitted from the practice of Ayush advisory.

(d) and (e) Ministry of Ayush is aware that a few vested interest led professionals keep on trying to denigrate Ayush systems. Whenever a specific allegation is made the Ministry responds with relevant facts. On the other hand, the Ministry of Ayush regularly posts research based social media posts and also utilizes the Press Information Bureau (PIB) route to refute false claims through the "Fake News" section."

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## Annexure- I

- i. Ministry of Ayush recommends self-care guidelines for preventive health measures and boosting immunity.
  - General Measures
  - Ayurvedic Immunity Promoting Measures
  - Simple Ayurvedic Procedures
  - During dry cough/sore throat
- ii. Government of India has also released “**National Clinical Management Protocol based on Ayurveda and Yoga for management of COVID-19**” prepared by National Task force. The Ayurveda protocol includes guidelines for prophylaxis, management of asymptomatic and mild COVID-19 cases and post-COVID management.
- iii. Ministry of Ayush has also released Ayurveda, Unani and Siddha preventive measures for selfcare during COVID-19 and Guidelines for Ayush Practitioners for COVID-19 Patients in Home Isolation.
- iv. Ministry of Ayush has released Home care guidelines for children and Advisory for AYUSH Practitioners about prophylactic care in Children during the COVID-19 Pandemic.
- v. Ministry of Ayush has released Ayush recommendations for the public on holistic health and well-being Preventive measures and care during COVID-19 & LONG COVID-19.
- vi. Ministry of Ayush has released guidelines for Ayurveda Practitioners for COVID-19 patients in Home Isolation and Ayurveda & Unani based Preventive Measures for self care during COVID-19 Pandemic.
- vii. Ministry of Ayush has released an advisory on “Ayush interventions for Prophylaxis & Management of COVID-19” and Ayush guidelines for COVID-19 cases for care givers.
- viii. The scientists of reputed research institutions of the country have found that AYUSH 64, a poly herbal formulation developed by the Central Council for Research in Ayurvedic Sciences (CCRAS), Ministry of Ayush is useful in the treatment of asymptomatic, mild and moderate COVID-19 infection as an adjunct to standard care. In order to provide maximum benefit of Ayush systems of medicine, a Nation-wide campaign has been launched for distribution of AYUSH-64 and Kabasura Kudineer through 86 clinical units of Research Councils and National Institutes under Ministry of Ayush.



**GOVERNMENT OF INDIA  
MINISTRY OF AYUSH  
LOK SABHA**

**UNSTARRED QUESTION NO. 1583  
ANSWERED ON 10.02.2023**

**Research and Development in AYUSH Sector**

**1583. SHRI N.K. PREMACHANDRAN:**

Will the Minister of AYUSH be pleased to state:

- (a) whether the Government proposes to promote the Research and Development in different disciplines under AYUSH and if so, the details thereof;
- (b) whether the Government proposes to initiate action to get patent to the AYUSH medicines and if so, the details thereof along with the list of patents obtained for AYUSH medicines during the last seven years;
- (c) whether the Government proposes to encourage the private institutions for research and development in AYUSH sector and if so, the details thereof;
- (d) whether the Government proposes to get the scientifically proven AYUSH medicines under the category of modern medicines;
- (e) if so, the action taken to obtain such research outcome and patent for AYUSH medicines; and
- (f) the details regarding the Research and Development in AYUSH during the last seven years?

**ANSWER**

**THE MINISTER OF AYUSH  
(SHRI SARBANANDA SONOWAL)**

(a) Ministry of Ayush is having five Research Councils working as Autonomous Organizations with a common mandate to initiate, develop, undertake and coordinate scientific research in fundamental and applied aspects in their respective systems of Ayush medicines. These councils are working for Research and Development in different disciplines of Ayush systems.

These five Research Councils are:

1. Central Council for Research in Ayurvedic Sciences (CCRAS)
2. Central Council for Research in Yoga and Naturopathy (CCRYN)
3. Central Council for Research in Unani Medicine (CCRUM)

4. Central Council for Research in Siddha (CCRS)
5. Central Council for Research in Homoeopathy (CCRH)

**(b)** Department of Promotion of Industries and Internal trade (DPIIT) has constituted a Committee for enabling intellectual Property Rights (IPRs) protection to traditional systems of Indian Medicines under the chairmanship of Secretary (DPIIT).

A Sub-Committee has also been constituted with representatives from Ministry of Ayush, CSIR, DST, DBT, RIS and IPR to review and suggest amendments in the existing guidelines for processing patent applications related to Traditional Knowledge.

Four (4) National Institutes (ITRA, AIIA, NIS and NIA) under Ministry of Ayush has applied for establishment of IPR chair at their Institution under SPIRHA Scheme of DPIIT.

The list of Patents obtained by organizations under Ministry of Ayush during the last seven years has been placed at **Annexure A**.

**(c)** Yes, Ministry of Ayush is providing assistance to Government and Private institutions for Research and development in Ayush Sector. Ministry of Ayush is implementing a central sector schemes namely "Ayurwashthya Yojana". Under the Center of Excellence component of this scheme; Ministry provides financial support for establishment of advanced/ specialized Ayush medical health unit in reputed Ayush and Allopathy institutions both in Government and Private Sector and also support creative and innovative proposals for establishment and up-gradation of both functions and facilities of reputed institutions to strengthen competencies of Ayush professionals in Education technology, Research & innovation, and such other fields necessary for promotion of Ayush at national as well as international level. This Scheme also support creative and innovative proposals for prestigious organizations which have well-established buildings and infrastructure, and wish to work for Ayush systems to the level of Centre of Excellence.

**(d)& (e)** No such proposal to get the scientifically proven AYUSH medicines under the category of modern medicines is under consideration.

**(f)** Major achievements in field of Research and Development in Ayush Sector during last 7 years is placed at **Annexure B**.

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## ANNEXURE A

### list of Patents obtained by organizations under Ministry of Ayush

S.No.	Patent details	Patent No.
<b>Central Council for Research in Ayurvedic Sciences (CCRAS)</b>		
1.	A method for preparing a pharmaceutical composition for treatment of psoriasis.	<b>Pat. No: 273880</b> <b>Dated: 30.06.2016</b>
2.	Collaborative Patent Filed in India with IIT, Delhi System for providing restorative/relaxation bathing	<b>Pat. No: 330609</b> <b>Dated: 29.01.2020</b>
<b>Central Council for Research in Unani Medicine (CCRUM)</b>		
3.	Scar and A Kit for the Authentication of Single Drug Tukhm-E-Kasoos ( <i>Cuscutareflexa</i> ) and its Adulterant AftimoonVilayati ( <i>Cuscutachinensis</i> )	<b>Pat. No: <u>286901</u></b> <b>Dated:31/08/2017</b>
4.	Scar and A Kit for the Scar Primers and a Kit For The Authentication of Unani Drug FilfilSiyah ( <i>Piper nigrum</i> ) and its Adulterant <i>Carica papaya</i>	<b>Pat. No: <u>286936</u></b> <b>Dated:31/08/2017</b>
5.	Scar and A Kit for the Scar ScarPrimers and a Kit for the Authentication of Unani drug Zarishk ( <i>Berberisaristata</i> ) and its Adulterant Daru Haridra ( <i>Cosciniumfenestratum</i> )	<b>Pat. No: <u>292117</u></b> <b>Dated:25/01/2018</b>
6.	Scar and A Kit for the Scar Primers and a Kit For The Authentication of Unani Drug Amla ( <i>Emblica officinalis</i> ) and its Adulterant Shakarkand ( <i>Ipomoea batatas</i> )	<b>Pat. No: <u>292056</u></b> <b>Dated:24/01/2018</b>

7. Scar and A Kit for the Scar Primers and a Kit For The Authentication of Unani Drug Senna (*Cassia acutifolia*&*Cassia angustifolia*) and its Adulterant *Carica papaya* **Pat. No: 292112**  
**Dated:25/01/2018**
8. Scar primers and a kit for the authentication of Unani drug *mulethi* (*Glycyrrhizaglabra*) and its adulterant *Abrusprecatorius* **Pat. No: 296647**  
**Dated:09/05/2018**
9. A Patent application relating to SCAR primer and a kit for the authentication of Unani drugs and there adulterants Zaafran (*Crocus sativus*) and its adulterants Qurtum (*Carthamustinctorium*) **Pat. No: 300006**  
**Dated:16/08/2018**
10. A Patent application relating to SCAR primer and a kit for the authentication of Unani drugs and there adulterants RewandChini (*Rheum emodi*) and its adulterants *Rheum palmatum* **Pat. No: 301118**  
**Dated:18/09/2018**
11. A Patent application relating to SCAR primer and a kit for the authentication of Unani drugs and there adulterants *Ziziphusjujuba*and its adulterants JhadBeri (*Ziziphusnummularia*) **Pat. No: 303433**  
**Dated:26/11/2018**

## ANNEXURE B

### **Major achievements in field of Research and Development in Ayush Sector during last 7 years**

1. **Global Centre for Traditional Medicine (WHO GCTM):** Ministry of Ayush and the World Health Organization has established World's first and the only Global Centre for Traditional Medicine (WHO GCTM) in India due to the relentless efforts and pursuance of our Hon'ble PM. The center aims to channel the potential of traditional medicine, by integrating it with technological advancements and evidence-based research.
2. **Ayush Research Portal:** for disseminating Evidence Based Research Data of Ayush Systems at Global Level. Overall, 38294 research studies are available as on date 09<sup>th</sup> February 2023.
3. **COVID Initiatives:** The Ayush Research Portal also maintains a “**National Repository on AYUSH COVID-19 Clinical and Other R&D Initiatives**” where 131 Clinical research studies, 32 Pre-Clinical studies, 98 Drug research studies and 255 research articles related to fundamental Research have been published as on date 09<sup>th</sup> February 2023. In the wake of the COVID-19 pandemic, the Ayush Ministry through collaboration with inter-disciplinary international and national organizations of repute, released National Clinical Management Protocol based on Ayurveda and Yoga for management of COVID-19. Overall, 150 clinical, pre-clinical and epidemiological studies have been undertaken, repurposed drugs like Ayush

64, distributed it nationwide and released guidelines for practitioners & advisories for public at appropriate times.

4. **National Ayush Research Consortium:** A Consortium of Secretaries of MoA (as chair), DST, DBT, DSIR, DoC, MoEFCC and DPIIT has been created. This Consortium will work for developing an institutionalized system of high end, global standard quality research in Ayush systems. A Sub Committee has also been made to chalk out funding mechanism and roadmap.
5. **Intellectual Property Rights:** A Consortium on Patent Practices, IPR Issues & Challenges for Ayush Academia and Industry also created with MoA, DST, DBT, DoC, MoEFCC and DPIIT.
6. **Centre of Excellence:** Ministry has undertaken various Collaborative researches following an integrative research model for scientific evidence generation of Ayush medicines at Institutions of national repute like CSIR, CIMR, ILBS etc.

**GOVERNMENT OF INDIA  
MINISTRY OF AYUSH  
LOK SABHA  
UNSTARRED QUESTION NO-1592  
ANSWERED ON 10/02/2023**

**“Promotion of Traditional Medicines”**

**1592. SHRIMATI HEMA MALINI:**

**DR. DHAL SINGH BISEN:**

**SHRI RAMCHARAN BOHRA:**

Will the **Minister of Ayush** be pleased to state:

- (a) whether the Government has taken any steps to promote international cooperation to expand the ambit of traditional medicines, if so, the details thereof;

(b) whether any study has been undertaken for integration of existing AYUSH list with foreign traditional medicine systems, if so, the details thereof and if not, the new initiatives taken/to be taken therefor;

(c) whether the Government proposes to promote the traditional medicines through education and skill development throughout the country as well as at world level, if so, the details thereof, State/UT-wise;

(d) whether the Government has recently signed a Memorandum of Understanding (MoU) with the World Health Organisation and if so, the details thereof and the targets set in this regard;

(e) whether adequate policy measures have been taken by the Government to promote traditional system of medicines in the country that resulted in the positive outcome and if so, the details thereof; and

(f) whether the Government is giving adequate focus on evidence based research in all AYUSH systems and if so, the details thereof?

## **ANSWER**

### **THE MINISTER OF AYUSH (SHRI SARBANANDA SONOWAL)**

(a) The Ministry has developed a Central Sector Scheme for the Promotion of International Co-operation in AYUSH (IC Scheme) under which the Ministry of Ayush provides support to Indian Ayush drug Manufacturers/ Ayush Service providers to give boost to the export of AYUSH products & services; facilitates the International promotion, development and recognition of AYUSH system of medicine; foster interaction of stakeholders and market development of AYUSH at international level; promote academics and research through the establishment of AYUSH Academic Chairs in foreign countries and holding training workshop/symposiums for promoting and strengthening awareness and interest about AYUSH Systems of Medicine at international level.

The Ministry of Ayush has taken the following steps towards the international recognition for AYUSH systems of medicine:

- Signed 24 Country to Country MoUs for Cooperation in field of Traditional Medicine and Homoeopathy with foreign nations.
- Signed 40 MoUs with international institutes for undertaking Collaborative Research / Academic collaboration.
- Signed 15 MoUs with international institutes for setting up of AYUSH Academic Chairs in foreign nations.
- supported the establishment of 39 Ayush Information Cells in 35 foreign nations.
- Offers scholarships to foreign nationals for undertaking AYUSH courses in recognized AYUSH institutions in India under International Ayush Fellowship/Scholarship Programme.
- In cooperation with QCI, got developed Quality Certification programme viz. Ayush mark and Premium mark to increase reliability of standards of ASU&H Products.
- Given WHO-GMP (COPP) to 31 Ayurvedic Drug manufacturers to facilitate the export of Ayurveda, Siddha, and Unani & Homoeopathy Drugs.
- Signed an agreement with WHO to establish WHO-GCTM in Jamnagar, Gujarat, the ground-breaking Ceremony of which was attended by the Hon'ble Prime Minister of India, Director General of WHO and other esteemed dignitaries on 19.04.2022 in Jamnagar, Gujarat. This Centre aims to provide support to implement WHO's traditional medicine strategy (2014-23) and to support nations in developing policies & action plans to strengthen the role of traditional medicine as part of their journey to universal health coverage.

(b) An AYUSH PHFI research Project/study entitled “Assessment of integration of AYUSH into the public health system for combating COVID-19” is being conducted with the support of WHO. The areas of Collaboration are Development of WHO terminology in Ayurveda, Unani, Siddha, and WHO publication on standard terminology in Ayurveda, Unani, and Siddha. The All India Institute of Ayurveda, M/o AYUSH New Delhi with LSH&TM, UK is



going to undertake “Clinical trial of Ashwagandha for promoting recovery from Covid-19 in the UK”.

(c) Yes, Ministry of Ayush launched a Central Sector Scheme namely Champion Sector Services scheme for Medical Value Travel(CSSS) for Skill Development in Ayush Sector on Pan India basis. The Skill Development in Ayush Sector has the following objectives: (i) To develop Ayush specific skilled human resource. (ii) Capacity building of existing skilled human resources. (iii) To promote Export of Services. (iv) To develop supporting structure for Ayush health services.

The National Commission for Indian System of Medicine is also working to improve the quality of education, through education and clinical skill development, regulatory provisions & streamlining of registration, ethical practice of Indian System of Medicine throughout the Country.

The Ministry of Ayush also setup Ayush Academic Chair in foreign Universities and offers 104 scholarships to foreign scholars to study Ayush Systems in India under the Ayush Scholarships programme. As of now, the Ministry of Ayush has signed 15 MoUs with foreign partner countries for setting up of Ayush Academic Chairs.

(d) Yes, the Ministry of Ayush has collaborated with WHO to promote traditional systems of medicine on the following:

- Signed an agreement to establish WHO-GCTM in Jamnagar, Gujarat, the ground-breaking Ceremony of which was attended by the Hon’ble Prime Minister of India, Director General of WHO and other esteemed dignitaries on 19.04.2022 in Jamnagar, Gujarat.
- A Project Collaboration Agreement (PCA) was signed on 13th May, 2016 as an Umbrella MoU for cooperation on promoting the quality, safety and effectiveness of service provision in traditional and complementary medicine.
- Launching four WHO benchmark documents developed by Traditional, Complementary and Integrative Medicine Unit, WHO as part of the collaboration agreement (PCA).

- Donor Agreement for developing a Second Module in the Traditional Medicine (TM) Chapter of the International Classification of Diseases -11 Revision (ICD-11).
- An AYUSH PHFI research Project/study entitled “Assessment of integration of AYUSH into the public health system for combating COVID-19” has been conducted with the support of WHO.
- Ministry deputed experts at WHO Hq. Geneva for supporting the work of International Pharmacopeia of Herbal Medicine (IPHM) and for the work related to development of WHO terminology for Ayurveda, Unani, Siddha.
- Ministry has signed an agreement with WHO for the secondment at grade P5 to the World Health Organization (WHO), Traditional, Complementary and Integrated Medicine Unit within the Department of Integrated Health Services (IHS).
- Ministry has signed an agreement with WHO for the secondment of grade P4 at WHO SEAR office at New Delhi.

(e) Yes, the Ministry of Ayush has taken crucial policy measures to promote the traditional system of medicines in the country i.e. constitution of the National Commission for Indian System of Medicine, MoUs with the Ministry of Defence for establishing Ayurveda OPDs at AFMS Hospitals and Cantonment Board Hospitals, with Ministry of Railways for introduction of Ayush in Railway Hospitals, with Department of Science & Technology, Tripartite MoU between Ministry of Ayush, CSIR and ICAR, and collaborated with the Ministry of Tribal Affairs, the Ministry of Micro, Small & Medium Enterprises(MSME), and with the Ministry of Electronics and IT (MeitY) for providing technical support to Ministry of Ayush.

A Strategic Policy and Facilitation Bureau (SPFB) has been established in the Ministry in collaboration with Invest India to facilitate investment in Ayush sector.

(f) Yes, the Ministry of Ayush has constituted a committee under the chairmanship of Secretary, Ayush along with the Secretaries of Department of Science and Technology (DST), Department of Biotechnology (DBT), Department of Scientific and Industrial Research

(DSIR), Department for Promotion of Industry and Internal Trade(DPIIT), Department of Commerce(DoC) and Ministry of Environment, Forest and Climate Change of India (MoEF & CC) for promoting collaboration in Ayush research among scientific bodies. And Ministry of Ayush has collaborated with Department of Biotechnology for identifying research priorities for collaborative research under the purview of MoU between Ministry of Ayush & DBT, with Indian Council of Medical Research (ICMR) for identifying, visualizing, planning, implementing and integrating common research areas between Ministry of Ayush & ICMR, with Council of Scientific and Industrial Research (CSIR) for integration of traditional systems of medicine and modern science.

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**GOVERNMENT OF INDIA  
MINISTRY OF AYUSH**

**LOK SABHA  
UNSTARRED QUESTION NO. 1593  
ANSWERED ON 10<sup>th</sup> FEBRUARY, 2023**

**Construction of AYUSH Hospitals**

1593. DR. NISHIKANT DUBEY:  
SHRI KANUMURU RAGHU RAMA KRISHNA RAJU:

Will the Minister of AYUSH be pleased to state:

- (a) the details of new AYUSH hospitals constructed during the last three years and the current year in the country, State-wise;
- (b) the details of such hospitals are still under construction;
- (c) the time by which the said hospitals will be operational; and
- (d) the details of cost escalation due to delay in completion of said hospitals?

**ANSWER  
THE MINISTER OF AYUSH**

**(SHRI SARBANANDA SONOWAL)**

(a) to (d) Public Health being a State subject, construction of new AYUSH hospitals comes under the purview of the respective State/UT Government. However, under the Centrally Sponsored Scheme of the National AYUSH Mission (NAM), there is a provision of financial assistance for setting up of 50/30/10 bedded Integrated AYUSH Hospitals. Under NAM, as per the proposals received from the State/UT Governments in their State Annual Action Plans (SAAPs), the Ministry of Ayush has approved 90 units of Integrated AYUSH Hospitals as per the provision of the cost norm of the NAM guidelines during the last three years and current year. Out of these approved 90 integrated AYUSH Hospitals, as reported by the State/UT Governments, construction work of 17 Integrated AYUSH Hospitals are completed, 52 Integrated AYUSH Hospitals are under various stages of construction and construction work of 21 Integrated AYUSH Hospitals are not started. The detailed status of Integrated AYUSH Hospitals functional/ construction completed/ under construction/ construction not started during the last three years and current year, State/UT-wise is furnished at **Annexure**. Since, implementation of the Scheme comes under the purview of the respective State/UT Government and accordingly, no specific timeline has been fixed by the Government of India for completion of these hospitals.

**Annexure**

**The State/UT wise list of functional integrated AYUSH Hospitals alongwith their current status during the last three years (2019-20 to 2021-22) and current year (2022-23)**

Sl. No.	State/UT	Name of the Location/District	Status as reported by State/UT Government
1	Andaman & Nicobar Islands	Port Blair	Under Construction
2	Andhra Pradesh	Kakinada	Construction not started
		Visakhapatnam	Construction not started
3	Arunachal Pradesh	Likabali, Lower Siang District.	Construction not started
		Bhalukpong, West Kameng District.	Construction not started
4	Assam	Majuli	Construction completed
5	Bihar	Patna	Under Construction
6	Chhattisgarh	Janjgir Champa	Under Construction
		Mahasamund	Under Construction
		Korea	Under Construction
		Korba	Under Construction

		Kanker	Under Construction
		Narayanpur	Under Construction
		Bijapur	Under Construction
		Dantewada	Under Construction
		Raipur	Under Construction
		Bilaspur	Under Construction
		Durg	Under Construction
		Surguja District Headquarter	Under Construction
		Dalli Rajhara	Under Construction
7	Gujarat	Surat	Construction not started
8	Haryana	Hisar	Under Construction
9	Himachal Pradesh	Solan	Construction not started
10	Jammu & Kashmir	Kishtwar	Under Construction
		Kupwara	Under Construction
		Bilawar	Under Construction
		Kulgam	Under Construction
		Samba	Under Construction
11	Jharkhand	Kanke, Ranchi	Construction not started
12	Karnataka	Gadag	Functional
		Manglore	Functional
		Thirthahalli, Shivamogga District	Construction not started
13	Kerala	Mattannur, Kannur District	Under Construction
		Chalaky, Thrissur, District	Under Construction
		Adoor, Pathanamthitta District	Construction not started
		Kottarakkara, Kollam District	Construction not started
		Attappadi, Palakkad District	Construction not started
14	Maharashtra	Nandurbar	Under Construction
		Sindhudurg	Under Construction
		Pune	Under Construction
		Ahmednagar	Under Construction
15	Manipur	Moreh, Chandel District	Functional
		Churachandpur	Under Construction
		Keirao AC, Imphal East District	Functional
		Chandel District	Construction not started
		Jiribam	Construction not started
		Kangpokpi	Construction not started
		Bishnupur	Construction not started
		Noney	Construction not started
		Thoubal	Construction not started
Senapati	Construction not started		

16	Madhya Pradesh	Bhopal	Functional
		Narsinghpur	Under Construction
		Balaghat	Under Construction
		Sehore	Under Construction
17	Meghalaya	Sohra (Cherapunje), CHC, East Khasi Hills	Under Construction
		Umtrew Village, Ri Bhoi District	Under Construction
18	Mizoram	Aizawl	Under Construction
19	Nagaland	Noklak, Tuensang District	Functional
		Razha, Chedema	Functional
		Sapangya (Chungtia)	Under Construction
		Yachem, Longleng	Under Construction
20	Odisha	Balasore	Under Construction
		Dhenkhal	Under Construction
21	Puducherry	Villianur	Under Construction
		Yanam	Under Construction
22	Rajasthan	Sikar	Under Construction
23	Sikkim	Deorali, East Sikkim	Construction not started
24	Tamil Nadu	Namakkal	Construction not started
25	Uttar Pradesh	Sirathu Kaushambi	Functional
		Sonbhadra	Functional
		Orai Jalaun	Construction completed
		Sant Kabir Nagar	Functional
		Saharanpur	Under Construction
		Deoria	Functional
		Lalitpur	Functional
		Amethi	Functional
		Kanpur Dehat	Functional
		Ferozpur, Ballia district	Under Construction
		Raebareli	Under Construction
		Baghpat	Under Construction
		Fatehpur	Under Construction
		Shravasti	Under Construction
		Unnao	Under Construction
		Hardoi	Under Construction
		Gorakhpur	Under Construction
Sambhal	Under Construction		
Mirzapur	Under Construction		
Jaunpur	Construction not started		

26	West Bengal	Paschim Midnapore	Functional
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**GOVERNMENT OF INDIA  
MINISTRY OF AYUSH**

**LOK SABHA  
UNSTARRED QUESTION NO. 1598 FOR 10.02.2023**

**RESEARCH IN AYUSH SECTOR**

**1598. SHRI VINOD KUMAR SONKAR:**

**SHRI RAJVEER SINGH (RAJU BHAIYA):**

**SHRI RAJA AMARESHWARA NAIK:**

**DR. SUKANTA MAJUMDAR:**

**SHRI BHOLA SINGH:**

Will the Minister of AYUSH be pleased to state:

- (a) whether the Ministry has signed a Memorandum of Understanding (MoU) with Department of Science and Technology (DST) for undertaking the Research and Development (R&D) activities to promote evidence-based research and scientific intervention in the AYUSH sector, if so, the details thereof;
- (b) whether they have agreed to jointly undertake R&D activities, on scientific validation of AYUSH concepts, procedures and products and create a platform for the exchange of information, if so, the details thereof;
- (c) whether the MoU will identify the potential areas of research to explore cooperation, convergence and synergy for evidence-based scientific intervention in the AYUSH sector and further application into public healthcare system and if so, the details thereof; and
- (d) whether the MoU will also focus on special calls for proposals under AYUSH related R&D activities solicited from the individual or group of national scientists actively engaged in research and technology development in academic institutions, research organizations, Government's agencies and industries, if so, the details thereof?

**ANSWER**  
**THE MINISTER OF AYUSH**  
**(SHRI SARBANANDA SONOWAL)**

**(a) Yes,**

Ministry of Ayush has signed a Memorandum of Understanding (MoU) with Department of Science and Technology on 25<sup>th</sup> November 2022. The purpose of this MoU is exploration of cooperation, convergence and synergy to have evidence-based scientific intervention in the Ayush sector.

**(b) (c) & (d)**

**Yes,**

The Ministry of Ayush and the DST have agreed jointly undertake Research and Development activities on scientific validation of Ayush concepts, procedures and products.

The terms of reference in MoU mention that both parties have agreed to constitute a committee comprising members from DST and Ministry of Ayush to identify the potential areas of research and further application of these into public health care system.

The MoU is also focus on special calls for proposals under Ayush related R&D activities solicited from the individual or group of national scientists actively engaged in research and technology development in academic institutions, research organizations, Governments agencies and industries.

**GOVERNMENT OF INDIA**  
**MINISTRY OF AYUSH**  
**LOK SABHA**

**UNSTARRED QUESTION NO. 1403**  
**ANSWERED ON 10.02.2023**

**AYUSH Research Centres**



1403. SHRIMATI POONAMBEN MAADAM:

Will the Minister of AYUSH be pleased to state:

- (a) whether the Government has developed dedicated AYUSH Research Centres in the country;
- (b) if so, the details thereof;
- (c) the details of research to cure life-threatening diseases that are underway in such Research Centres and the outcome thereof;
- (d) whether the Government plans to set up new AYUSH research centres and strengthen/upgrade the existing ones; and
- (e) if so, the details thereof?

**ANSWER**

**THE MINISTER OF AYUSH  
(SHRI SARBANANDA SONOWAL)**

(a) & (b) Ministry of Ayush is having five Research Councils working as Autonomous Organizations with a common mandate to initiate, develop, undertake and coordinate scientific research in fundamental and applied aspects in their respective systems of Ayush medicines.

These five Research Councils are:

- 6. Central Council for Research in Ayurvedic Sciences (CCRAS)
- 7. Central Council for Research in Yoga and Naturopathy (CCRYN)
- 8. Central Council for Research in Unani Medicine (CCRUM)
- 9. Central Council for Research in Siddha (CCRS)
- 10. Central Council for Research in Homoeopathy (CCRH)

The details of Regional Research Centres/Research Institutes working under these Research Councils has been placed as **Annexure A.**

(c) The research projects carried out for research on life threatening diseases have been placed as **Annexure B.**

(d) & (e)

One Siddha Clinical Research Unit under Central Council for Research in Siddha (CCRS) has been established in Goa. The Regional Research Centre of Central Council for Research in Unani Medicine (CCRUM) situated at Silchar, Assam has been upgraded to Regional Research Institute of Unani

Medicine. One extension centre of Regional Research Institute of Unani Medicine (RRIUM), Mumbai has also been established at J.J. Hospital, Mumbai. One Clinical Research Unit in Unani Medicine has been established at Imphal, Manipur. The Regional Research Institute under Central Council for Research in Homoeopath (CCRH) situated at Jaipur, Rajasthan has been upgraded to Central Research Institute for Homoeopathy. Central Research Institute (Homoeopathy) at Kottayam has been upgraded to National Homoeopathy Research Institute in Mental Health.

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**ANNEXURE A**

**Details of Regional Research Centres/Research Institutes working under these Research Councils**

<b>Name of the State/U.T</b>	<b>No. of Centers</b>	<b>Name of Institute/Unit</b>
<b>AYURVEDA (30)</b>		
Andaman & Nicobar Islands	01	Regional Ayurveda Research Institute, Port Blair
Andhra Pradesh	01	Regional Ayurveda Research Institute, Vijayawada
Arunachal Pradesh	01	Regional Ayurveda Research Institute, Itanagar
Assam	01	Central Ayurveda Research Institute, Guwahati
Bihar	01	Regional Ayurveda Research Institute, Patna
Delhi	01	Central Ayurveda Research Institute, New Delhi
Goa	01	Regional Ayurveda Research Institute for Mineral and Marine Medicinal Resources, Goa
Gujarat	01	Regional Ayurveda Research Institute, Ahmedabad
Himachal Pradesh	01	Regional Ayurveda Research Institute, Mandi
Jammu & Kashmir	01	Regional Ayurveda Research Institute, Jammu
Karnataka	01	Central Ayurveda Research Institute, Bengaluru
Kerala	align="center">02	National Ayurveda Research Institute for Panchakarma, Cheruthuruthy
		Regional Ayurveda Research Institute, Thiruvananthapuram
Madhya Pradesh	01	Regional Ayurveda Research Institute, Gwalior
Maharashtra	align="center">03	Raja Ramdeo Anandilal Podar (RRAP) Central Ayurveda Research Institute, Mumbai
		Regional Ayurveda Research Institute, Nagpur.
		Regional Ayurveda Research Institute, Pune
Nagaland	01	Regional Ayurveda Research Centre, Dimapur, Nagaland
Odisha	01	Central Ayurveda Research Institute, Bhubaneswar

Name of the State/U.T	No. of Centers	Name of Institute/Unit
Punjab	01	Central Ayurveda Research Institute, Patiala
Rajasthan	01	M.S. Regional Ayurveda Research Institute, Jaipur
Sikkim	01	Regional Ayurveda Research Institute, Gangtok
Tamil Nadu	02	Captain Srinivasa Murthy Central Ayurveda Research Institute, Chennai
		Dr. Achanta Lakshmi pati Regional Ayurveda Research Institute, Chennai
Telangana	01	National Centre of Indian Medical Heritage, Hyderabad
Tripura	01	Regional Ayurveda Research Centre, Agartala, Tripura
Uttar Pradesh	01	Central Ayurveda Research Institute, Jhansi
Uttarakhand	02	Regional Ayurveda Research Institute, Lucknow
		Regional Ayurveda Research Institute, Ranikhet
West Bengal	01	Central Ayurveda Research Institute, Kolkata
<b>YOGA &amp; NATUROPATHY (02)</b>		
Karnataka	01	Post Graduate Institute of Yoga and Naturopathy Education and Research (PGIYNER), Nagamangala, Karnataka:
Haryana	01	Post Graduate Institute of Yoga and Naturopathy Education and Research (PGIYNER), Devarkhana, Jhajjar, Haryana
<b>UNANI (23)</b>		
Andhra Pradesh	01	Clinical Research Unit, Dr. Abdul Haq Unani Medical College, 40/23, Park Road, Kurnool-518 001 (Andhra Pradesh)
Assam	01	Regional Research Institute of Unani Medicine (RRIUM), Veterinary Bazar, Ghungoor, Silchar-788014, (Assam)
Bihar	01	Regional Research Institute of Unani Medicine, Guzri, Patna City, Patna- 800 008 (Bihar)
Delhi	03	Regional Research Institute of Unani Medicine, D-11/1, Abul Fazal Enclave, Jamia Nagar, Okhla, New Delhi – 110 025.
		Hakim Ajmal Khan Institute of Literary and Historical Research in Unani Medicine, Dr. M. A. Ansari Health Centre, Jamia Millia Islamia, Okhla, New Delhi – 25

Name of the State/U.T	No. of Centers	Name of Institute/Unit
		Drug Standardization Research Unit, 61-65 Institutional Area Opp. D Block Janakpuri New Delhi
Jammu & Kashmir (UT)	01	Regional Research Institute of Unani Medicine, University of Kashmir Campus, Hazrat Bal, Srinagar – 190 006 (Jammu & Kashmir)
Kerala	01	Clinical Research Unit (Unani), Kurupatil Nina Memorial, Near Panchayat Office, P. O. Edathala (N) – 683 564 Alweye, Kerala
Karnataka	01	Clinical Research Unit (Unani), National Institute of Unani Medicine, Kottigepaliya, Magadi Main Road, Bengaluru – 560 091 (Karnataka)
Madhya Pradesh	02	Clinical Research Unit (Unani) Department of Pharmacology, Gandhi Medical College, Bhopal – 462 001 (M.P.)
		Clinical Research Unit (Unani) S. H. Unani Tibbiya College Ganpati Naka, Burhanpur – 450 331 (M.P.)
Maharashtra	01	Regional Research Institute of Unani Medicine Plot No.38/39, Sector-18 , Kharghar, Navi Mumbai (Maharashtra)-410210
Manipur	01	Clinical Research Unit, Lamphel Road, Lamphelpat, Imphal, Manipur 795004
Odisha	01	Regional Research Institute of Unani Medicine, Chandbali Bypass Road, Near Rural Police Station, Bhadrak – 756 100 (Orissa)
Tamil Nadu	01	Regional Research Institute of Unani Medicine, 01, West Meda Church Street Royapuram, Chennai – 600 013 (Tamil Nadu)
Telangana	01	National Research Institute of Unani Medicine for Skin Disorders (Erstwhile Central Research Institute of Unani Medicine) Opp. E.S.I., Hospital, A.G. Colony Road, Erragadda, Hyderabad – 500 838
Uttar Pradesh	06	Central Research Institute of Unani Medicine, Post & village, Basaha Kursi Road, Lucknow – 226 026 (Uttar Pradesh)

Name of the State/U.T	No. of Centers	Name of Institute/Unit
		Regional Research Institute of Unani Medicine, Shah Jahan Manzil, Aligarh Muslim University, Aligarh – 202 001 (Uttar Pradesh)
		Drug Standardization Research Institute, PLIM, Building, Opp. 'M' Block, Sector-23, Kamla Nehru Nagar, Ghaziabad (Uttar Pradesh)
		Regional Research Centre (RRC), B-501/4, G.T.B. Nagar, Opp. Dulhan Palace, Kareli, Allahabad – 211 016 (Uttar Pradesh)
		Clinical Research Unit (Unani), Cantonment General Hospital (Sotiganj), Begum Bridge, Meerut (Uttar Pradesh)
		Chemical Research Unit, Department of Research in Unani Medicine, Near Office of Dean, Faculty of Science, A.M.U. Aligarh – 202002
West Bengal	01	Regional Research Institute of Unani Medicine, First Floor, 250A/29, G.T. Road (North), Near Jaiswal Hospital, Liluah, Howrah - 711201
<b>SIDDHA (08)</b>		
Tamil Nadu	02	Siddha Central Research Institute, Chennai
		Siddha Clinical Research Unit, Palayamkottai
Kerala	01	Siddha Regional Research Institute, Thiruvananthapuram
Karnataka	01	Siddha Clinical Research Unit, Bengaluru
Andhra Pradesh	01	Siddha Clinical Research Unit, Tirupati
Puducherry	01	Siddha Regional Research Institute, Puducherry
New Delhi	01	Siddha Clinical Research Unit, Safdarjung
Goa	01	Siddha Clinical Research Unit, Goa
<b>HOMOEOPATHY (25)</b>		
Andhra Pradesh	02	Clinical Research Unit (Homoeopathy), Old Maternity Hospital Campus Tirupathi -517507

Name of the State/U.T	No. of Centers	Name of Institute/Unit
		Regional Research Institute (Homoeopathy), Dr. GGH Medial College Campus, Eluru Road, GUDIVADA – 521 301 (AP)
Telangana	01	Regional Research Institute (Homoeopathy) Q.U.B. 32, Room No. 4, Vikram Puri, Habsiguda, Hyderabad -500007
Assam	01	Regional Research Institute (Homoeopathy), NEIARI, Ayurvedic Hospital Campus), Barsojai, Bhetapara, Guwahati-781028
Bihar	01	Clinical Verification unit(Homoeopathy) Guru Govind Singh Hospital, 2nd Floor, Patna City Patna – 800008
Goa	01	Clinical Research Unit(H) Old GMC Building, Ribandar, Goa-403006
Himachal Pradesh	01	Regional Research Institute (Homoeopathy), C-5, Phase 1, Sector-2, Main road New Shimla -171009
Jharkhand	01	Clinical Research Unit (Homoeopathy), Arsunday, Boreya Road,P.O. Boreya, Ranchi-835240
Kerala	01	National Homoeopathy Research Institute in Mental Health Sachivothamapuram, Kottayam-686532
Maharashtra	01	Regional Research Institute (Homoeopathy), "MTNL" Hall No.4, Shopping Centre, Sector-9,CBD Belapur, Navi Mumbai- 400614
Manipur	01	Regional Research Institute (Homoeopathy), New Checkon, Maring Land, Opp. Trival Colony, Imphal -795001
Mizoram	01	Clinical Research Unit (Homoeopathy), AYUSH Building, Civil Hospital, Dawrpui Aizwal, -796001
Nagaland	01	Clinical Research Unit (Homoeopathy), Medical Colony, Dimapur, AYUSH Building, Opp. Office of the Chief Medical Officer Nagaland-797112

Name of the State/U.T	No. of Centers	Name of Institute/Unit
Odisha	02	Regional Research Institute (Homoeopathy), and extension centre, CCRH Building, Marchi Kote Lane, Labanikhia Chaak, Puri -752001
		Extension Unit of RRI(H), Dr. A.C. Homoeopathy M.C.& Hos. Unit-III Bhubaneswar-751001 Odisha
Rajasthan	01	Central Research Institute of Homoeopathy Sector-26, near NRI Circle, Pratap Nagar Housing Board Colony (beside AYUSH bhawan), Jaipur -302006
Sikkim	01	Clinical Research Unit (Homoeopathy), In front of Samphel Hotel, Near Sangram Bhawan, Development Area, Gangtok -737101
Tamil Nadu	02	Homoeopathic Research Institutes for Disabilities Room No. 136, N.I.E.P.M.D Campus, ECR Road, Muttukadu, Chennai-603112
		Centre for Medicinal Plant Research in Homoeopathy 3/126, Indira Nagar, Emerald Post, Ooty, Nilgiri Distt-643 209
Tripura	01	Regional Research Institute (Homoeopathy), Joykrishna Kobra Para Road, Khumulwng, Jirania, Agartala-799045
Uttar Pradesh	03	Dr. D.P. Rastogi Central Research Institute of Homoeopathy, A-1/1, Sector 24, Noida, Gautambudh Nagar-201301 Uttar Pradesh
		Clinical Trial Unit(Homoeopathy) Room No. 10 & 11, 1st Floor (Pvt. Ward) B.R.D. Medical College & Hospital, Gorakhpur -283016, U.P.
		Homoeopathic Drug Research of Institute (HDRI) and extension centre, Campus of National Homoeopathic Medical College and Hospital, and extension centre 1, Viraj Khand, Gomti Nagar, Lucknow-226010
West Bengal	02	Dr. Anjali Chatterjee Regional Research Institute of Homoeopathy 50, Rajendra Chaterjee Road, Kolkata-700035
		Regional Research Institute (Homoeopathy), Opp. Sri Sri Ravisankar Art of Living Temple Chotapathuramjote, Jals Nijamtara Panchayat Darjeeling – 734001



## ANNEXURE B

### Research projects carried out for research on life threatening diseases

#### Central Council for Research in Ayurveda Sciences

1. Ayush QOL2C for improving quality of life in cancer patients: study completed and patent is under process.
2. A phase II trial to study efficacy, toxicity and immunomodulatory effect of Carctol-S in high grade serous epithelial ovarian cancer at first serological relapse: Ongoing
3. A Cross sectional study of Cancer KAP among Ayurveda and Allopathic fraternity
4. Ayurveda Interventions for Cancer: Systematic Review, Meta-analysis; and Revival, Documentation, Validation and analysis of data from practitioners, institutes: Ongoing
5. Assessment of Prakriti (Ayurvedic body constitution) of patients with Cervical and Ovarian cancers: Ongoing
6. Screening of medicinal plants on Anticancer Activity: Report published
7. Understanding Mechanistic role of Carctol-S as an immunomodulatory and anti-cancer compounds against pre-clinical models of Leukemia, lymphoma, Myeloma, Lung and Breast cancer : Ongoing
8. Understanding Mechanistic role of Carctol-S as an immunomodulatory and anti-cancer formulation against Ovarian Cancer: Ongoing
9. Anticancer Potential and molecular mechanism of Rasa sindoor on ovarian cancer cells
10. Evaluation of cytotoxicity, Pharmacokinetic, Anticancer activity, detailed molecular mechanisms of Bhallatakadi Modak in In-vitro (2D & 3D culture) and In-vivo tumor xenograft models: Ongoing

#### Central Council for Research in Unani Medicine

1. Evaluation of the Anticancer potential of a Unani Pharmacopoeial Formulation Dawa-UI-Kurkum at Amity Institute of Pharmacy, Amity University Uttar Pradesh, Noida.

### **Central Council for Research in Siddha**

1. A prospective, single centre, randomized open labelled comparative clinical study to evaluate the effectiveness of Siddha medicine, *Kabasurakudineer* and vitamin c-zinc supplementation in the management of asymptomatic COVID 19 patients. at Government Stanley Medical College.
2. A prospective, single centre, randomized open labelled comparative clinical study to evaluate the effectiveness of Siddha medicine, *Kabasurakudineer* and vitamin c-zinc supplementation in the management of asymptomatic COVID 19 patients. at Government Stanley Medical College
3. A Double blinded RCT Namely "A Double Blinded controlled RCT to evaluate the efficacy *NilavembuKudineer* and *Kabasurakudineer* in Symptomatic COVID 19 Patients" was planned as a collaborative study with Govt. Institute of Medical Sciences, Greater Noida and Siddha Clinical Research Unit, New Delhi
4. A Double blinded RCT Namely "A Double Blinded controlled RCT to evaluate the efficacy *NilavembuKudineer* and *Kabasurakudineer* in Symptomatic COVID 19 Patients" was planned as a collaborative study with Govt. Institute of Medical Sciences, Greater Noida and Siddha Clinical Research Unit, New Delhi
5. A randomized open labelled clinical study to compare the effectiveness of *Kabasurakudineer* and Vitamin-C Zinc supplementation in the management of asymptomatic SARS-CoV-2 patients at Govt. Theni medical college
6. Awareness and practices regarding COVID-19 related prevention, control and promotive measures among population, Tamil Nadu, India: Cross-sectional study
7. A prospective, non-randomized, single-arm interventional study to assess the safety and efficacy of Siddha Sasthric Medicines – Fixed Regimen in the prevention of COVID-19 disease progression of asymptomatic, and mild at Siddha COVID Care Centre, Chennai, 2020 (SSM-FiRe)

8. A Multi-Centric Open labelled clinical trial on D5 Choornam in Mathu Megam (Diabetes Mellitus), Based on the results of the trial, a patent has been filed by CCRS which is under examination.
9. An Interventional Cohort Study in Dengue Prevalent Area by Using Nilavembu Kudineer and Awareness Programme
10. A combination of nilavembu kudineer and adathodai manapagu in the management of dengue fever.
11. Management of Chikungunya through Siddha formulation.
12. Treatment of acute avulsion of posterior cruciate ligament of left knee with bony fragment by Siddha Varmam therapy and traditional bone setting method.
13. Management of Peptic Ulcer using Thamirai chenduram.
14. 777 oil for the management of Psoriasis for which patent has been obtained through National Research Development Council and is now in the public domain.
15. Clinical management of Rheumatoid arthritis using Linga Chenduram and Gowri Chinthamani.
16. A Clinical trial to evaluate the safety and efficacy of Siddha Medicine Nandhi Mezhugu in Stage I and II Breast Cancer Patients has been initiated in collaboration with All India Institute of Ayurveda, New Delhi. - Ongoing Study
17. Multi-centric single arm prospective open trial to check the safety and efficacy of a classical Siddha formulation Rasagandhi Mezhugu in Karuppai Narthasai Kattigal (Fibroid Uterus) among women (25-45 years) attending CCRS-research institutes / unit. - Ongoing Study
18. A pilot study to evaluate the safety and efficacy of Sivanarvembu Kuzhi Thailam (SVK) in the management of Kalanjagapadai (Psoriasis)- Ongoing Study
19. Randomized Controlled Trial of two Siddha drugs in the management of Urolithiasis (Kalladaippu) - Phase II- Ongoing Study
20. A single centre randomized parallel group clinical trial to compare the efficacy of Siddha Varmam Therapy and Thailam Application (SVT) versus Thailam Application (TA) in terms of pain and disability in the treatment of Kumbavatham (Adhesive capsulitis)- Ongoing Study

21. A pilot open single arm clinical trial to evaluate the efficacy of *Sirupeelai Kudineer* in Diabetic Nephropathy- Ongoing Study
22. An open non randomized single arm clinical trial to evaluate the efficacy of nannari manapagu in neer surukku (Urinary tract infections)- Ongoing Study
23. A pilot study to evaluate the safety and efficacy of *Gunmakudori Mezhugu* (GKM) in the management of Garpa vayu Polycystic Ovarian Syndrome in the women of reproductive age. - Ongoing Study
24. An open double arm randomized comparative clinical trial to evaluate and compare the efficacy of Siddha herbal formulations Kalingadhy thailam and Inji Churnam in reducing pain among reproductive age group with Dhoorasoolai (Primary dysmenorrhea) at SCRI OPD Chennai – A pilot Study-Ongoing Study
25. An open label, randomized control proof of concept study to compare the efficacy of Thiriloga chendharam (TC) with Anna Bedhi chendharam (ABC; Active control) in the treatment of veluppu noi (Iron Deficiency Anaemia) in women of reproductive age. - Ongoing Study
26. A Randomized Double Blind Placebo controlled Clinical Study to explore the Immuno modulatory efficacy of Siddha Drug Amukkara Churanam (AC) among the Health care workers of Hospital setting- Ongoing Study
27. An open single arm clinical trial to evaluate efficacy of venpoosani ghritham in the management of leucorrhoea (Vellai Noi) caused by candida albicans- Ongoing Study
28. An open-label, pilot, hospital-based, interventional study with aqueous extract of vellai karisalai samoolam (*Eclipta al*, linn.) in NAFLD (Non-Alcoholic Fatty Liver Disease). - Ongoing Study

### **Central Council for Research in Homoeopathy**

#### **Fundamental Research**

Following Studies are ongoing:

1. Cancer (Amity University, Delhi University),
2. Malaria, (Kalinga Institute of Industrial Technology University, Bhubaneswar)
3. Leishmaniasis (Kalinga Institute of Industrial Technology University, Bhubaneswar),

4. JE & Dengue (Dr. Anjali Chatterjee Regional Research Institute for Homoeopathy, Kolkata)
5. COVID related studies (Dr. Anjali Chatterjee Regional Research Institute for Homoeopathy, Kolkata, Dr. DP Rastogi Central Research Institute for Homoeopathy, Noida, and Utkal University)

**GOVERNMENT OF INDIA**  
**MINISTRY OF AYUSH**  
**LOKSABHA**  
**UNSTARRED QUESTION NO-2774**  
**ANSWERED ON 17/03/2023**

**“WHO-GCTM”**

**2774. SHRI JUGAL KISHORE SHARMA:**

**SHRI PRADEEP KUMAR SINGH:**

**SHRIMATI GEETA KORA:**

**SHRI PARBATBHAI SAVABHAI PATEL:**

Will the **Minister of Ayush** be pleased to state:

- (a) the manner in which WHO-Global Centre for Traditional Medicine (GCTM) would expand its work in the form of a global health centre;
- (b) the manner in which it would promote development of medicines and research associated with traditional medicines; and
- (c) the manner in which it would strengthen evidence based research, training and awareness about traditional medicines under it?

**ANSWER**

**THE MINISTER OF AYUSH**  
**(SHRI SARBANANDA SONOWAL)**

(a) to (c) The WHO-GCTM will provide leadership on global health matters pertaining to traditional medicine which will be helpful for shaping the health research agenda and public health strategies, setting international norms and standards, providing technical support to countries, and monitoring & assessing health trends and protection of traditional knowledge among the Member States. It will help to establish strong linkages among the Member States of WHO. The WHO-GCTM would emerge as a centre of global wellness which will promote the development of medicines and research related to Traditional medicine and will strengthen evidence-based research, training and awareness about Traditional Medicine. The scope of work of WHO-GCTM is as follows:

- i. To act as a mentor for the development and shaping health research agenda, setting international norms and standards, providing technical support to countries, and monitoring & assessing health trends of traditional medicine.
- ii. To establish research methodology standards and develop standards for clinical practice and protocols in traditional medicine.
- iii. To ensure quality, safety and efficacy, accessibility and rational use of traditional medicine.
- iv. To develop norms, standards, and guidelines in relevant technical areas, tools and methodologies for collecting data, undertaking analytics and assessing impact.
- v. To build partnerships and collaborations within WHO, and special programs (IARC, WHO Academy, TDR, Alliance for Health Policy Research, Special program on PHC), other UN agencies, WHO collaborative centre networks, international organizations and professional associations, and objective-specific advocacy groups, in areas of relevance to the objectives.

- vi. To develop specific capacity building and training programs in the areas of relevance to the objectives and conduct training programs in campus, residential, or web-based, and through partnerships with the WHO Academy and other strategic partners.
- vii. To act as a guiding principle in developing guidelines for health technology assessment and health economics inferred from traditional medicine and support countries' evolving strategies on this.

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**GOVERNMENT OF INDIA  
MINISTRY OF AYUSH**

**LOK SABHA  
UNSTARRED QUESTION NO. 2775  
TO BE ANSWERED ON 17<sup>th</sup> MARCH, 2023**

**Setting up of Siddha Research Center**

2775 **Shri A.K.P. CHINRAJ:**

Will the Minister of **AYUSH** be pleased to state:

- (a) whether the Government is planning to set up Siddha research center in Kolli Hills of Namakkal and if so, the details thereof;
- (b) whether the Government has conducted any survey regarding availability of medicinal plants in the Kolli Hills region of Namakkal District, Tamil Nadu; and
- (c) if so, the details and outcome thereof?

**ANSWER**

**THE MINISTER OF AYUSH  
(SHRI SARBANANDA SONOWAL)**

a) No, Sir. There are already three (3) peripheral institutes of Central Council for Research in Siddha (CCRS) functioning in Tamil Nadu namely (1) Siddha Central Research Institute, Chennai, (2) Siddha Clinical Research Unit, Palayamkottai, and (3) Siddha Medicinal Plants Garden (SMPG), Mettur Dam. A National Institute of Siddha (NIS) under Ministry of Ayush is also situated in Chennai, Tamil Nadu.

b)& c) Yes, Sir. SMPG, Mettur Dam under CCRS has conducted a one-day survey tour to explore the flora of Kolli Hills, Namakkal District, Tamil Nadu on 04-06-2022. The team has surveyed the floral diversity of the area and collected plant samples for propagation at SMPG as well as for Herbarium and Museum. About 50 different plants species including species of *Myristica*, *Macaranga*, *Jacaranda*, *Terminalia*, *Ageratum*, *Acalypha*, *Oxalis*, *Cyclea*, *Solanum*, *Phyllanthus* etc. and some ferns and bryophytes in their vegetative stage as well as some lichens were documented during the survey.

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**GOVERNMENT OF INDIA**

**MINISTRY OF AYUSH**

**LOK SABHA**

**UNSTARRED QUESTION NO. 2781**

**TO BE ANSWERED ON 17<sup>th</sup> MARCH, 2023**

**' LABORATORY CAPACITY FOR QUALITY CONTROL OF TRADITIONAL/HERBAL PRODUCTS' -**

†2781

SHRI ARUN SAO:

SHRI SUDHAKAR TUKARAM SHRANGARE:

SHRI SHIVAKUMAR C. UDASI:

Will the Minister of AYUSH be pleased to state:

- (a) whether the Government has formulated any plan to upgrade laboratory capacity for quality control of traditional/herbal products;
- (b) if so, the details thereof ; and
- (c) the steps taken by the Government to impart training in skills for laboratory techniques and methods to maintain the quality of traditional/ herbal products?



**ANSWER**  
**THE MINISTER OF AYUSH**  
**(SHRI SARBANANDA SONOWAL)**

(a) & (b) Yes, Sir.

Ministry of Ayush has implemented a Central Sector Scheme for Ayush Oushadhi Gunavatta evam Utpadan Samvardhan Yojana (AOGUSY), duly approved by Standing

Finance Committee (SFC) on 16.03.2021. The total financial allocation to this scheme is Rs. 122.00 crores for five years.

First component of the AOGUSY Scheme – “Strengthening and up-gradation of Ayush Pharmacies and Drug Testing Laboratories to achieve higher standards” has been formulated to upgrade laboratory capacity for quality control of traditional/herbal products.

Pharmacopoeia Commission for Indian Medicine & Homoeopathy (PCIM&H), Ministry of Ayush in collaboration with WHO South East Asia Region (WHO-SEARO) has formulated plan to upgrade laboratory capacity for quality control of Tradition/Herbal products.

The drug standardization laboratories of the Central Council for Research in Homoeopathy (CCRH) are upgraded for the quality control of homoeopathic medicines as per the requirement under its drug standardization research program. The council has upgraded the drug standardization laboratory at Dr. D.P. Rastogi Central Research Institute for Homoeopathy, (DDPRCRIH), Noida since the year 2017-18. The institute has well equipped pharmacognosy, chemistry, pharmacology, micro-biology and molecular biology laboratories for undertaking work related to drug standardization.

The Central Council for Research in Unani Medicines (CCRUM) is continuously strengthening and upgrading research laboratories for quality control on Unani drugs. The Councils research centres have been well equipped with state-of-Art facilities, like GC-MS-MS, High Performance Thin Layer Chromatography ( HPTLC) , High Performance Liquid

Chromatography (HPLC) , Atomic Absorption Spectroscopy (AAS) , ICP-OES, Research Microscopes etc.

(c) (i) Drug Policy Section, Ministry of Ayush has conducted three physical training programmes of two days each for Ayurveda, Siddha, Unani and Homoeopathy Drug regulators, Ayush Industry personnel, Government/Private approved Ayush Laboratories Staff, Academicians and stakeholders under AOGUSY Scheme.

(ii) Central Council for Research in Unani Medicines ( CCRUM) had conducted three NABL Training Awareness Programmes at New Delhi, Kolkata and Chennai wherein about 120 Ayush medical Scientists including Technicians participated.

( iii) Central Council for Research in Ayurvedic Medicines ( CCRAS) had conducted training for upgradation of skills and also for imparting Quality Control to others through CMEs ( in Central Ayurveda Research Institute, Jhansi, CARI, Kolkata, Captain Srinivasa Murthy Central Ayurveda Research Institute, Chennai, etc.)

( iv) Central Council for Research in Siddha (CCRS) has organized hands on training, workshops, seminar, Continuing Medical Education ( CME) programmes to impart training in skills for laboratory techniques and methods to maintain quality of traditional / herbal products. This in turn have provided in developing current trend based professional skills to facilitate the quality of traditional / herbal products.

**GOVERNMENT OF INDIA  
MINISTRY OF AYUSH**

**LOK SABHA  
UNSTARRED QUESTION NO.2789  
ANSWERED ON 17<sup>th</sup>MARCH, 2023**

**Upgradation of Facilities in AYUSH HWCs**

2789. SHRI RAJESHBHAI CHUDASAMA:

Will the Minister of AYUSH be pleased to state:

- (d) whether the Government has upgraded the existing health facilities in AYUSH Health and Wellness Centres (HWCs) of the country;
- (e) if so, the details thereof;
- (f) the budget allocated by the Government in this regard during the last five years, State/UT-wise; and
- (g) if not, whether the Government proposes to formulate any scheme for upgradation of health facilities in AYUSH HWCs?

**ANSWER  
THE MINISTER OF AYUSH  
(SHRI SARBANANDA SONOWAL)**

(a) to (b) The Ministry of Ayush is implementing the Centrally Sponsored Scheme of National AYUSH Mission (NAM) in the country through State/UT Governments for the development and promotion of AYUSH system including operationalization of AYUSH Health and Wellness Centres (AHWCs). Under NAM, there is a provision for setting up of AHWCs by upgrading existing AYUSH dispensaries / sub health centres. As per the proposals received from State/UT Governments through their State Annual Action Plans (SAAPs), a total of 12,500 units of existing AYUSH dispensaries and sub health centres have been approved to be upgraded as AHWCs in the State/UT Governments. However, grant-in-aid has been released for 9,586 units. As per the progress reports received from States/UTs, 5690 AYUSH HWCs have been made functional till date. The State/UT wise status of approved and functional AHWCs is furnished in **Annexure I**.

(c) to (d) The component of AYUSH HWCs under NAM was approved in the year 2019-20. The State/UT wise budget allocated by Government for the upgradation of AYUSH HWCs during the year 2019-20, 2020-21, 2021-22 and 2022-23 is furnished at **Annexure II**.

**Annexure I****State/UT wise status of approved and functional AYUSH HWCs**

<b>Sl. No.</b>	<b>Name of the States/UTs</b>	<b>Total No. of approved AYUSH HWCs</b>	<b>Total No. of approved AYUSH HWCs (GIA released)</b>	<b>Functional AYUSH HWCs</b>
1	Andaman & Nicobar Island	6	6	6
2	Andhra Pradesh	203	110	126
3	Arunachal Pradesh	89	89	36
4	Assam	489	89	106
5	Bihar	388	268	83
6	Chandigarh	12	12	5
7	Chhattisgarh	400	240	284
8	Delhi	0	0	0
9	Dadra Nagar Haveli and Daman Diu	1	0	0
10	Goa	74	40	34
11	Gujarat	365	365	231
12	Haryana	569	569	369
13	Himachal Pradesh	740	740	240
14	Jammu & Kashmir	442	442	317
15	Jharkhand	745	745	249
16	Karnataka	376	376	176
17	Kerala	520	520	208
18	Ladakh	14	14	0
19	Lakshadweep	7	7	7
20	Madhya Pradesh	762	562	413
21	Maharashtra	390	294	281
22	Manipur	67	17	14
23	Meghalaya	45	45	0
24	Mizoram	38	38	24
25	Nagaland	49	49	24
26	Odisha	422	250	245
27	Puducherry	4	4	4
28	Punjab	217	217	0

29	Rajasthan	2019	1000	484
30	Sikkim	18	18	18
31	Tamil Nadu	650	350	250
32	Telangana	421	421	421
33	Tripura	84	84	0
34	Uttar Pradesh	1034	1034	570
35	Uttarakhand	300	300	194
36	West Bengal	540	271	271
<b>Total</b>		<b>12500</b>	<b>9586</b>	<b>5690</b>

**Annexure II**

**State/UT wise status of Budget allocated for AYUSH HWCs (Central Share)**

S. No.	Name of the States/UTs	2019-20	2020-21	2021-22	2022-23	Total (Rs. in Lakh)
		Amount released as central share	Amount released as central share	Amount released as central share	Amount released as central share	
1	Andaman & Nicobar Island	0.00	63.80	6.53	18.18	88.51
2	Andhra Pradesh	387.95	385.40	0.00	0.00	773.36
3	Arunachal Pradesh	18.28	478.85	180.85	143.37	821.35
4	Assam	0.00	347.15	231.66	0.00	578.81
5	Bihar	0.00	516.54	1,522.28	0.00	2,038.82
6	Chandigarh	28.32	0.00	8.35	36.92	73.59
7	Chhattisgarh	0.00	1,172.40	234.48	0.00	1,406.88
8	Delhi	0.00	0.00	0.00	0.00	0.00
9	Dadra Nagar Haveli and Daman Diu	0.00	0.00	0.00	0.00	0.00
10	Goa	0.00	65.99	218.99	0.00	284.98
11	Gujarat	1,679.23	244.01	205.508	272.59	2,401.34
12	Haryana	809.16	2,470.66	143.94	161.28	3,585.05
13	Himachal Pradesh	1,052.00	494.94	1,081.80	1,352.25	3,980.99
14	Jammu & Kashmir	1,181.33	889.69	462.40	1,785.28	4,318.70
15	Jharkhand	825.90	0.00	1,309.77	1127.12	3,262.79
16	Karnataka	756.62	0.00	575.82	192.88	1,525.32
17	Kerala	283.80	215.10	153.00	564.71	1,216.60

18	Ladakh	0.00	0.00	55.10	0.00	55.10
19	Lakshadweep	0.00	19.61	3.46	6.38	29.45
20	Madhya Pradesh	199.77	2,813.80	2,085.20	0.00	5,098.77
21	Maharashtra	2,553.02	0.00	0.00	0.00	2,553.02
22	Manipur	13.91	27.01	170.04	0.00	210.96
23	Meghalaya	0.00	247.97	141.69	0.00	389.66
24	Mizoram	0.00	332.29	193.84	0.00	526.13
25	Nagaland	28.52	662.15	90.38	3.16	784.21
26	Odisha	0.00	716.64	1,075.38	0.00	1,792.02
27	Puducherry	43.64	0.00	1.44	2.74	47.82
28	Punjab	835.97	89.77	527.28	0.00	1,453.02
29	Rajasthan	0.00	2,276.40	3,039.00	0.00	5,315.40
30	Sikkim	0.00	253.42	0.00	0.00	253.42
31	Tamilnadu	351.53	616.58	914.64	194.79	2,077.54
32	Telangana	0.00	0.00	3,036.25	0.00	3,036.25
33	Tripura	0.00	270.08	31.50	87.75	389.33
34	Uttar Pradesh	2,814.27	1,472.33	4,611.86	619.84	9,518.29
35	Uttarakhand	0.00	656.46	2,556.72	308.48	3,521.65
36	West Bengal	201.369	247.35	1,097.82	0.00	1,546.54
	<b>Total</b>	<b>14,064.59</b>	<b>18,046.38</b>	<b>25,966.98</b>	<b>6,877.72</b>	<b>64,955.66</b>

**GOVERNMENT OF INDIA  
MINISTRY OF AYUSH**

**LOK SABHA  
UNSTARRED QUESTION NO-2796  
FOR 17.03.2023**

**YOGA TRAINING CENTRES IN BIHAR**

2796. **SHRI MAHABALI SINGH:**

Will the Minister of **Ayush** be pleased to state:

- (a) the number of new Yoga training centres set up in Bihar during the last five years along with the district-wise locations where the said centres have been set up;
- (b) whether any scheme has been formulated by the Government to increase the number of Yoga training centres and to popularize Yoga among the masses; and
- (c) if so, the details thereof?

## ANSWER

THE MINISTER OF AYUSH

(SHRI SARBANANDA SONOWAL)

(a): Since Public Health is a State subject, setting up of new Yoga Centres/ Institutes come under the purview of respective State/ UT Governments. Ministry of Ayush is not maintaining specific data related to functioning of Yoga Centers in Bihar.

(b) to (c): There are no such scheme formulated by the Ministry.

However, Ministry of Ayush promotes Yoga in the country through its three autonomous bodies namely Morarji Desai National Institute of Yoga (MDNIY), New Delhi, Central Council for Research in Yoga & Naturopathy (CCRYN), New Delhi and National Institute of Naturopathy (NIN), Pune. MDNIY provides various courses for Yoga Education. CCRYN is the apex body for research and development in the Yoga and Naturopathy systems. NIN, a premier institute for Naturopathy organizes various activities related to Naturopathy and Yoga.

The activities and programs of MDNIY, CCRYN and NIN are available on the websites i.e. [yogamdniy.nic.in](http://yogamdniy.nic.in), [www.ccrbyn.gov.in](http://www.ccrbyn.gov.in) and [ninpune.ayush.gov.in](http://ninpune.ayush.gov.in) respectively. Also, Ministry of Ayush has established a Yoga Certification Board (YCB) for the certification of Yoga professionals and the accreditation of Institutions under various categories.

At the initiative of the Hon'ble Prime Minister Shri Narendra Modi, the United Nations General Assembly took a historic decision in 2014 to declare 21st June as the International Day of Yoga. The Ministry of Ayush is the nodal Ministry for observation of the International Day of Yoga (IDY) every year. IDY observation is focused on a Mass Yoga demonstration based on Common Yoga Protocol (CYP) which is publicly available on the Yoga Portal ([yoga.ayush.gov.in](http://yoga.ayush.gov.in)).

Also, Ministry is implementing the Centrally Sponsored Scheme of National Ayush Mission (NAM) through State/UT Governments for development & promotion of different Ayush systems in the country including Yoga and providing financial assistance to them as per the proposals received in their State Annual Action Plans (SAAPs). State/UT Governments may avail financial assistance by submitting proposals through State Annual Action Plans (SAAPs) as per the NAM guidelines.

Under National Ayush Mission (NAM), Ministry of Ayush is implementing the operationalization of 12,500 Ayush Health and Wellness Centers (HWCs) through State/UT Governments. At these

Ayush HWCs, Yoga will be taught to the public for general health promotion as community-based intervention by qualified Yoga Instructors.

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GOVERNMENT OF INDIA  
MINISTRY OF AYUSH  
**LOK SABHA**  
**UNSTARRED QUESTION NO.-2797**  
ANSWERED ON 17/03/2023

**AYUSH MEDICAL COLLEGES/INSTITUTES**

**2797. SHRI POCHA BRAHMANANDA REDDY:**  
**SHRI PARTHIBAN S.R.:**  
**SHRI VINAYAK RAUT:**  
**SHRI OMPRAKASH BHUPALSINH**  
**ALIAS PAWAN RAJENIMBALKAR:**

Will the Minister of AYUSH be pleased to state:

- (a) the steps taken by the Government for the expansion of AYUSH research in the country;
- (b) the details of AYUSH Colleges, Institutes and Hospitals functioning and set up in the country including Maharashtra during the last three years along with the funds provided for the purpose, State-wise;
- (c) whether the Government proposes to set up new AYUSH Medical Colleges/Institutes and also revive the closed AYUSH Medical Colleges in the country and if so, the details thereof along with the number of AYUSH Medical Colleges/Hospitals proposed to be opened, State-wise including in Maharashtra and the funds allocated for the purpose;
- (d) whether the Government has received any proposal from different States including Maharashtra and Tamil Nadu regarding setting up of AYUSH Medical Colleges/Hospitals;
- (e) if so, the details thereof, State-wise along with the steps taken by the Government thereon and the time by which these are likely to be made functional; and



(f) the number of death of workers/helpers during COVID-19 along with the details of the compensation provided to the family members of the deceased?

**ANSWER**

**MINISTRY OF AYUSH  
(SHRI SARBANANDA SONOWAL)**

(a): The steps taken by the Government for the expansion of AYUSH research in the country are placed at **Annexure-I**.

(b): The details of AYUSH Colleges functioning and set up in the country including Maharashtra during the last three years are placed at **Annexure-II** and the funds provided for the purpose, State-wise are placed at **Annexure-III**.

(c) and (d): As Public Health being a State subject, the establishment of new educational institutions for the education system of AYUSH comes under the purview of respective State/UT Governments. The State/UT Governments have not submitted any proposal to set up new AYUSH Medical Colleges/Institutes or to revive any closed AYUSH Medical Colleges in the country including Maharashtra. However, NCISM and NCH have received proposals from Private Institutes/NGOs/Societies/Trusts of different states including Maharashtra and Tamil Nadu regarding setting up of AYUSH Medical Colleges/Hospitals are placed at **Annexure-IV**.

(e): The proposals received used to be examined by MARBISM and MARBH as per the criteria laid down under NCISM Act, 2020 available at following link: <https://ncismindia.org/> and NCH Act, 2020 available at following link <https://nch.org.in/>.

(f): No such information is available with this Ministry.

Ministry of Ayush undertakes research in the field of AYUSH through scientific Research Councils namely CCRAS, CCRH, CCRUM and CCRS. Ministry of Ayush has one Institute of National Importance (INI) and WHO Collaborating Centre for Traditional Medicines namely ITRA which is a premier Research Centre for Ayurveda. Also, a few National institutes namely NIA, NIH, AIIA, NIUM, NIS involved in research activities across all over the country. Further, the National Commissions NCISM and NCH also undertakes research activities through implementation of research education through AYUSH colleges across all over India.

1. The Central Council for Research in Ayurvedic Sciences (CCRAS) is apex organization for the formulation, co-ordination, development and promotion of research on scientific lines in Ayurveda, has been committed to promote research in the domains of Fundamental Research, Literature research, Drug Research, Clinical research and public health through its network of 30 research institutes across the country through intramural and collaborative research activities. The Council is engaged in disseminating the benefits of Ayurveda emerged out of the R&D outcomes across the scientific community and general public through research publications in Journals, Technical reports, books, monographs & IEC material. Scientific information is being disseminated across the globe through web based AYUSH Research Portal.

2. Central Council for Research in Homoeopathy undertakes research activities such as Clinical Research, Drug Proving, Drug Verification, Drug Standardization, Basic Fundamental Research and Epidemic & Public Health Research either in intramural mode or in collaboration with different institutes of repute. It has network of 27 institutes/units and 07 treatment centres located in different states for undertaking scientific research in Homoeopathy. CCRH has established virology lab and state of art animal house at Kolkata. HIV research laboratory is also established at Hyderabad, Telangana.

3. The Council's Central Research Institute of Unani Medicine (CRIUM) has been upgraded to National Research Institute of Unani Medicine for Skin Disorders (NRIUMSD) at Hyderabad and Regional Research Centre (RRC) has been upgraded to Regional Research Institute of Unani Medicine (RRIUM) in Silchar. One clinical research unit has been established at Imphal, Manipur.

4. Central Council for Research in Siddha (CCRS) is conducting research in Siddha system of medicine. Validation studies of Siddha Pharmacopoeial formulations, new formulations are tested for drug development and generation of IPR. Central Council for Research in Siddha has granted 70 IMR projects and 10 Patents have been filed by CCRS which have been published in the patent journal. CCRS is equipped with state of the art infrastructure with sophisticated instruments and facilities in the Department of Clinical Research, Department of Bio-chemistry, Department of Pathology, Radiology, Department of Chemistry, Department of Pharmacognosy etc., to carry out IMR projects and other associated research works. CCRS has MoU with Accelerating Growth of New India Innovation (AGNIi) for the commercialization of R&D technologies and products developed by CCRS. CCRS have set-up the incubatory cell namely Academia-industry Research Incubation for Value-chain Up-gradation (ARIVU) to promote innovation and entrepreneurship by translating novel ideas and innovation in various disciplines of Siddha Research, into products, processes and services for commercial exploitation and the benefit of society.

5. ITRA, Jamnagar is the one of the premier Teaching and Research Centre for Ayurveda in India. It is the first Institute under Ministry of Ayush designated as Institute of National Importance (INI). This Institute is also designated as WHO Collaborating Centre for Traditional Medicines (Ayurveda). Institute has Departmental Research Committees (DRC), Institutional ethics committee (IEC) and Institutional Animal ethics Committee (IAEC) which regulates, observe the research works regularly. Around 20 PhDs (Ayu) are enrolled in different specialties at Institute in every academic year. Institute has published around 210 research publications in 2020-21 and 200 research publications in 2019-20 at different peer reviewed journals. Different IMR, EMR and sponsored research projects are carried out by the faculty members of the institute. Institute has well-established Research Laboratories, Animal House facility under which different pre-clinical researches are carried out under the guidance of Pharmacology experts. Institute regularly publishes peer-reviewed quarterly "AYU" Journal (PubMed indexed) since 1964.

6. NIA is an institute with GMP Certified Pharmacy producing various types of Ayurvedic medicines for Hospitals and Research purposes. The Pharmacy imparts practical teaching, training and demonstration to UG students and PG scholars so that they get the best knowledge of different stages and methods of preparation of different Ayurvedic medicines.

7. NIH, Kolkata has signed two (02) MoUs with AIIMS, Raipur and NIPER, Kolkata. NIH, Delhi a satellite institute of NIH, Kolkata inaugurated by Prime Minister of India in December 2022.

8. National Institute of Siddha is involved in research in Siddha formulation through the dissertation studies conducted by the PG scholars and research works conducted by the Ph.D., scholars and faculty members.

9. All India Institute of Ayurveda (AIIA) is a post graduate teaching, training and research institute with tertiary level integrative healthcare hospital facility. As part of post-graduation and doctoral studies, the scholars are to undertake research projects and these research projects are partly supported with research grants from the institute, in addition to the stipend to the scholars. Under IMR scheme, each department is supported with research grants, institution also supports its staff to initiate research projects under EMR, IMR etc. and other schemes of different ministries of Govt. of India. AIIA supports research under the policies and guidance of Ministry of Ayush.

10. NCISM and NCH encourages Medical Professionals to adopt latest Medical research in their work and contribute to research field. Research methodology subject is introduced at the undergraduate level to promote young researchers. Both organisations conduct orientation programmes and training for sensitising and orient PG scholars and PG guides for all AYUSH colleges.

**State-wise/UT, Stream wise number of AYUSH Medical Colleges across the country for  
academic year 2020-21**

S. No.	State	Count of Ayurveda Institute	Count of Unani Institute	Count of Siddha Institute	Count of Homeopathy Institute	Count of Sowa Rigpa Institute
56.	Andhra Pradesh	3	1	-	7	-
57.	Arunachal Pradesh	-	-	-	1	-
58.	Assam	1	-	-	3	-
59.	Bihar	8	5	-	16	-
60.	Chhattisgarh	6	1	-	3	-
61.	Goa	1	-	-	1	-
62.	Gujarat	34	-	-	35	-
63.	Haryana	11	-	-	1	-
64.	Himachal Pradesh	3	-	-	1	1
65.	Delhi	3	2	-	2	-
66.	Jammu and Kashmir	2	4	-	-	-
67.	Jharkhand	1	-	-	5	-
68.	Karnataka	78	6	-	18	-
69.	Kerala	18	1	1	6	-
70.	Madhya Pradesh	24	4	-	25	-
71.	Maharashtra	83	7	-	58	-
72.	Odisha	6	-	-	6	-
73.	Punjab	17	1	-	4	-
74.	Rajasthan	13	3	-	10	-
75.	Tamil Nadu	7	1	12	13	-
76.	Telangana	5	2	-	5	-
77.	Uttar Pradesh	69	16	-	12	1
78.	Uttarakhand	16	1	-	2	-
79.	West Bengal	4	1	-	12	1
80.	Chandigarh	1	-	-	1	-
81.	Meghalaya	1	-	-	1	-
82.	Pondicherry	1	-	-	-	-
83.	Sikkim	-	-	-	-	1
84.	Ladakh	-	-	-	-	2
<b>Grand Total</b>		<b>416</b>	<b>56</b>	<b>13</b>	<b>248</b>	<b>6</b>

**State-wise/UT, Stream wise number of AYUSH Medical Colleges across the country for academic year 2021-22**

<b>S. No.</b>	<b>State</b>	<b>Count of Ayurveda Institute</b>	<b>Count of Unani Institute</b>	<b>Count of Siddha Institute</b>	<b>Count of Homeopathy Institute</b>	<b>Count of Sowa Rigpa Institute</b>
1.	Andhra Pradesh	3	1	-	7	-
2.	Arunachal Pradesh	-	-	-	1	-
3.	Assam	1	-	-	3	-
4.	Bihar	8	5	-	15	-
5.	Chhattisgarh	6	1	-	3	-
6.	Goa	1	-	-	1	-
7.	Gujarat	36	-	-	38	-
8.	Haryana	11	-	-	1	-
9.	Himachal Pradesh	3	-	-	1	1
10.	Delhi	3	2	-	2	-
11.	Jammu and Kashmir	2	4	-	-	-
12.	Jharkhand	1	-	-	5	-
13.	Karnataka	87	6	-	19	-
14.	Kerala	18	1	1	6	-
15.	Madhya Pradesh	34	4	-	25	-
16.	Maharashtra	89	7	-	61	-
17.	Odisha	7	-	-	6	-
18.	Punjab	17	1	-	4	-
19.	Rajasthan	13	3	-	12	-
20.	Tamil Nadu	8	1	12	14	-
21.	Telangana	5	2	-	5	-
22.	Uttar Pradesh	84	16	-	13	1
23.	Uttarakhand	19	1	-	2	-
24.	West Bengal	4	1	-	12	1
25.	Chandigarh	1	-	-	1	-
26.	Meghalaya	1	-	-	1	-
27.	Pondicherry	1	-	-	-	-
28.	Sikkim	-	-	-	-	1
29.	Ladakh	-	-	-	-	2
<b>Grand Total</b>		<b>463</b>	<b>56</b>	<b>13</b>	<b>258</b>	<b>6</b>

**State-wise/UT, Stream wise number of AYUSH Medical Colleges across the country for academic year 2022-23**

<b>S. No.</b>	<b>State</b>	<b>Count of Ayurveda Institute</b>	<b>Count of Unani Institute</b>	<b>Count of Siddha Institute</b>	<b>Count of Homeopathy Institute</b>	<b>Count of Sowa Rigpa Institute</b>
1.	Andhra Pradesh	3	1	-	7	-
2.	Arunachal Pradesh	-	-	-	1	-
3.	Assam	1	-	-	3	-
4.	Bihar	9	5	-	15	-
5.	Chhattisgarh	6	1	-	3	-
6.	Goa	2	-	-	1	-
7.	Gujarat	39	-	-	43	-
8.	Haryana	13	-	-	1	-
9.	Himachal Pradesh	4	-	-	1	1
10.	Delhi	3	2	-	2	-
11.	Jammu and Kashmir	2	4	-	-	-
12.	Jharkhand	1	-	-	6	-
13.	Karnataka	92	6	-	19	1
14.	Kerala	18	1	1	6	-
15.	Madhya Pradesh	33	4	-	25	-
16.	Maharashtra	100	7	-	65	-
17.	Odisha	6	-	-	7	-
18.	Punjab	17	1	-	4	-
19.	Rajasthan	18	3	-	12	-
20.	Tamil Nadu	8	1	14	14	-
21.	Telangana	2	2	-	5	-
22.	Uttar Pradesh	92	16	-	12	1
23.	Uttarakhand	19	1	-	2	-
24.	West Bengal	4	1	-	12	1
25.	Chandigarh	1	-	-	1	-
26.	Meghalaya	1	-	-	1	-
27.	Pondicherry	1	-	-	-	-
28.	Sikkim	-	-	-	-	1
29.	Ladakh	-	-	-	-	2
<b>Grand Total</b>		<b>495</b>	<b>56</b>	<b>15</b>	<b>268</b>	<b>7</b>

**Annexure-III**

The State/UT wise status of supported units and funds provided during the last three years for upgradation of Ayush Educational Institutions, upgradation of Ayush Hospitals and setting up of 10/30/50 Bedded Integrated Ayush Hospitals are as follows:-

(a) Status of approved amount for infrastructural development of AYUSH Under-Graduate Institutions (UG)/Post-Graduate (PG) Institutions, year-wise & state-wise under NAM

(Rs. in lakhs)

Sl. No.	Name of States/ UTs	Year					
		2019-20		2020-21		2021-22	
		No. of Units approved	Approved Amount	No. of Units approved	Approved Amount	No. of Units approved	Approved Amount
1	Andhra Pradesh	4	51.45	0	0.00	0	0.00
2	Assam	0	0.00	0	0.00	2	56.50
3	Bihar	3	419.80	0	0.00	0	0.00
4	Chhattisgarh	0	0.00	1	21.50	1	1.44
5	Gujarat	1	100.00	0	0.00	4	80.00
6	Jammu & Kashmir	2	18.50	2	11.50	2	31.70
7	Jharkhand	1	90.00	0	0.00	0	0.00
8	Karnataka	1	70.13	1	21.70	1	84.15
9	Kerala	0	0.00	1	27.39	1	0.00
10	Maharashtra	1	71.70	0	0.00	0	0.00
11	Odisha	2	76.51	0	0.00	0	0.00

12	Rajasthan	1	46.00	0	0.00	0	0.00
13	Tamil Nadu	4	35.00	0	0.00	0	0.00
14	Telangana	4	180.00	0	0.00	0	0.00
15	Tripura	0	0.00	0	0.00	1	8.00
16	Uttar Pradesh	4	450.00	5	248.86	6	763.93
17	West Bengal	3	342.20	0	0.00	0	0.00
	<b>Total</b>	<b>31</b>	<b>1951.29</b>	<b>10</b>	<b>330.953</b>	<b>18</b>	<b>10</b>

**(b) Status of approved amount for upgradation of Ayush Hospitals, year-wise & state-wise under NAM**

S. No.	State/UT	2019-20			2020-21			2022-23		
		No. of Units approved	Approved Amount (Rs. in Lakhs)	No. of Units approved	Approved Amount (Rs. in Lakhs)	No. of Units approved	Approved Amount (Rs. in Lakhs)	No. of Units approved	Approved Amount (Rs. in Lakhs)	
1	Andaman & Nicobar Islands	1	48.75	1	50.93	1	53.21			
2	Andhra Pradesh	0	-	0	-	0	-			
3	Arunachal Pradesh	0	-	1	7.44	0	-			
4	Assam	0	-	0	-	0	-			
5	Bihar	0	-	0	-	0	-			
6	Chandigarh	0	-	0	-	0	-			
7	Chhattisgarh	0	-	20	19.50	4	400.00			
8	Dadra & Nagar Haveli	0	-	0	-	0	-			
9	Daman & Diu	0	-	0	-	0	-			



10	Delhi	0	-	0	-	0	-	0	-
11	Goa	0	-	0	-	0	-	0	-
12	Gujarat	38	125.20	0	-	38	-	38	369.60
13	Haryana	2	32.04	2	7.00	0	-	0	-
14	Himachal Pradesh	40	125.00	0	-	0	-	0	-
15	Jammu & Kashmir	27	2.70	4	51.40	6	-	6	100.84
16	Jharkhand	0	-	0	-	0	-	0	-
17	Karnataka	87	916.92	81	649.17	80	-	80	1,430.46
18	Kerala	153	639.46	152	1,369.61	163	-	163	1,694.36
19	Lakshdweep	0	-	0	-	0	-	0	-
20	Madhya Pradesh	0	-	0	-	23	-	23	110.40
21	Maharashtra	0	-	0	-	0	-	0	-
22	Manipur	1	22.20	3	82.20	0	-	0	-
23	Mizoram	0	-	7	108.22	0	-	0	-
24	Meghalaya	0	-	0	-	2	-	2	41.98
25	Nagaland	0	-	0	-	0	-	0	-
26	Odisha	9	63.28	0	-	0	-	0	-
27	Puducherry	1	2.00	0	-	0	-	0	-
28	Punjab	0	-	0	-	0	-	0	-
29	Rajasthan	139	34.75	0	-	0	-	0	-
30	Sikkim	0	-	0	-	1	-	1	39.11
31	Tamil Nadu	0	-	0	-	2	-	2	20.10

## Annexure-IV

**Proposals received from Private Institutes/NGOs/Societies/Trusts of different states regarding  
setting up of AYUSH Medical Colleges/Hospitals**

S.No	State	Count of Ayurveda Colleges	Count of Unani Colleges	Count of Siddha Colleges	Count of Homeopathy Institute	Count of Sowa Rigpa Colleges
1	Andhra Pradesh	0	0	0	-	0
2	Arunachal Pradesh	0	0	0	-	0
3	Assam	0	0	0	-	0
4	Andaman and Nicobar Islands	0	0	0	-	0
5	Bihar	6	0	0	-	0
6	Chandigarh	0	0	0	-	0
7	Chhattisgarh	1	0	0	-	0
8	New Delhi	0	1	0	-	0
9	Dadra Nagar Haveli and Daman Diu	0	0	0	-	0
10	Goa	0	0	0	-	0
11	Gujarat	9	0	0	7	0
12	Haryana	0	0	0	-	0
13	Himachal Pradesh	0	0	0	-	0
14	Jammu and Kashmir	0	0	0	-	0
15	Jharkhand	0	0	0	-	0
16	Karnataka	15	1	0	-	0
17	Kerala	0	0	0	-	0
18	Ladakh	0	0	0	-	0
19	Lakshadweep	0	0	0	-	0
20	Madhya Pradesh	7	2	0	-	0
21	Maharashtra	29	0	0	6	0
22	Manipur	0	0	0	-	0
23	Meghalaya	1	0	0	-	0
24	Mizoram	0	0	0	-	0
25	Nagaland	0	0	0	-	0
26	Orissa	0	0	0	-	0
27	Pondicherry	0	0	0	-	0
28	Punjab	5	0	0	-	0

29	Rajasthan	0	0	0	2	0
30	Sikkim	0	0	0	-	0
31	Tamil Nadu	1	0	1	1	0
32	Telangana	0	1	0	-	0
33	Tripura	0	0	0	-	0
34	Uttar Pradesh	28	1	0	5	0
35	Uttarakhand	1	0	0	-	0
36	West Bengal	0	0	0	-	0
	<b>Total</b>	<b>103</b>	<b>6</b>	<b>1</b>	<b>21</b>	<b>0</b>

**GOVERNMENT OF INDIA**

**MINISTRY OF AYUSH**

**LOK SABHA**

**UNSTARRED QUESTION NO 2801**

**TO BE ANSWERED ON 17<sup>th</sup> MARCH, 2023**

**“PROMOTION OF CONCEPT OF HOLISTIC HEALTH”**

**2801. SHRI GNANATHIRAVIAM S.:**

Will the Minister of AYUSH be pleased to state:

- (a) whether the Government has constituted a Committee to explore the possibility of promoting the concept of Holistic Health in the country in order to optimise the utilisation of available manpower in the health sector;
- (b) if so, the details thereof; and
- (c) whether the Committee has presented its report and if so, the details thereof and the action taken/being taken thereon?

**ANSWER**  
**THE MINISTER OF AYUSH**  
**(SHRI SARBANANDA SONOWAL)**

- (a) No such committee has been constituted by Ministry of Ayush.
- (b) Does not arise.
- (c) Does not arise.

**GOVERNMENT OF INDIA**  
**MINISTRY OF AYUSH**  
**LOK SABHA**  
**UNSTARRED QUESTION NO. 2802**  
**ANSWERED ON 17.03.2023**

**Research in Ayurveda and other AYUSH System of Medicine**

†2802. DR. RAMESH POKHRIYAL “NISHANK”:

Will the Minister of AYUSH be pleased to state:

- (a) the funds allocated and released for research in Ayurveda and other AYUSH system of medicines during the last five years including the amount released for Himalayan States, State-wise;
- (b) whether the Government has made any special efforts to integrate both the Allopathic and AYUSH medicine systems; and
- (c) if so, the details thereof?

**ANSWER**  
**THE MINISTER OF AYUSH**  
**(SHRI SARBANANDA SONOWAL)**

(e) The Ministry of Ayush has established five autonomous Research Councils for dedicated research in AYUSH Systems i.e. Ayurveda, Homoeopathy, Unani, Siddha and Yoga & Naturopathy. The research activities by the Councils are undertaken through peripheral institutes/ centres/ units all over India and also through collaborative studies with various universities, hospitals and institutes. The following Research Councils are established under the Ministry of Ayush.

- xi. Central Council for Research in Ayurvedic Sciences (CCRAS)
- xii. Central Council for Research in Homoeopathy (CCRH)
- xiii. Central Council for Research in Unani Medicine (CCRUM)
- xiv. Central Council for Research in Siddha (CCRS)
- xv. Central Council for Research in Yoga & Naturopathy (CCRYN)

The details of the funds allocated and released for research in Ayurveda and other AYUSH system of medicines during the last five years is attached as Annexure-I. However, no separate funds for individual states are allocated by Ministry of Ayush for research in Ayurveda and other AYUSH system of medicines.

(f) & (c) The Government of India is working towards integration of Allopathic and Ayush systems of medicine. Ministry of Health and Family welfare is working on integration of Ayush in new and upcoming AIIMS, Ministry of Ayush is also working on offering patient centric integrative health care, mainly concentrating on Ayurveda through its All India Institute of Ayurveda (AIIA). Setting up of 22 new AIIMS across the country has been sanctioned under Pradhan Mantri Swasthya Suraksha Yojana (PMSSY). Provision has been made for a 30 bedded AYUSH block in each of the new AIIMS being set up in the country under PMSSY and its infrastructure development is integral part of construction of new AIIMS except for AYUSH facility at AIIMS Rae Bareli for which the Standing Finance Committee in its meeting held on 11.01.2023 has directed to submit its plan for approval of competent authority. Funds are sanctioned and released by Ministry of Health and Family Welfare for setting up of AIIMS including an AYUSH block.

Similarly, All India Institute of Ayurveda, an autonomous organisation under the Ministry of Ayush, Govt. of India has adopted integrative approach in the management of diseases which is strictly limited on case to case basis. It also has a **Division of Integrative Medicine** which has the following components:

- Division of integrative orthopaedics
- Division of integrative dentistry
- Division of integrative dietetics
- Division of Emergency Medicine.

In addition to these, all the clinical departments have colocation of Allopathic doctors (on adhoc basis/contractual/on call/empanelled) who offer patient centric services whenever required. Within AIIA Hospital, integrative services are offered at the **ICU, NICU**, and other clinical services. In the diagnostic part, **all diagnostic facilities as per modern science are made available at AIIA** which includes Pathology, Bio-Chemistry, Microbiology, Radiology & Imaging etc. AIIA has also established and providing services & support at **Integrative Medicine department at Safdarjung Hospital**, New Delhi.

Recently NITI Aayog, the Ministry of Ayush, and ICMR jointly took initiatives for the collaboration for integrative research to work on health problems of National importance, development of Joint DHR-Ayush Guideline for integrative research, and for research capacity building for Ayush and ICMR. A joint working group of Ayush-ICMR has also been created, which is headed by DG-CCRAS representing the Ministry of Ayush and Dr. N.S. Chatterjee, Scientist 'G' & Head BMS Division representing the ICMR.

Further, The Central Council for Research in Ayurvedic Sciences (CCRAS) has also taken up projects and studies for integration of Ayurveda with Modern system of Medicine. The details are appended at **Annexure –II**.

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**Annexure-I**

**Details of the grants allocated to five Research Councils of Ministry of Ayush during the last five years (Amount in Crores)**

Sl. No	Schemes/ Programmes	2017-18			2018-19			2019-20		
		BE	RE	AE	BE	RE	AE	BE	RE	AE
1	Grant to Central Council for Research in Ayurvedic Sciences	175.00	216.07	216.02	252.91	286.41	267.03	292.31	288.50	280.68
2	Grant to Central Council for Research in Unani Medicine	123.00	133.93	133.93	130.00	147.00	145.50	152.65	159.54	159.54
3	Grant to Central Council for Research in Homoeopathy	95.50	112.25	112.25	109.50	113.50	109.14	118.53	128.83	128.83

4	Grant to Central Council for Research in Yoga & Naturopathy	32.00	32.00	32.00	29.00	30.56	30.56	41.35	62.45	61.71
5	Grant for Central Councils for Research in Siddha	25.00	26.94	26.94	28.50	31.50	30.04	36.50	33.00	33.00
<b>Total :</b>		<b>450.50</b>	<b>521.19</b>	<b>521.14</b>	<b>549.91</b>	<b>608.97</b>	<b>582.27</b>	<b>641.34</b>	<b>672.32</b>	<b>663.76</b>

Sl. No	Schemes/ Programmes	2020-21			2021-22		
		BE	RE	AE	BE	RE	AE
1	Grant to Central Council for Research in Ayurvedic Sciences	297.00	273.00	264.16	328.27	309.37	312.72
2	Grant to Central Council for Research in Unani Medicine	157.00	164.05	164.05	167.79	157.73	157.73
3	Grant to Central Council for Research in Homoeopathy	138.50	130.50	130.50	167.58	143.58	135.33
4	Grant to Central Council for Research in Yoga & Naturopathy	40.50	48.30	48.30	59.70	57.44	57.44
5	Grant for Central Councils for Research in Siddha	35.00	35.30	35.30	36.77	39.06	39.06
<b>Total :</b>		<b>668.00</b>	<b>651.15</b>	<b>642.31</b>	<b>760.11</b>	<b>707.18</b>	<b>702.28</b>

BE = Budget Estimate RE = Revised Estimate AE = Actual Expenditure

## Annexure –II.

### Details of CCRAS initiative towards Integrative health

**1. Operational study to explore the feasibility of integrating Ayurveda with modern system of medicine in a tertiary care hospital (Safdarjung Hospital New Delhi) for the management of Osteoarthritis (Knee)**

The CCRAS-WHO India country office conducted an operational study to explore the feasibility of integrating Ayurveda with modern system of medicine in a tertiary care hospital (Safdarjung



Hospital, New Delhi) for the management of Osteoarthritis (Knee) in 2007. The Ayurvedic treatment provided to 201 patients was found effective in the management of Osteoarthritis Knee with respect to reducing the symptoms, improving the quality of life and reducing the intake of rescue medication (analgesics). The project established a cross referral system and revealed a shift in service seeking behavior of the patients. A Technical report of the study was published by CCRAS in 2007.

## **2. Feasibility of introducing Indian System of Medicine (Ayurveda) in the National Reproductive and Child Health services at Primary Health Care (PHC) level” in Himachal Pradesh**

Several policy documents such as National Health Policies, National Rural Health Mission (NRHM), Government of India recommend for mainstreaming of traditional systems in health care delivery systems at all levels in the country. The National Population Policy Document 2000 recommended mainstreaming of Indian Systems of Medicine particularly in National Family welfare programme to improve the health indicators of women and children. Special emphasis has been laid down in Ayurveda for Women during pregnancy “Garbhini-paricharya” (Antenatal care) and various Ayurvedic interventions/regimens are mentioned in Ayurvedic literature.

Considering the importance of Maternal Health, the Central Council for Research in Ayurvedic Sciences (CCRAS), Ministry of AYUSH, Government of India developed Four (04) coded formulations i.e. AYUSH AG Tablet, AYUSH GG Tablet, AYUSH PG Tablet & AYUSH AD candy for Antenatal Care systematically through standardization studies for quality assurance and pre-clinically safety studies. The ingredients of formulations were selected rationally with potential leads from the classical Ayurvedic literatures backed by scientific evidence.

Table 1: Ayurveda interventions for Ante -natal care developed by the Council and their indications

S. No.	Name of the intervention	Indication
1.	Ayush AG Tablet	General Health of woman and fetal growth
2.	Ayush GG Tablet	Edema during pregnancy
3.	Ayush PG Tablet	Pregnancy induced Hypertension (PIH)

#### 4. Ayush ADE candy Nausea and vomiting

The Central Council for Research in Ayurvedic Sciences (CCRAS) carried out the study in a pilot mode for introducing Ayurveda health care system in the conventional system for Antenatal, postnatal and neonatal care with technical support from Indian Council of Medical Research (ICMR), Government of India. It was implemented in some selected areas viz. Ladbhadhol&Chauntra blocks of Mandi District; and Mahakal&Panchrukhi blocks of Kangra District of Himachal Pradesh.

Total 2465 participants were enrolled in the study. Significant improvement in various outcome indicators such as improvement in Hb%, minimal complications such as vomiting, Edema etc. during pregnancy, achievement of full term pregnancy and nil still birth and neonatal death were observed in the study. Whereas in Himachal Pradesh, Neonatal Mortality Rate (NMR) was 31 per 1000 live births and Infant Mortality Rate (IMR) were 40 according to Sample Registry survey (SRS-2010). Further, there was no mortality of women in the registered cases. No adverse drug reaction (ADR) or adverse event (AE) was reported during the study period. The responsiveness of study participants and the outcome of core indicators reveal the acceptability of study participants for Ayurveda during pregnancy.

To summarize, the core benefits are:

- Improvement of General health conditions and anemic status (Hb gm %) in pregnant woman
- Reduction in pregnancy related complications such as Vomiting, Edema etc.
- Full term normal delivery
- Prevention of infant mortality
- Ayurvedic interventions well tolerated & no adverse event reported ensuring their safety
- Improved communication between Ayurveda and modern practitioners at Primary Health Care Level
- Functional integration through cross referrals

The technology of 2 Ayurvedic interventions viz. AYUSH AG Tablet and AYUSH PG Tablet has been transferred.

Note: A paper has been published “Effectiveness of Ayurvedic interventions for Ante-natal Care (GarbhiniParicharya) at Primary Health Care level - A multi-center operational Study” in Journal of Research in Ayurveda and Siddha published by Central Council for Research in Ayurvedic Sciences, Ministry of AYUSH, New Delhi.

### **3. Integration of AYUSH systems in National Programme for Prevention and Control of Cancer, Diabetes, Cardiovascular Diseases & Stroke (NPCDCS)-**

Central Council for Research in Ayurvedic Sciences, Ministry of Ayush in collaboration with Directorate General of Health Services, Ministry of Health & Family Welfare has implemented and executed a programme viz. Integration of AYUSH (Ayurveda) component with NPCDCS ( National Programme for Prevention and Control of Cancer, Diabetes, Cardiovascular diseases & Stroke ) programme in the identified districts of 3 states viz. Bhilwara (Rajasthan), Surendranagar (Gujarat) and Gaya (Bihar) in 52 centers (49 CHCs and 3 District Hospitals)to cater health care services and reduce the burden of NCDs (Cancer, Diabetes, Cardiovascular diseases & Stroke) by integrating Ayurveda and Yoga.

Under this program 111182 patients were enrolled out of 1394417 screened. 145416Yoga camps were also organized wherein 1727758 individuals participated. Three Research papers have been published in peer reviewed journals

### **4. Feasibility of introducing Ayurveda Intervention in Reproductive and Child Health (RCH) in PHCs of Selected district (Gadchiroli) of Maharashtra (Effectiveness of Ayurvedic intervention for Ante-Natal care (GarbhiniParicharya) at Primary Health Care level: A Multi Centre Operational Study).**

The project has been implemented in 30 selected PHCs of Gadchiroli district of Maharashtra and executed through CCRAS Institute-Regional Ayurveda Research Institute for Mother and Child Health (RARIMCH) Nagpur, Maharashtra, mandated with R&D on Mother and Child Health Care which is in close proximity to Gadchiroli. The study has been completed and the final report is under preparation.

**GOVERNMENT OF INDIA**

**MINISTRY OF AYUSH**  
**LOKSABHA**  
**UNSTARRED QUESTION NO-2806**  
**ANSWERED ON 17/03/2023**  
**“Special AYUSH Visa Category”**

**2806. SHRI TAPIR GAO:**  
**SHRI LALLU SINGH:**

Will the **Minister of Ayush** be pleased to state:

- (a) whether the Government plans to introduce a special AYUSH visa category for foreign nationals who want to come to India to take advantage of traditional medicines and if so, the details thereof;
- (b) whether any steps have been taken up to compile a data of the number of foreigners arriving in India for treatment and training in the field;
- (c) the schemes of the Government to promote the medical tourism in the country;
- (d) whether the Government proposes to promote medical tourism through its G20 Presidency and other International forums; and
- (e) if so, the details thereof?

**ANSWER**

**THE MINISTER OF AYUSH**  
**(SHRI SARBANANDA SONOWAL)**

(a) During the inaugural ceremony of the “Global Ayush Investment and Innovation Summit” held on 20.04.2022 at Gandhinagar, Gujarat, the Hon'ble Prime Minister made

the announcement to launch a special category of Ayush visa for foreign visitors for Ayush medical travel/education/treatment including Yoga. The same has been taken up with the Ministry of Home Affairs and the Ministry of External Affairs.

(b) No such information is available with the Ministry of Ayush.

(c) The Government has initiated numerous schemes for the promotion of Medical Value Travel (MVT) in the country:

(i) The Ministry has developed a Central Sector Scheme for the Promotion of International Co-operation in Ayush (IC Scheme) under which various activities are being taken to promote & propagate Ayush System of at international level. The Ministry of Ayush, through this scheme, provides support to Indian Ayush drug Manufacturers/ Ayush Service providers to give boost to the export of AYUSH products & services; facilitates the International promotion, development and recognition of the Ayush system of medicine; foster interaction of the stakeholders and market development of AYUSH at international level; promote academics and research through the establishment of AYUSH Academic Chairs in foreign countries and holding training workshop/symposiums for promoting and strengthening awareness and interest about AYUSH Systems of Medicine at international level.

(ii) The Ministry of Ayush developed Central Sector Scheme namely Champion Services Sector Scheme for Medical Value Travel under which financial assistance in the form of interest subsidy is provided to private investors for the Establishment of World Class, State of the Art Super Specialty Hospitals/ Day Care Centres of the systems recognized under Indian Medicine Central Council (IMCC) Act, 1970 or Homeopathic Central Council (HCC) Act, 1973 on Pan India basis..

(d) & (e) Union Health Ministry has organized a side event during its first Health Working Groupmeeting held in Thiruvananthapuram, Kerala from 18th - 20th January, 2023 to build

consensus in G20 countries for the promotion of holistic, value-based healthcare through medical tourism.

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**GOVERNMENT OF INDIA  
MINISTRY OF AYUSH  
LOK SABHA**

**UNSTARRED QUESTION NO. 2809  
ANSWERED ON 17.03.2023**

**AYUSH ChintanShivir**

**2809 # SHRI RAJENDRA DHEDYA GAVIT:**

Will the Minister of AYUSH be pleased to state:

- (a) whether the first "ChintanShivir" was conducted by AYUSH Ministry at Kaziranga National Park, Assam;
- (b) if so, the details thereof and the roadmap chalked out at the Shivir;
- (c) whether the Government proposes to start digital health technology in AYUSH sector, if so, the details thereof; and
- (d) whether the Government has any plan to promote young researchers and scientists for R&D in AYUSH sector and if so, details thereof?

**ANSWER**

**THE MINISTER OF AYUSH  
(SHRI SARBANANDA SONOWAL)**

- (a) Yes Sir, the first ChintanShivir of Ministry of Ayush was conducted from 27<sup>th</sup>-28<sup>th</sup> February 2023 at Kaziranga National Park, Assam.
- (b) This ChintanShivir was organised for having brainstorming sessions on various policy and programmes of Ministry of Ayush and to deliberate on future initiatives and roadmap in Ayush Sector. The Shivir had following five sessions for discussion
  - i. Digital Health and Technology in Ayush
  - ii. Ayush Research: Future Strategy, Challenges and Way Forward

- iii. Ayush Education: Future initiatives, Capacity building, Employment generation and NEP
- iv. Current Challenges and way forward in Ayush Drug Industries, Services & Standardization of Ayush
- v. Ayush in Public Health: Challenges and Way Forward

These sessions had detailed discussions on key policy/programmes of Ministry of Ayush and also deliberated upon the problems faced in implementation of these policies. All the five sessions also witnessed participation from various invitee speakers. Key Discussion/Suggestion points of Chintan Shivirare placed in **Annexure**.

- (c) The Ministry of Ayush is already committed for developing digital ecosystem for Ayush Sector. Ministry has conceptualised Ayush Grid project for digitalization of entire Ayush sector. This project has been planned for leveraging digital health technology to transform operational efficiency, improve service delivery and enhance quality of services in Ayush. The IT backbone in Ayush i.e. Ayush Grid project will help in integration of all stakeholders and functions/ services related to Ayush.
- (d) Ministry of Ayush through its Central Council for Research in Ayurvedic Sciences (CCRAS), conducts two Programmes to promote young researcher and scientists for R&D in Ayush Sector:
  - i. CCRAS Post-Doctoral Fellowship  
CCRAS Post-Doctoral Fellowship is aimed to identify motivated young researchers of Ayurveda and related science disciplines to provide them support for doing research in frontier areas of Ayurveda and to enhance their academic and research capabilities. The fellows will work under a mentor, at reputed organizations like CSIR, ICMR, DBT, National Institutes, recognized Universities and National Institutions of Ayush etc. for the tenure of two (2) years.
  - ii. Studentship Programme for Ayurveda Research Ken (SPARK)  
The Central Council for Research in Ayurvedic Sciences (CCRAS) has initiated the Studentship Programme for Ayurveda Research Ken (SPARK) in order to promote interest and aptitude for research among Ayurveda undergraduates. The main objective of this program is to provide an opportunity to undergraduate Ayurveda students to familiarize

themselves with research methodology and techniques by being associated for a short duration with their seniors on ongoing research program or by undertaking independent projects.

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## Annexure

### Key Discussion/Suggestion points of ChintanShivir

Session	Key Discussion/suggestion points
Digital Health and Technology in Ayush	Digitization of Ayushwith Ayush Grid and AI Integration, Ayush Healthcare Information Management System
Ayush Research: Future Strategy, Challenges and Way Forward	Evidence based research, Meeting safety standards, quality benchmarking, Academia-Research-Technology-Industry integration, cross system sensitization, statistical validation of Ayush treatments and therapies.
Ayush Education: Future initiatives, Capacity building, Employment generation and NEP	Spreading Indian Knowledge Perspective to masses, suggestions to reinvent education in Ayurveda incorporating AI, innovation and automation in healthcare; suggestion for a health university, integrative medicine as teaching philosophyin medical colleges, Ways to boost employment generation in Ayush, Lesser compliances.
Current Challenges and way forward in Ayush Drug Industries, Services & Standardization of Ayush	Solving supply chain and export related challenges, Digital integration, Improving Research and Documentation in Ayush and countering Negative Media, Ayush pharmacy and allied healthcare professional bill was discussed, possibilities for setting up of Central Ayush University were discussed.
Ayush in Public Health: Challenges and Way Forward	Primary-Secondary-Tertiary-Quaternary Integrated Care Ecosystem build on Ayush Grid infrastructure, Ayush wellness centres as health transformation centres , focus on proactive healthcare instead of reactive healthcare, Expanding insurance coverage, strengthening institutional mechanism in Ayush, Inclusion of Ayush in national level programs, formation of Public Health Cadre, co-located facilities, stress on capacity building



**GOVERNMENT OF INDIA**

**MINISTRY OF AYUSH**

**LOK SABHA**

**UNSTARRED QUESTION NO. 2816 FOR 17.03.2023**

**Promotion of AYUSH through Health tourism**

2816. ADV. ADOOR PRAKASH

SHRI RAJMOHAN UNNITHAN

SHRI BENNY BEHANAN

SHRJT.N. PRATHAPAN

SHRI KUMBAKUDI SUDHAKARAN

Will the Minister of AYUSH be pleased to state:

(a) the details of the strategy of the Government to promote AYUSH treatment through health tourism;

(b) whether the infrastructural facilities required for such treatments are available in the country, if so, the details thereof, State/UT-wise and if not, the reasons therefor; and

(c) the steps taken by the Government to promote the traditional systems of medicine in the country and make it a preferred destination for Medical Value Travel?

**ANSWER**

**THE MINISTER OF AYUSH**  
**(SHRI SARBANANDA SONOWAL)**

(a): Heal in India is an Initiative of the Government to promote the Medical Tourism in the country. Under this initiative, Ministry of Health and Family Welfare, Government of India & Ministry of Ayush has been working with Centre for Development of Advanced Computing (CDAC) and Services Export Promotion Council (SEPC) for developing a 'One Step' Heal in India portal for Promotion of Medical Value Travel.

Ministry of Ayush signed a Memorandum of Understanding (MoU) with India Tourism Development Corporation (ITDC), Ministry of Tourism, Government of India to work together for the promotion of Medical Value Travel in Ayurveda and other traditional systems of medicine.

(b): Yes, the details of National Institutes under the Aegis of Ministry of AYUSH having attached Hospitals for AYUSH System in the country State/UTs wise are given at Annexure.

(c): Ministry of Ayush developed a Central Sector Scheme namely Champion Service Sector Scheme for Medical Value Travel Under this scheme, financial assistance in the form of Interest Subsidy is provided to private investors for the establishment of Super Specialty Hospitals/ Day Care Centres of the systems recognized under The National Commission for Indian System of Medicine (NCISM) Act, 2020 or The National Commission for Homeopathy (NCH) Act, 2020 in FY 2021-22.

Couples of ChintanShivir were organized by the Ministry of Health and Family welfare to promote Heal in India and Heal by India. Ministry of Ayush has also participated in these ChintanShivir. Certain action points were identified in this shivir to promote traditional medicine through Tourism in India.

A Round Table and Plenary Session on Heal in India- Medical Value Travel were also organized during Global Ayush Investment and Innovation summit at Gandhinagar, Gujrat to promote India as No. 1 destination for Medical Value Travel.

\*\*\*\*\*

Annexure

List of National Institutes under the aegis of Ministry of AYUSH having attached hospitals

S.No.	Name of Institute	Location	Name of the State/UT
1	Institute of Teaching & Research in Ayurveda	Jamnagar	Gujarat
2	National Institute of Ayurveda Jaipur	Jaipur	Rajasthan
3	All India Institute of Ayurveda	New Delhi	New Delhi
4	North Eastern Institute on Ayurveda & Homoeopathy	Shillong	Meghalaya
5	North Eastern Institute of Folk Medicine	Pasighat	Arunachal Pradesh
6	National Institute of Homoeopathy	Kolkata	West Bengal
7	National Institute of Unani Medicine	Bengaluru	Karnataka

8	National Institute of Naturopathy	Pune	Maharashtra
9	National Institute of Siddha	Chennai	Tamil Nadu
10	National Institute of Sowa Rigpa	Leh	Ladakh

**GOVERNMENT OF INDIA**  
**MINISTRY OF AYUSH**  
**LOK SABHA**  
**UNSTARRED QUESTION NO. 2832**  
**ANSWERED ON 17.03.2023**  
**AYUSH and Modern Medicine Professionals**

2832. ADV. A.M. ARIFF:

Will the Minister of AYUSH be pleased to state:

- (a) whether the Government is aware that the medical professionals belonging to the AYUSH are not treated at par with the medical professionals of the modern medicine with respect of service and salary matters in the country and if so, the details thereof;
- (b) whether the Government has taken note of the judgement of the Supreme Court that there cannot be discrimination between doctors of AYUSH and modern medicine and if so, the action taken thereon; and
- (c) whether the Government intends to bring in a comprehensive legislation to eliminate the discrimination between the medical practitioners of the AYUSH and modern medicine in the country and if so, the details thereof?

**ANSWER**  
**THE MINISTER OF AYUSH**  
**(SHRI SARBANANDA SONOWAL)**

- f) Ministry of Ayush, Government of India is the cadre controlling authority for Ayush Doctors posted in Central Government Health Scheme (CGHS). These Doctors are getting the benefits of

salary and allowances at par with the Doctors of modern medicine deployed by Ministry of Health & Family Welfare in CGHS. The Ayush Doctors are given time bound promotions under the Dynamic Assured Career Progression (DACP) scheme at par with the Doctors of modern medicine. The Government has also enhanced the retirement age of Ayush Doctors from 60 years to 65 years at par with the Doctors of modern medicine.

Public Health is a State subject. The appointment of AYUSH doctors and fixation of their salary comes under the purview of respective State/ UT Governments.

- g) Yes, Sir. Does not arise in view of the reply furnished at (a) above.  
h) No, Sir.

**GOVERNMENT OF INDIA  
MINISTRY OF AYUSH**

**LOK SABHA  
UNSTARRED QUESTION No. 2842  
TO BE ANSWERED ON 17.03.2023**

**SHORTAGE OF DOCTORS IN AYUSH HOSPITALS/CENTRES**

2842. SHRI B.B.PATIL:

Will the Minister of *Ayush* be pleased to state:

- (a) whether the Government is aware that the doctors in the centres/hospitals under AYUSH are less than the required strength;  
(b) if so, the details thereof, district-wise particularly in Telangana;  
(c) whether the Government proposes to assess and resolve the shortcomings in these hospitals;  
(d) if so, the details thereof and if not, the reasons therefor;  
(e) whether the Government proposes to allocate funds for promoting the AYUSH medical practice in such hospitals; and  
(f) if so, the details thereof and if not, the reasons therefor?

**ANSWER  
THE MINISTER OF AYUSH  
(SHRI SARBANANDA SONOWAL)**

(a) to (d): As Public Health is a State subject, maintaining the information of sanctioned & vacant posts of Ayush doctors/practitioners and filling up of vacancies fall under the purview of respective State/UT Governments. However, the data on registered Ayush doctors/practitioners in the country including Telangana as on 01.01.2021, as reported by State/UT Boards/Councils is furnished at **Annexure-I**.

(e) & (f): Ministry of Ayush is implementing the Centrally Sponsored Scheme of National Ayush Mission (NAM) through State/UT Governments and under NAM, provisions have been made for financial assistance for the promotion of Ayush medical practice through the following:-

- xi. Ayush Health & Wellness Centres under Ayushman Bharat.
- xii. Co-location of Ayush facilities at Primary Health Centres (PHCs), Community Health Centres (CHCs) and District Hospitals (DHs).
- xiii. Up-gradation of existing standalone Government Ayush Hospitals.
- xiv. Up-gradation of existing/setting up of new standalone Government/Panchayat/Government aided Ayush Dispensaries.
- xv. Setting up of up to 50 /30 /10 bedded integrated Ayush Hospitals.
- xvi. Supply of essential drugs to Government Ayush Hospitals, Government Dispensaries and Government/Government aided Teaching Institutional Ayush Hospitals.

State/UT Governments may avail financial assistance by submitting the proposal through State Annual Action Plan (SAAP) as per NAM guidelines.

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## Annexure-I

## State/UT wise Ayushregistered practitioners (doctors) as on 01.01.2021

S.No.	States/UTs	Number of Ayush registered practitioners (doctors)
1	2	3
1	Andhra Pradesh	5081
2	Arunachal Pradesh	418
3	Assam	2963
4	Bihar	73250
5	Chhattisgarh	6549
6	Delhi	9740
7	Goa	1470
8	Gujarat	55812
9	Haryana	11759
10	Himachal Pradesh	7209
11	Jammu & Kashmir	3801
12	Jharkhand	768
13	Karnataka	49694
14	Kerala	45395
15	Madhya Pradesh	70285
16	Maharashtra	167419
17	Manipur	0
18	Meghalaya	438
19	Mizoram	0
20	Nagaland	174
21	Odisha	15330
22	Punjab	16057
23	Rajasthan	21378
24	Sikkim	0
25	Tamil Nadu	17296
<b>26</b>	<b>Telangana</b>	<b>22756</b>
27	Tripura	669
28	Uttar Pradesh	94482
29	Uttarakhand	5304
30	West Bengal	50099
31	A&N Islands	0
32	Chandigarh	184
33	D&N Haveli and Daman & Diu	0
34	Ladakh	0
35	Lakshadweep	0
36	Puducherry	0



	<b>TOTAL</b>	<b>755780</b>
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**Source:** As reported by State Boards/Councils

Note: The number of Ayush registered practitioners (doctors) includes Ayurveda, Unani, Siddha, Naturopathy, Homoeopathy and Sowa-Rigpa registered practitioners.

**GOVERNMENT OF INDIA**  
**MINISTRY OF AYUSH**  
**LOKSABHA**  
**UNSTARRED QUESTION NO-2843**  
**ANSWERED ON 17/03/2023**

**“AYUSH Fellowship”**

**2843. SHRI G.M. SIDDESHWAR:**

Will the **Minister of Ayush** be pleased to state:

- (a) the number of foreign nationals undertaking AYUSH courses through fellowship or scholarship programmes offered by premier AYUSH institutions in the country;
- (b) the year-wise distribution of the fellows and their country of origin since the inception of the scheme for the promotion of international cooperation in AYUSH; and
- (c) the details of AYUSH Information Cells established and working health centres/institutions in foreign countries?

**ANSWER**

**THE MINISTER OF AYUSH**  
**(SHRI SARBANANDA SONOWAL)**

(a) The number of foreign nationals undertaking Ayush courses in premier Ayush institutions in the country under Ayush scholarship/fellowship programmes of the Ministry of Ayush, is 247

(b) The year-wise distribution of Ayush scholars (along with their country of origin) studying under the Ayush Scholarship/Fellowship programme of the Ministry of Ayush from 2016-17 to 2021-22 is at Annexure-A.

(c) An Ayush Information cell is set up in foreign Countries with the mandate to disseminate authentic information about Ayush systems of Medicine and to undertake various Ayush Promotional activities. The Ministry of Ayush has supported the establishment of 39 Ayush Information Cells in 35 foreign nations. Recently, the latest Ayush Information Cell in Japan was inaugurated on 09<sup>th</sup> March, 2023. A health centre i.e. Panchakarma Centre in Havana (Cuba) has been established by the Ministry of Public Health, Cuba with the technical support of the Ministry of Ayush in 2019. Under the Country to Country MoU signed with Cuba, the Ministry of Ayush deputed one Ayurveda Expert and two Ayurveda therapists to Havana, Cuba, for providing their services for the Panchakarma Centre at, Havana, Cuba in November, 2019.

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## Annexure-A

S. No.	Name of Country	No. of Fellows					
		2016-17	2017-18	2018-19	2019-20	2020-21	2021-22
1	Afghanistan	4	0	0	1	2	0
2	Armenia	0	1	0	0	0	0
3	Austria	0	1	0	0	0	0
4	Bangladesh	0	1	0	7	10	10
5	Bhutan	2	0	0	2	0	0
6	Bolivia	0	0	0	0	0	1
7	Brazil	1	1		1	1	5
8	Croatia	0	0	1	1	0	0
9	Egypt	1	0	0	0	0	1
10	Fiji	0	0	1	0	0	0
11	Germany	0	1	1	0	0	0
12	Ghana	0	0	0	0	0	6
13	Greece	0	0	0	0	1	0
14	Indonesia	0	0	0	1	1	0
15	Iran	3	3	1	2	0	2
16	Japan	0	1	0	0	1	0
17	Kenya	2	0	0	0	0	0
18	Malaysia	6	0	4	0	0	1
19	Mauritius	0	0	0	0	2	0
20	Mozambique	0	0	0	1	0	0
21	Nepal	26	19	23	22	24	24
22	Netherlands	0	0	0	0	1	0
23	Nicargua	1	0	0	0	0	0
24	Portugal	0	1	1	0	0	0
25	Romania	0	1	0	0	0	0
26	Russia	3	0	2	1	0	1
27	Singapore	0	0	1	0	0	0
28	South Africa	0	0	0	0	1	0
29	South Korea	0	0	0	1	1	0
30	Sri Lanka	9	1	16	14	7	9
31	Suriname	0	0	1	0	0	0
32	Switzerland	1	0	0	0	0	0
33	Syria	0	0	0	0	1	1
34	Tanzania	2	0	0	0	0	0
35	Thailand	2	0	0	0	0	0

36	Trinidad & Tobago	0	0	1	0	0	0
37	Turkey	0	0	0	1	0	0
38	USA	0	0	1	1	0	1
39	Venezuela	0	0	1	0	0	0
40	Vietnam	0	0	0	0	1	0
41	Zambia	0	0	0	0	0	1

**GOVERNMENT OF INDIA  
MINISTRY OF AYUSH**

**LOK SABHA  
UNSTARRED QUESTION NO.2868  
ANSWERED ON 17<sup>th</sup> MARCH, 2023**

**“Herbal Gardens”**

**2868. DR. M.P. ABDUSSAMAD SAMADANI:**

**SHRI BHAGIRATH CHOUDHARY:**

Will the Minister of Ayush be pleased to state:

- (a) whether the Government has formulated or implemented any scheme for developing herbal gardens in the country;
- (b) if so, the details of the existing herbal gardens, State/UT-wise including Rajasthan;
- (c) the present status of projects sanctioned for development of herbal gardens in the country including Rajasthan during the last five years;
- (d) the amount of funds allocated and spent for the said projects during the last five years;

(e) whether the Government proposes to set up new herbal gardens at Ajmer in Rajasthan and in Kerala also to promote AYUSH medicines; and

(f) if so, the details thereof along with the time frame for setting up of such gardens in the said areas and if not, the reasons therefor?

### **ANSWER**

**The Minister of Ayush**

**(SHRI SARBANANDA SONOWAL)**

(a & b) Yes Sir, presently, the 'National Medicinal Plants Board', Ministry of Ayush is implementing a "Central Sector Scheme on Conservation, Development and Sustainable Management of Medicinal Plants" throughout the country under which there is a provision to provide project based support to various Government and Non-Government organizations to develop different types of Herbal Gardens viz. School Herbal Gardens, Institutional/ Public Herbal Gardens and Herbal Gardens of State and National importance. The State /UT-wise detail of different types of Herbal Gardens supported since 2001-02 to till date is given at **Annexure – I**

(c & d) The status of project sanctioned for development of herbal gardens in the country including state of Rajasthan during last five years and the amount of funds sanctioned, spent / utilized for the said projects is given at **Annexure – II**

(e & f) Under the "Central Sector Scheme on Conservation, Development and Sustainable Management of Medicinal Plants" during financial year 2022-23, a project entitled *Establishment of thematic herbal garden at Kerala University of Health Sciences (KUHS) Campus at Thrissur* has been sanctioned for an amount of Rs 43.20 Lakhs in state of

Kerala for a period of 5 years. However, no proposal was received from state of Rajasthan to setup new herbal garden at Ajmer.

**Annexure-I**

**The State /UT –wise detail of different types of Herbal Gardens supported since 2001-02 to till date.**

<b>S.No</b>	<b>State /UT</b>	<b>No. of Institutional Herbal Garden</b>	<b>No. of School Herbal Garden</b>	<b>No. of Home Herbal Garden (till 2021-22)</b>	<b>No. of Herbal Gardens of State /National Importance</b>
1	A & N Island	2	0	0	0
2	Andhra Pradesh	10	100	13000	1
3	Arunachal Pradesh	3	0	0	0
4	Assam	13	0	0	0
5	Bihar	1	0	0	0
6	Chhattisgarh	2	200	0	0
7	Delhi	14	606	800	2
8	Goa	2	37	0	1
9	Gujarat	11	490	3000	0

10	Haryana	8	25	0	0
11	Himachal Pradesh	5	75	0	0
12	Jammu & Kashmir	9	25	0	0
13	Jharkhand	4	0	0	0
14	Karnataka	10	500	1420	0
15	Kerala	26	933	2500	2
16	Madhya Pradesh	1	75	200	1
17	Maharashtra	21	194	100	0
18	Manipur	2	100	0	1
19	Mizoram	3	0	0	0
20	Nagaland	1	130	0	0
21	Orissa	7	37	0	0
22	Pondicherry	1	0	0	0
23	Punjab	6	267	0	0
<b>24</b>	<b>Rajasthan</b>	<b>9</b>	<b>112</b>	<b>100</b>	<b>0</b>
25	Sikkim	0	0	100	0
26	Tamilnadu	14	179	400	1
27	Telangana	5	20	300	1
28	Uttarakhand	11	147	250	1
29	Uttar Pradesh	12	130	0	1
30	West Bengal	11	11	0	0
	<b>Total</b>	<b>224</b>	<b>4393</b>	<b>22170</b>	<b>12</b>

#### Annexure-II

The State/UT- wise details of the herbal garden projects sanctioned and the amount of funds Sanctioned and spent/ utilized under the Central Sector Scheme on Conservation, Development and Sustainable Management of Medicinal Plants during the last five years

S.No	Year	State/UT	Title of the project	Fund Sanctioned (Rs. In Lakh)	Funds spent/ utilized (Rs. In Lakh)
1.	2017-18	Assam	Establishment of Herbal Garden at Panbari, Kokrajhar District of Assam	21.60	12.00

2.		Kerala	Herbal Plants & Home Remedies	39.00	25.00
3.		Kerala	Establishment of Herbal Garden in Selected 50 Schools each in Alappuzha and Pathanamthitta Dist. Of Kerala	13.25	6.25
4.		Rajasthan	Home Herbal Garden	2.50	2.50
5.		TamilNadu	Setting up of Institutional/ Public Herbal Gardens	27.00	27.00
6.		TamilNadu	Promotion of School Herbal Gardens and Home Herbal Gardens	72.05	41.25
7.		TamilNadu	Setting up of Institutional/ Public Herbal Gardens	27.00	-
8.		TamilNadu	Promotion of School Herbal Gardens and Home Herbal Gardens	65.50	-
9.		Uttarakhand	Establishment of Home Herbal Gardens selected Regions of River Ganga basin in Uttarakhand	1.25	-
10.		Uttarakhand	Establishment of Home & School Herbal Gardens in Villages Selected for development of Ganga Grams in Uttarakhand State	12.71	-
11.		Uttarakhand	Establishment of Herbal Garden for promotion of medicinal plants through participation of Educational Institutions in Dist. Uttarakashi, Uttarakhand	13.25	6.25
12.		Uttar Pradesh	Establishment of herbal garden of medicinal plants at the Schools and Training Programme of Basti Sadar - Block, District Basti, U.P.- 272190.	5.30	-
13.		West Bengal	Integrated Development of Herbal (Medicinal & Aromatic Plants) Garden at BCKV, Mohanpur, Nadia, West Bengal	5.40	1.20
14.	2018-19	Arunachal Pradesh	"Establishment of Herbal Garden and MAP nursery"	6.25	4.26



15.		Assam	Creation of North-East Indian Zingiberales biodiversity garden (Gene Bank) in RFRI, Assam	18.87	8.20955
16.		Delhi	"Establishment of Herbal Garden in JPN Apex Trauma Centre, AIIMS".	5.94	-
17.		Delhi	Herbal Garden in Government & private Schools of GNCT of Delhi	13.25	6.25
18.		Kerala	"Establishment of Herbal Garden/ Park at Oushadhi Sub-Centre Pariyaram, Kannur"	27.00	15.00
19.		Maharashtra	Establishment of model herbal garden for medicinal and aromatic plants."	10.80	6.00
20.		Maharashtra	Herbal Garden	5.40	3.00
21.		Manipur	"Establishment of State Herbal Garden at "Kangla Fort" Imphal, Manipur"	27.60	22.20
22.		Nagaland	"Establishment of Medicinal Herbal Gardens at Kisama Heritage Village, Kohima district and Longleng district hospital in Nagaland"	16.20	-
23.		Nagaland	"School Herbal Garden"	53.00	25.00
24.		Punjab	Creation of School Herbal Garden in the area lying under Extension Forest Division, Bathinda, Punjab.	33.92	-
25.		Punjab	Creation of School Herbal Gardens in the area lying under Extension Division, Patiala, Punjab.	42.40	20.00
26.		Punjab	Creation of School Herbal Garden in the area lying under Extension Forest Division, Phillaur.	46.64	3.06135

27.		Punjab	Establishment of herbal garden for Health Sciences Students at University Institute of Pharmaceutical Sciences and Research, Faridkot"	0.528	-
28.		Rajasthan	"School Herbal Garden"	5.30	2.50
29.		Rajasthan	"School Herbal Garden"	53.00	-
30.		Rajasthan	"School Herbal Garden"	0.50	0.50
31.		Telangana	"Establishment of Herbal Gardens at EPTRI campus with Medicinal and Aromatic plants"	5.40	3.00
32.		Uttarakhand	"Establishment of herbal garden at Uttarakhand Ayurved University for conservation and promotion of medicinal and aromatic plants".	8.10	3.00
33.		Uttarakhand	Establishment of Herbal Gardens for Promotion of Medicinal Plant through the Participation of Educational Institutions in District Tehri Garhwal, Uttarakhand	5.30	-
34.		Uttar Pradesh	Development of Herbal Garden in Department of Pharmacy, MJP Rohailkhand University, Bareilly (UP)"	5.76	1.08
35.	2019-20	Assam	Herbal Garden, Nursery	15.90	6.99958
36.		Delhi	Establishment of herbal garden and utilization of herbal plants for value added food products.	0.45	0.42
37.		Telangana	Establishment of Institutional Herbal Garden with Medicinal and Aromatic Plants at TSFCRI Campus".	5.40	1.20
38.		Uttarakhand	"Establishment of herbal garden at Charak International Research Centre for Ayurveda (Kotdwar) for conservation	16.20	-

			and promotion of medicinal and aromatic plants		
39.		Uttarakhand	Promotion of Medicinal Plants through exclusive school herbal gardens in Pithoragarh district of Uttarakhand.	5.30	-
40.		Uttar Pradesh	Development of Herbal Garden for commercially important Medicinal Plants	5.40	-
41.	2020-21	Andhra Pradesh	Establishment Of Herbal Garden At Sri Padmavati Mahila Visvavidyalayam (Women's University), Tirupati, Andhra Pradesh	10.80	6.00
42.		Andhra Pradesh	Development Of Home Herbal Gardens To Promote The Primary Herbal Care System In Rural / Urban Areas In Andhra Pradesh	325.00	-
43.		Assam	135 Eco Task Force Herbal Garden in Bangaldoba Nayekgaon, Assam	27.00	-
44.		Assam	Collection, Conservation And Maintenance Of Locally Available Medicinal And Aromatic Plants	4.20	-
45.		Karnataka	"Institutional Herbal Garden" at University of Horticultural Sciences, Udyangiri, Bagalkot	9.60	-
46.		Kerala	Establishment of Institutional Medicinal plant garden in 10 hectare at Pariyaram, Kannur, Kerala	27.00	15.00
47.		Kerala	Establishment of a Medicinal Plant Seed Centre cum Seed Museum at Kerala Forest Research Institute, Peechi, Thrissur, Kerala.	207.740	62.705
48.		Kerala	Urban Home Herbal Gardens in Thiruvananthapuram city,	12.50	5.50

			Kerala through Grow bag Cultivation: An Innovative Approach by Ex-situ Conservation and Utilization of Medicinal Plants for Primary Health Care.		
49.		Madhya Pradesh	Development of Herbal Garden of State Importance"	125.00	-
50.		Maharashtra	Establishment of Medicinal and Aromatic Plants "MAPA" Garden	4.04	3.00
51.		Maharashtra	Promotion of Medicinal Plants for Healthy Life	2.50	2.50
52.		Telanagana	Establishment of Institutional Herbal Garden and Aromatic Plants at Palamuru University Campus	10.66	-
53.		Uttarakhand	Establishment of herbal garden for promotion of medicinal plants sector in Uttarakhand	27.00	-
54.		Uttar Pradesh	Establishment of Herbal Garden To Conserve Medicinal Plants	21.60	-
55.		Uttar Pradesh	Establishment of Herbal Garden.	21.60	-
56.		Uttar Pradesh	Development of National Herbal Garden for Pharmacopoeial Species.	295.22	-
57.	2021-22	Assam	Blazing Sword Herbal Gardens" in Missamari, Assam	53.46	-
58.		Assam	Setting up of herbal garden in Dibrugarh University	27.00	-
59.		Assam	Development of Herbal Garden on Rare, Endangered and Threatened medicinal and aromatic plants of North east India	10.80	-

60.		Gujarat	Project Proposal Establishment of School Herbal Gardens to Promote use of Medicinal Plants for Primary Health Care at the School Level in Mehsana, Banaskantha, Patan and Gandhinagar District (North Zone) of Gujarat State	9.75	-
61.		Gujarat	Promoting Herbal Garden in Schools	13.25	-
62.		Himachal Pradesh	Establishment Of Institutional Herbal Garden At CSIR-IHBT, Palampur	27.00	-
63.		Himachal Pradesh	Setting up of Herbal Garden in schools under Education Department of Himachal Pradesh.	72.08	-
64.		Jharkhand	Establishment of Institutional Herbal Garden at All India Institute of Medical Sciences (AIIMS), Deoghar	3.84	-
65.		Karnataka	Establishment of a Taxonomy –based Medicinal Plants Garden at Manasagangotri Campus, University of Mysore, Mysuru, Karnataka	27.00	-
66.		Karnataka	Establishing Public Herbal Gardens in 100 Tree Parks in Karnataka	540.00	-
67.		Karnataka	Establishing 500 Herbal Gardens in Residential schools run by Karnataka Residential Educational Institutions Society, Government of Karnataka	265.00	-
68.		Kerala	School Herbal Garden	6.25	-
69.		Kerala	Development of medicinal plants garden by Amala Ayurvedic Hospital and Research Centre.	4.20	-
70.		Manipur	Establishment of 100 School Herbal Garden at 16 districts of Manipur	53.00	-

71.	Tamil Nadu	Conservation and Establishment of Medicinal Plant Garden: Using Biodiversity for Human Well Being.	3.636	-
72.	Tamil Nadu	Promoting Awareness And Scientific Knowledge On Medicinal Plants Among Higher Secondary School Children In Tirunelveli District Of Tamil Nadu	10.92	-
73.	Telangana	Establishment of a Herbal Garden at TTWR Sainik School, Ashoknagar, Warangal, Telangana, India with an aim to conserve gradual depleting herbal plant species	19.20	-
74.	Uttarakhand	Thematic Therapeutic And Distinguish Designed Herbal Garden Of National/State Importance	21.60	-
75.	Uttarakhand	Establishment Of Herbal Garden For Promotion Of Traditional High Altitude Medicinal Plants In Uttarakhand	21.60	-

**GOVERNMENT OF INDIA  
MINISTRY OF AYUSH**

**LOK SABHA  
UNSTARRED QUESTION NO-2870  
FOR 17.03.2023**

**CRIYN**

2870. **SHRI CHANDRA SEKHAR BELLANA:**

Will the Minister of **Ayush** be pleased to state:

(a) the State/UT-wise details of Central Research Institutes of Yoga and Naturopathy (CRIYN) present in the country;

(b) the status of the Central Research Institute of Yoga & Naturopathy (CRIYN) proposed to be established in Vijayawada, Andhra Pradesh;

- (c) the details of funds sanctioned and released for the establishment of the Institute; and  
(d) the time by which the institute is likely to be made functional?

**ANSWER**

THE MINISTER OF AYUSH

(SHRI SARBANANDA SONOWAL)

**(a):** Central Council for Research in Yoga and Naturopathy (CCRYN), New Delhi, an autonomous body under the Ministry of Ayush has recently established two Central Research Institutes of Yoga and Naturopathy (CRIYNs) at Jhajjar, Haryana and Nagamangala, Karnataka. Another CRIYN is functioning at Rohini, Delhi.

**(b) to (e):** There is no approved proposal to establish a CRIYN at Vijayawada, Andhra Pradesh.

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**GOVERNMENT OF INDIA  
MINISTRY OF AYUSH**

**LOK SABHA  
UNSTARRED QUESTION NO. 2885  
TO BE ANSWERED ON 17<sup>th</sup> March, 2023**

**“Marketing of Fake AYUSH Products”**

**2885. SHRI VISHNU DAYAL RAM:  
MS. RAMYA HARIDAS:**

Will the Minister of AYUSH be pleased to state:

- (a) whether there has been an increase in fake/misleading products being marketed as AYUSH products and if so, the details thereof;
- (b) whether the Government has set up a Pharmacopoeia Commission for Indian Medicine and Homoeopathy and if so, the details of the brands and raw products banned by the Commission;

- (c) whether Government has noticed the dubious claims and advertisement of AYUSH products and if so, the details thereof;
- (d) whether any protocol or guidelines are in force to restrict AYUSH products only for medicinal use and if so, the details thereof;
- (e) the action taken by the Government in cases of false advertising/marketing of products as AYUSH products; and
- (f) whether there is a monitoring mechanism in place to prosecute/penalise second-time offenders engaging in false marketing/advertising and if so, the details of such second-time offenders, State-wise?

**ANSWER**  
**THE MINISTER OF AYUSH**  
**(SHRI SARBANANDA SONOWAL)**

(a) As prescribed in Drugs and Cosmetics Act 1940 and Rules 1945 made thereunder, enforcement of the legal provisions pertaining to Quality Control and issuance of drug license of Ayurveda, Siddha, Unani and Homoeopathic drugs, is vested with the State drug Controllers/ State Licensing Authorities appointed by the concerned State/ Union Territory Government. State government of Andhra Pradesh (A.P.) has informed that following fake/ misleading products have come to their notice-

- i. Vata Nivarini Gulika & Dhanwantari Gulika, manufactured by M/s Ijas Herbals of Kurnool, A.P. (Mfg. License no. R-1909/Ayur.) & M/s Susruta Ayurvedics of Ravulapalem, W.G. Dist. Of A.P. (Mfg. License A-1610/Ayur. for Arhtirits Pains). Cases has been filed under Section 33-E, EE and EEA, the licenses were cancelled and the units have been seized.
- ii. Sri Anandaiah's Covid Medicine (P,K,LF & Eye drops) – Activity is stopped and the department has furnished all the relevant documents to Hon'ble High Court of A.P. in connection with a case filled by others.

State government of Kerala has informed that the number of cases filed regarding fake/misleading products has been increased compared to previous years. From 2013, 19 complaints for misleading advertisement and 11 cases for Drugs & Magic Remedies (Objectionable Advertisements) Act, 1954 & Rules there under have been reported.

(b) Yes Sir and Madam. Government of India has merged three organizations namely; Pharmacopoeia Laboratory of Indian Medicine (PLIM), Homoeopathic Pharmacopoeia Laboratory (HPL) [both central



government laboratories under Ministry of Ayush and deals the matter pertaining to drug testing and Pharmacopoeial Standardization of drug used in Indian System (Ayurveda, Siddha Unani) of medicine and Homoeopathy respectively] and Pharmacopoeia Commission for Indian Medicine & Homoeopathy an autonomous body under M/o Ayush, and re-established as Pharmacopoeia Commission for Indian Medicine & Homoeopathy (PCIM&H), a subordinate office under Ministry of Ayush vide Gazette Notification No. CG-DL-W-20072020-220580, dated 06.07.2020.

The prime mandate of re-established PCIM&H on behalf of M/o Ayush to lays down Pharmacopoeial Standards and Formulary specifications for ASU&H drugs, which serve as official compendia for ascertaining the identity, purity and strength of the drugs included therein. Further, commission is acting as appellate laboratory for testing of ASU&H drugs.

(c) to (e) Yes. As prescribed in Drugs and Cosmetics Act 1940 and Rules 1945 made thereunder, enforcement of the legal provisions pertaining to Quality Control and issuance of drug license of Ayurveda, Siddha, Unani and Homoeopathic drugs, is vested with the State drug Controllers/ State Licensing Authorities appointed by the concerned State/ Union Territory Government. State/UT Governments are empowered to enforce the provisions of Drugs & Magic Remedies (Objectionable Advertisements) Act, 1954 & Rules there under and Rule 170 of the Drugs & Cosmetics Rules, 1945 pertaining to control and prohibition of misleading advertisements and exaggerated claims of drugs. Accordingly, directives have been issued to the States/UTs for appointing Officers to enter, search any premises or examine or seize any record related to the alleged misleading or improper advertisements and initiate action against the cases of default.

Pharmacovigilance Centres for Ayurveda, Siddha, Unani and Homoeopathy (ASU&H) Drugs set up in different parts of the country under the Central Scheme of Ministry of Ayush are mandated to monitor and report the misleading advertisements to the respective State Regulatory Authorities. A three tier structure comprising of a National Pharmacovigilance Co-ordination Centre (NPvCC), Intermediary Pharmacovigilance Centres (IPvCs) and Peripheral Pharmacovigilance Centres (PPvCs) is established. All India Institute of Ayurveda (AIIA), New Delhi under Ministry of Ayush is the National Pharmacovigilance Co-ordination Centre (NPvCC) for the implementation of the National Pharmacovigilance program for Ayurveda, Siddha, Unani & Homoeopathy drugs. Objectionable advertisements are being reported to the respective State Licensing Authorities by PPvC at regular intervals.

As per the information received from State/UT government, the details of dubious claims and advertisement of AYUSH products and the action taken by the Government in cases of false advertising/marketing of products as AYUSH products are as follows –

S.no.	Name of the State/UT	the details of dubious claims and advertisement of AYUSH products	Action taken by the State/ UT Government for false advertising/marketing of products as AYUSH products
1.	Tamil Nadu	01, misleading advertisement of Thamara-20	<ul style="list-style-type: none"> <li>• License of Asthra Power Tonic Capsule &amp; Cream of M/ s. Pee Gee Pharma, No. 2/143, Sivadapuram, S.O, Salem - 636 307 had been suspended for one month for illegal advertisement with false claim.</li> <li>• License of Boraxine Ointment of M/ s. Ancient Pharma, Door No. 4/150, Virathanur Road, Ayyanarpuram, Panaiyur Post, Madurai - 625 009 had been suspended for one month for illegal advertisement with false claim.</li> <li>• License of Segro Plus Capsule, Musli Segro Capsule &amp; Kamana Capsule of M/ s. Shankaralaya Herbals Pvt Ltd, No. 9, 10th Cross Street, Mangalanagar, Chennai - 116 had been suspended for one month for illegal advertisement with false claim.</li> </ul>
2.	Karnataka	Drug Inspectors have issued 1409 notices to erring advertisers for the misleading claims in their advertisements.	Government officers have been notified under Section (8) of Drugs & Magic Remedies (OA) Act, 1954 to initiate action against advertisers issuing misleading and objectionable advertisement.
3.	Maharashtra	73 objectionable advertisements of Ayush products have been detected since 2020.	<p>Action taken since 2020 No. of manufacturing companies</p> <p>Notice issued, 28 investigation in progress</p> <p>Manufacture 11 informed that they have stopped advertisement</p>

				Objectionable contents removed	10		
				Investigation in progress	08		
				Prosecution filed	13		
				No contravention of DMR observed	02		
				Stock seized and investigation under process	01		
4.	Manipur	08 misleading advertisement noticed by PPvC.					
5.	Kerala	Ayurveda Drug inspectors are constantly monitoring for any dubious claims and advertisement. From 2013, 19 complaints of advertisements have been noticed.		Legal action to 11 manufacturers has been taken against false advertising/marketing of Ayurveda, Siddha and Unani products			
6.	Mizoram	NIL		NIL			
7.	Odisha	NIL		NIL			
8.	Puducherry	Nodal officer has been appointed for the Drugs & Magic Remedies (OA) Act, 1954.					
9.	Gujarat	<b>Year</b>	<b>No. of advertisement in respect of DMR Act, 1954.</b>	<b>Warning issued</b>	<b>Show Cause notice issued</b>	<b>Sent for inquiry/referred</b>	
		2020	24	11	8	5	
		2021	6	-	2	4	
		2022	4	-	2	2	
10.	Andaman & Nicobar	One advertisement with dubious claim of Ayush Product over Internet (by the manufacturer based in Haryana State) has been noticed.		<ul style="list-style-type: none"> <li>Matter has been reported to intermediary pharmacovigilance Centre jamnagar and PPvC, Haryana to take up with the concerned authority.</li> <li>Regular awareness programs on DMR (OA) Act, 1954 have been conducted by PPvC Port Blair.</li> </ul>			
11.	Uttar Pradesh	04 dubious claims/ advertisement have been noticed.		Cognizance of the case, direction have been to the concern authority for taking necessary action against the defaulters			

			and alleged manufacturing/ advertisers under the DMR (OR) Act, 1954 and Drugs & Cosmetics Act, 1940.
12.	Andhra Pradesh	NIL	As per the provisions of DMR (OR) Act, 1954
13.	Jammu Kashmir	&	There is no separate Ayush Drug Controlling Authority which can monitor herbal drug companies and any misleading / objectionable advertisements under Ayush sector.
14.	Delhi	NIL	NIL
15.	Tripura	NIL	NIL
16.	Goa	NIL	NIL
17.	Lakshadweep	NIL	NIL
18.	Ladakh	NIL	The department will act against the false advertisement / marketing of product as AYUSH product.
19.	Meghalaya	NIL	NIL

(f) State/UT Governments are empowered to enforce the provisions of Drugs & Magic Remedies (Objectionable Advertisements) Act, 1954 & Rules there under and Rule 170 of the Drugs & Cosmetics Rules, 1945 pertaining to control and prohibition of misleading advertisements and exaggerated claims of drugs. As per section 7 of Drugs & Magic Remedies (Objectionable Advertisements) Act, 1954 -

*Whoever contravenes any of the provisions of this Act [or the rules made there under] shall, on conviction, be punishable –*

*a) in the case of a first conviction, with imprisonment which may extend to six months, or with fine, or with both;*

*b) in the case of a subsequent conviction, with imprisonment which may extend to one year, or with fine, or with both.*

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GOVERNMENT OF INDIA  
MINISTRY OF AYUSH

**LOK SABHA**  
**UNSTARRED QUESTION NO. 2903**  
ANSWERED ON 17/03/2023

**Unani Research Institutes**

2903. SHRIMATI SUPRIYA SULE

Will the Minister of AYUSH be pleased to state:

- (a) the number of Unani Medical Research Institutes presently functioning in the State of Maharashtra;
- (b) the details of centre-wise performance of Central Council for Research in Unani Medicine across the country during each of the last three years;
- (c) whether actual strength of professionals/Doctors is much less than the sanctioned strength in these centres and if so, the details thereof and the reasons therefor; and
- (d) the action taken by the Government to fill-up these vacancies in a time bound manner?

**ANSWER**

THE MINISTER OF AYUSH

(SHRI SARBANANDA SONOWAL)

- (a) One. The Regional Research Institute of Unani Medicine is functioning under the Central Council for Research in Unani Medicine in Mumbai, Maharashtra.
- (b) As per details at **Annexure-I**.
- (c) The 52 posts of Research Officers (Unani), 14 posts of Research Officer (Pathology) and 1 post of Research Officer (Bio-Chemistry) are vacant in these centres.
- (d) The filling up of the vacant posts is a continuous process and vacant posts are being filled from time to time.

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## Annexure -I

CENTRE	ACTIVITIES	Centre wise performance (Total number of Projects)		
		2019-20	2020-21	2021-22
National Research Institute of Unani Medicine Skin Disorders (NRIUMSD), Hyderabad	Survey and Cultivation of Medicinal Plants Programme	20 projects	22 projects	24 projects
	Drug Standardisation Research Programme			
	Clinical Research Programme			
Central Research Institute of Unani Medicine (CRIUM), Lucknow	Clinical Research Programme	15 projects	18 projects	20 projects
Regional Research Institute of Unani Medicine (RRIUM), Chennai	Survey and Cultivation of Medicinal Plants Programme	15 projects	17 projects	19 projects
	Drug Standardisation Research Programme			
	Clinical Research Programme			
Regional Research Institute of Unani Medicine (RRIUM), Bhadrak	Survey and Cultivation of Medicinal Plants Programme	12 projects	12 projects	14 projects
Regional Research Institute of Unani Medicine (RRIUM), Patna	Clinical Research Programme			
	Clinical Research Programme	10 projects	10 projects	11 projects
Regional Research Institute of Unani Medicine (RRIUM), Aligarh	Survey and Cultivation of Medicinal Plants Programme	10 projects	10 projects	12 projects
	Clinical Research Programme			
Regional Research Institute of Unani Medicine (RRIUM), Mumbai	Clinical Research Programme	08 projects	10 projects	10 projects
Regional Research Institute of Unani Medicine (RRIUM), Srinagar	Survey and Cultivation of Medicinal Plants Programme	20 projects	21 projects	23 projects
	Drug Standardisation Research Programme			
	Clinical Research Programme			

Regional Research Institute of Unani Medicine (RRIUM), Kolkata	Clinical Research Programme	06 projects	07 projects	07 projects
Regional Research Institute of Unani Medicine (RRIUM), New Delhi	Clinical Research Programme	10 projects	10 projects	12 projects
Regional Research Centre (RRC), Allahabad	Clinical Research Programme	05 projects	05 projects	06 projects
Clinical Research Unit (CRU), Edathala	Clinical Research Programme	04 projects	04 projects	05 projects
Clinical Research Unit (CRU), Bengaluru	Clinical Research Programme	04 projects	04 projects	06 projects
Clinical Research Unit (CRU), Bhopal	Clinical Research Programme	03 projects	03 projects	04 projects
Clinical Research Unit (CRU), Burhanpur	Clinical Research Programme	03 projects	03 projects	03 projects
Clinical Research Unit (CRU), Kurnool	Clinical Research Programme	04 projects	04 projects	05 projects
Clinical Research Unit (CRU), Meerut	Clinical Research Programme	04 projects	04 projects	06 projects
Regional Research Institute of Unani Medicine (RRIUM), Silchar	Clinical Research Programme	03 projects	03 projects	04 projects
Hakeem Ajmal Khan Institute of Literary Research in Unani Medicine, (HAKILRIUM) New Delhi	Literary Research Programme	08 projects	08 projects	10 projects
Drug Standardisation Research Unit (DSRU), New Delhi	Drug Standardisation Research Programme	02 projects	02 projects	03 projects
Drug Standardisation Research Institute (DSRI) Ghaziabad	Drug Standardisation Research Programme	04 projects	04 projects	07 projects



**GOVERNMENT OF INDIA  
MINISTRY OF AYUSH**

**LOK SABHA  
UNSTARRED QUESTION NO.2906  
ANSWERED ON 17<sup>th</sup>MARCH, 2023**

**AYUSH Health and Wellness Centres**

2906. SHRI RAJIV PRATAP RUDY:  
SHRIMATI SARMISTHA SETHI:

Will the Minister of AYUSH be pleased to state:

- (h) the number of AYUSH Health and Wellness Centres (HWC)/Dispensaries currently operational in the country, State/UT/district-wise including Saran in Bihar and Odisha;
- (i) the total amount of funds allocated and released during the last two years for each AYUSH HWC, State/ UT/district-wise including Bihar;
- (j) whether the Government has undertaken any efforts to set up AYUSH-HWCs in remote and rural areas in different States and if so, the details thereof, State/UT-wise including Bihar and Odisha; and
- (k) the steps taken by the Government to create AYUSH hubs in India?

**ANSWER  
THE MINISTER OF AYUSH  
(SHRI SARBANANDA SONOWAL)**

(a) to (c) Public Health being a State subject, operationalization of AYUSH Health and Wellness Centres (AHWCs) in the districts of different State/UTs including Saran in Bihar and Odisha comes under the purview of respective State/UT Governments. However, under NAM, there is a provision of financial assistance to upgrade existing AYUSH dispensaries / sub health centres as AHWCs and State/UT Governments may avail financial assistance by submitting suitable proposals through their State Annual Action Plans (SAAPs). As per the proposals received from State/UT Governments through their SAAPs, consolidated grant-in-aid is being provided to them for the approved SAAPs. However, under NAM there is no provision for district-wise release of grants.

Further, as per the proposals received from State/UT Governments including Saran in Bihar and Odisha through their SAAPs, a total of 12,500 units of existing AYUSH dispensaries and sub

health centres have been approved to be upgraded as AHCs in the States/UTs. However, grant-in-aid has been released for 9,586 units as per DoE guidelines. As per the progress reports received from States/UTs including Saran in Bihar and Odisha, 5690 AYUSH HWCs have been made functional till date. The State/UT wise status of approved and functional AHCs is furnished in **Annexure I**. The State/UT wise funds allocated and released by Government to upgrade AYUSH dispensaries / sub health centres as AHCs during the last two years (2020-21&2021-22) is furnished at **Annexure II**.

(d) Under National Health Mission (NHM), Ministry of Health and Family Welfare (MoHFW), Teleconsultation services have been rolled out at Ayushman Bharat- Health and Wellness Centres (AB-HWCs) in rural and urban areas. MoHFW & Ministry of Ayush are working together to increase the access to AYUSH services at all AB-HWCs through Teleconsultation services. States/UTs have been requested to map various AYUSH facilities such as AYUSH hospitals & Colleges; AYUSH Collocated District Hospital (DH)/Community Health Centre (CHC)/Primary Health Centre (PHC) and AYUSH HWCs as AYUSH hubs for Teleconsultation and link the same with the operational AB-HWCs as spokes in the States/UTs.

**Annexure I****State/UT wise status of approved and functional AYUSH HWCs**

<b>Sl. No.</b>	<b>Name of the States/UTs</b>	<b>Total No. of approved AYUSH HWCs</b>	<b>Total No. of approved AYUSH HWCs (GIA released)</b>	<b>Functional AYUSH HWCs</b>
1	Andaman & Nicobar Island	6	6	6
2	Andhra Pradesh	203	110	126
3	Arunachal Pradesh	89	89	36
4	Assam	489	89	106
5	Bihar	388	268	83
6	Chandigarh	12	12	5
7	Chhattisgarh	400	240	284
8	Delhi	0	0	0
9	Dadra Nagar Haveli and Daman Diu	1	0	0
10	Goa	74	40	34
11	Gujarat	365	365	231
12	Haryana	569	569	369
13	Himachal Pradesh	740	740	240
14	Jammu & Kashmir	442	442	317
15	Jharkhand	745	745	249
16	Karnataka	376	376	176
17	Kerala	520	520	208
18	Ladakh	14	14	0
19	Lakshadweep	7	7	7
20	Madhya Pradesh	762	562	413
21	Maharashtra	390	294	281
22	Manipur	67	17	14
23	Meghalaya	45	45	0
24	Mizoram	38	38	24
25	Nagaland	49	49	24
26	Odisha	422	250	245
27	Puducherry	4	4	4

28	Punjab	217	217	0
29	Rajasthan	2019	1000	484
30	Sikkim	18	18	18
31	Tamil Nadu	650	350	250
32	Telangana	421	421	421
33	Tripura	84	84	0
34	Uttar Pradesh	1034	1034	570
35	Uttarakhand	300	300	194
36	West Bengal	540	271	271
<b>Total</b>		<b>12500</b>	<b>9586</b>	<b>5690</b>

**Annexure II**  
**State/UT wise status of Budget allocated for AYUSHHCs (Central Share)**

S. No.	Name of the States/UTs	2020-21	2021-22	Total (Rs. in Lakh)
		Amount released as central share	Amount released as central share	
1	Andaman & Nicobar Island	63.80	6.53	70.33
2	Andhra Pradesh	385.40	0.00	385.4
3	Arunachal Pradesh	478.85	180.85	659.7
4	Assam	347.15	231.66	578.81
5	Bihar	516.54	1,522.28	2038.82
6	Chandigarh	0.00	8.35	8.35
7	Chhattisgarh	1,172.40	234.48	1406.88
8	Delhi	0.00	0.00	0
9	Dadra Nagar Haveli and Daman Diu	0.00	0.00	0
10	Goa	65.99	218.99	284.98
11	Gujarat	244.01	205.508	449.518
12	Haryana	2,470.66	143.94	2614.6
13	Himachal Pradesh	494.94	1,081.80	1576.74
14	Jammu & Kashmir	889.69	462.40	1352.09
15	Jharkhand	0.00	1,309.77	1309.77
16	Karnataka	0.00	575.82	575.82
17	Kerala	215.10	153.00	368.1

18	Ladakh	0.00	55.10	55.1
19	Lakshadweep	19.61	3.46	23.07
20	Madhya Pradesh	2,813.80	2,085.20	4899
21	Maharashtra	0.00	0.00	0
22	Manipur	27.01	170.04	197.05
23	Meghalaya	247.97	141.69	389.66
24	Mizoram	332.29	193.84	526.13
25	Nagaland	662.15	90.38	752.53
26	Odisha	716.64	1,075.38	1792.02
27	Puducherry	0.00	1.44	1.44
28	Punjab	89.77	527.28	617.05
29	Rajasthan	2,276.40	3,039.00	5315.4
30	Sikkim	253.42	0.00	253.42
31	Tamilnadu	616.58	914.64	1531.22
32	Telangana	0.00	3,036.25	3036.25
33	Tripura	270.08	31.50	301.58
34	Uttar Pradesh	1,472.33	4,611.86	6084.19
35	Uttarakhand	656.46	2,556.72	3213.18
36	West Bengal	247.35	1,097.82	1345.17
	<b>Total</b>	<b>18,046.38</b>	<b>25,966.98</b>	<b>44013.368</b>

**GOVERNMENT OF INDIA  
MINISTRY OF AYUSH**

**LOK SABHA  
UNSTARRED QUESTION NO. 2913  
TO BE ANSWERED ON 17<sup>th</sup> March, 2023**

**“Ayurvedic Medicine Manufacturing Companies”**

**2913. SHRI JUAL ORAM:**

Will the Minister of AYUSH be pleased to state:

- (a) the number of new companies manufacturing Ayurvedic medicines which have been established during the last one year;
- (b) the details of States in which these manufacturing units have come up; and
- (c) the number of people employed in the Ayurvedic medicines manufacturing units across the country?

**ANSWER  
THE MINISTER OF AYUSH  
(SHRI SARBANANDA SONOWAL)**

(a) to (c) As prescribed in Drugs and Cosmetics Act 1940 and Rules 1945 made thereunder, enforcement of the legal provisions pertaining to Quality Control and issuance of drug license of Ayurveda, Siddha, Unani and Homoeopathy drugs, is vested with the State Drug Controllers/ State Licensing Authorities appointed by the concerned State/ Union Territory Government.

As per the information received from State/UT government, the State/ UT wise details of new companies manufacturing Ayurvedic medicines which have been established during the last one year and the number of people employed in the Ayurvedic medicines manufacturing units across the country are as follows –

S.no.	Name of the State/UT	No. of new manufacturing medicines, established during the last one year	No. of new companies Ayurvedic established during	No. of people employed in the Ayurvedic medicines manufacturing units across the country
45.	Tamil Nadu	28		As per Rule 157 (3) of the Drugs and Cosmetics Rules, 1945, the competent technical staff to direct and supervise the manufacture of Ayurvedic drugs shall have qualifications in Ayurveda.
46.	Assam	06		Average 10 in each manufacturing unit
47.	Odisha	09		309 people in 103 nos. of pharmacies
48.	Andhra Pradesh	08		53 members in the newly licensed 08 units
49.	Gujarat	70		No information available with State
50.	Uttara Pradesh	67		The manufacturing of ayurvedic drugs shall be conducted under the direction and supervision of four competent technical staff. Therefore, at least 264 people employed in the Ayurvedic medicines manufacturing units
51.	Karnataka	15		The total number of people employed in the Ayurvedic medicines manufacturing units in the state of Karnataka is 3238.
52.	Goa	01 in year 2021-22 and NIL in year 2022-23		394
53.	Puducherry	06		250
54.	Kerala	47		Atleast 10 employees are employed in every new firm and hence approximately 470 persons were employed in these new firms in 2022.
55.	Maharashtra	87		No information available with State
56.	Delhi	03		No information available with State
57.	West Bengal	31		Minimum 4 technical staffs are employed in each of the above mentioned mfg companies who had set up their units as per the provision of D&C Act,1940
58.	Punjab	34		3050 approximately



59.	Chandigarh	NIL	NIL
60.	Manipur	NIL	NIL
61.	Mizoram	NIL	NIL
62.	Lakshadweep	NIL	NIL
63.	Ladakh	NIL	NIL
64.	Tripura	NIL	NIL
65.	Jammu and Kashmir	Directorate of Ayush J&K has no mandate to register manufacturing units of Ayurvedic Medicine in the UT of J&K. There is no separate Ayush Drug Controlling Authority in J&K as well.	

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**GOVERNMENT OF INDIA  
MINISTRY OF AYUSH**

**LOK SABHA  
UNSTARRED QUESTIONNO.2929  
ANSWERED ON 17/03/2023**

**“Promotion of Herbal Cultivation”**

**†2929. SHRIMATI JYOTSNA CHARANDAS MAHANT:  
SHRIMATI GOMATI SAI:**

Will the Minister of AYUSH be pleased to state:

- a) whether the Government has taken initiative for promotion of herbal cultivation under the Atmanirbhar Bharat Scheme and if so, the details thereof;
- b) whether any specific financial allocation is provided or is being provided for such agriculture by identifying the area for herbal farming in the States under the said scheme and if so, the details thereof;
- c) whether any action plan has been formulated for promotion of herbal cultivation in Chhattisgarh; and
- d) if so, the details thereof and the financial assistance provided for the cultivation of priority medicinal plants in the ethno-medical botanical areas of Chhattisgarh during the last three years, year-wise?

## ANSWER

THE MINISTER OF AYUSH  
(SHRI SARBANANDA SONOWAL)

(a) & (b):No, Madam. The competent authority has decided to withdraw the Cabinet Note on PM Vriksh Ayush Yojana and further, it has been decided to not proceed with the proposal again.

A token amount of Rs. 1.00 crore was sanctioned for the financial year 2022-23 against the announced budget for promotion of Herbal Cultivation under Atmanirbhar Bharat Yojana. However, no activities were supported for herbal farming in the states under the said scheme as the Cabinet Note on PM Vriksh Ayush Yojana is withdrawn.

(c) & (d) No, Madam. However, National Medicinal plants Board, Ministry of Ayush, Government of India is implementing central sector scheme on “Conservation, Development and Sustainable Management of Medicinal Plants” wherein following activities are supported:

- i. *In-situ* conservation / *Ex-situ* conservation
- ii. Livelihood linkages with Joint Forest Management Committees (JFMCs) / Panchayats / Van Panchayats / Biodiversity Management Committees (BMCs) / Self Help Groups (SHGs).
- iii. IEC activities like Training / Workshops / Seminars/ Conferences etc.
- iv. Research & Development.
- v. Promotion, marketing and trade of medicinal plants produce.
- vi. Establishment of nurseries.

Under the “Central Sector Scheme on “Conservation, Development and Sustainable Management of Medicinal Plants”, National Medicinal Plants Board, Ministry of Ayush has released an amount of Rs. 290.40 lakh to the state of Chhattisgarhduring the last three years and current year.

**(Rs. in lakh)**

S.No.	State	2019-20	2020-21	2021-22	2022-23 (Current Year)	Total
1	Chhattisgarh	106.55	26.95	94.50	62.40	290.4

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**GOVERNMENT OF INDIA  
MINISTRY OF AYUSH**

**LOK SABHA  
UNSTARRED QUESTION No. 2932  
TO BE ANSWERED ON 17.03.2023**

**HOMOEOPATHIC MEDICINES**

**2932. SHRIGIRISHCHANDRA:**

Will the Minister of Ayush be pleased to state:

- (a) the number of Homoeopathic doctors in the country, State-wise;
- (b) whether there is standardized prescription of homoeopathic medicines throughout the country;
- (c) if so, the details thereof including the regulatory authority responsible for monitoring the standards; and
- (d) if not, the reasons therefor?

**ANSWER**

**THE MINISTER OF AYUSH  
(SHRI SARBANANDA SONOWAL)**

(a) The number of Homeopathic Registered Practitioners (Doctors) in the country, State-wise, as on 01.01.2021, as reported by State Boards/Councils is furnished at **Annexure – I**.

(b) & (c) Homoeopathic treatment is based on the totality of symptoms reported by the patient and customized to each of them. There are standardized methods for prescribing the Homoeopathic medicines, which are available in the Homoeopathic Literature based upon symptoms similarity. National Commission for Homoeopathy (NCH) regulates the ethics and practice of Homoeopathy. The regulations are published in the Official Gazette on 13<sup>th</sup> December 2022 called the National Commission for Homoeopathy (Professional Conduct, Etiquette and Code of Ethics for Practitioners of Homoeopathy) Regulations, 2022.

(d) Does not arise in view of above.

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**Annexure-I**

**State/UT wise Homoeopathy Registered Practitioners (Doctors) as on 01.01.2021**

<b>S.No.</b>	<b>States/UTs</b>	<b>No. of Homoeopathy Registered Practitioners</b>
<b>1</b>	<b>2</b>	<b>3</b>
1	Andhra Pradesh	2505
2	Arunachal Pradesh	350
3	Assam	1745
4	Bihar	34000
5	Chhattisgarh	2204
6	Delhi	5362
7	Goa	780
8	Gujarat	27365
9	Haryana	1891
10	Himachal Pradesh	1397
11	Jammu & Kashmir	483
12	Jharkhand	491
13	Karnataka	10237
14	Kerala	13619
15	Madhya Pradesh	20403
16	Maharashtra	75367
17	Manipur	0
18	Meghalaya	438
19	Mizoram	0
20	Nagaland	174
21	Odisha	10046
22	Punjab	4061
23	Rajasthan	8808
24	Sikkim	0
25	Tamil Nadu	6945
26	Telangana	5318
27	Tripura	669
28	Uttar Pradesh	35776
29	Uttarakhand	923
30	West Bengal	41039
31	A&N Islands	0
32	Chandigarh	184

33	D&N Haveli & Daman & Diu	0
34	Ladakh	0
35	Lakshadweep	0
36	Puducherry	0
	<b>TOTAL</b>	<b>312580</b>

**Source:** As reported by State Boards/Councils

**GOVERNMENT OF INDIA  
MINISTRY OF AYUSH**

**LOK SABHA  
UNSTARRED QUESTION NO-2955  
FOR 17.03.2023**

**YOGA DAY**

2955. **SHRI SUKHBIR SINGH JAUNAPURIA:**

Will the Minister of **Ayush** be pleased to state:

- (a) the number of places where yoga day was organized by the Government on June 21, 2022, State and district-wise;
- (b) the details of the yoga Kendras in operation during the last ten years;
- (c) the number of yoga teachers appointed during the last five years;
- (d) the funds released by the State and Central Governments to those yoga centres that are in operation in Tonk-SawaiMadhopur districts of Rajasthan; and
- (e) if so, the details thereof?

**ANSWER**

THE MINISTER OF AYUSH

(SHRI SARBANANDA SONOWAL)

(a): International Day of Yoga (IDY), 2022 was observed throughout the country in all states and districts. Various IDY related events were organized across the globe by multiple stakeholders. The main event of International Day of Yoga was observed at Mysuru, Karnataka. This event was led by Hon'ble Prime Minister, Shri Narendra Modi Ji. Common Yoga Protocol (CYP) demonstrations were also organised at 75 plus iconic locations across the country as part of Azadi Ka Amrit Mahotsav. The details of the iconic locations is furnished at Annexure.

(b) to (e): Since Public Health is a State subject, setting up/ managing Yoga Centres and appointing Yoga teachers come under the purview of respective State/ UT Governments. Ministry of Ayush

is not maintaining specific data related to functioning Yoga Centers in Tonk-SawaiMadhopur districts of Rajasthan.

\*\*\*

**Annexure**

<b>DETAILS OF ICONIC LOCATIONS</b>		
<b>Sl.No.</b>	<b>Iconic Sites</b>	<b>State</b>
1	Cellular Jail (South Andaman)	A&N Islands
2	SwarnaBharti Indoor Stadium(Vishakhapatnam)	Andhra Pradesh
3	Golden Pagoda (Namsai)	Arunachal Pradesh
4	Dong Village	Arunachal Pradesh
5	Rang Ghar, (Sivasagar)	Assam
6	Mahabodhi Temple	Bihar
7	NalandaMahavihara (Nalanda)	Bihar
8	Rock Garden (Chandigarh)	Chandigarh
9	Bhoramdeo Temple (Chouragaon, Kabirdham District)	Chhattisgarh
10	Diu Fort	Daman & Diu
11	JantarMantar (New Delhi)	Delhi
12	PuranaQila	Delhi
13	Red Fort Complex(Old Delhi)	Delhi
14	Churches and Convents of Goa (Old Goa)	Goa
15	Fort Agoda Museum	Goa
16	Statue of Unity (Kevadia)	Gujarat
17	Modhera Sun Temple (Modhera Village)	Gujarat
18	Dholavira (Kachchh)	Gujarat
19	Sabarmati River Front	Gujarat
20	Kurukshetra	Haryana
21	Rakhigarhi (Hisar)	Haryana
22	Kangra Fort	Himachal Pradesh
23	TiraSujanpur (Katoch Palace), Hamirpur	Himachal Pradesh
24	Parashar Lake (Mandi)	Himachal Pradesh
25	Atal Tunnel	Himachal Pradesh
26	Suchetgarh Border (Jammu)	Jammu & Kashmir
27	SKICC, Dal Lake (Srinagar)	Jammu & Kashmir
28	Martand Sun Temple (Anantnag)	Jammu & Kashmir



29	Khunti	Jharkhand
30	Group of Monuments at Hampi	Karnataka
31	Group of Monuments at Pattadakal	Karnataka
32	Halebeedu Temple Complex	Karnataka
33	GolGumbaz, Vijayapura	Karnataka
34	Kochi Fort(Kochi City of Ernakulam District)	Kerala
35	Padmanabha Temple	Kerala
36	Khree Sultan Cho Stadium, Kargil	Ladakh
37	Bangaram Island	Lakshadweep
38	Khajuraho Group of Monuments Chhatarpur, Madhya Pradesh	Madhya Pradesh
39	Maa Narmada UdgamSthal, Amarkantak	Madhya Pradesh
40	Fort Gwalior	Madhya Pradesh
41	Buddhist Monuments Sanchi Town, Raisen District, Madhya Pradesh	Madhya Pradesh
42	Tryambakeshwar Temple, Nasik	Maharashtra
43	Zero Milestone, Nagpur	Maharashtra
44	Marine Drive, Mumbai	Maharashtra
45	Phugewadi Metro Station, Pune	Maharashtra
46	Loktak Lake (Bishnupur)	Manipur
47	Nehu, Convocation Hall, (Shillong)	Meghalaya
48	R Dengthuama Indoor Stadium	Mizoram
49	Naga Heritage Village (Kohima)	Nagaland
50	SunTemple, KonarkPuri District	Odisha
51	Puri Beach	Odisha
52	MaaKishakeshwari Temple Site, KhichingMayurbhanj District Odisha	Odisha
53	Beach Promenade (Puducherry)	Puducherry
54	Wagah Border	Punjab
55	Sam Sand Dunes (Jaisalmer)	Rajasthan

56	JantarMantar(Jaipur)	Rajasthan
57	Hill Forts of Rajasthan (Kumbhalgarh)	Rajasthan
58	Enchey Monastery	Sikkim
59	Indian Air Force Base, Coimbatore	Tamil Nadu
60	Vivekananda Rock Memorial,Kanyakumari	Tamil Nadu
61	The Great Living Chola Temple (Thanjavur)	Tamil Nadu
62	Shore Temple Mahabalipuram	Tamil Nadu
63	Sulur Air Force Station, Coimbatore	Tamil Nadu
64	Parade Ground, Secunderabad	Telangana
65	Neermahal Palace (Sepahijala)	Tripura
66	Rama Temple Premises Ayodhya	Uttar Pradesh
67	FatehpurSikri	Uttar Pradesh
68	Hastinapur (Meerut)	Uttar Pradesh
69	Kushinagar Buddhist Temple	Uttar Pradesh
70	Residency Lucknow	Uttar Pradesh
71	Jaunpur Fort	Uttar Pradesh
72	HarkiPaudi(Haridwar)	Uttarakhand
73	Kedarnath Temple (Rudraprayag)	Uttarakhand
74	Nainital Lake	Uttarakhand
75	Mountain Railways of India (Darjeeling Himalayan Railways) Batasia Loop, Darjeeling	West Bengal
76	Shanti Niketan (Bolpur town)/Belur Math	West Bengal

**GOVERNMENT OF INDIA  
MINISTRY OF AYUSH**

**LOK SABHA  
UNSTARRED QUESTION NO.2958  
ANSWERED ON 17<sup>th</sup> MARCH , 2023**

## **Ayurvedic Hospitals in Uttar Pradesh**

2958. SHRI R. K. SINGH PATEL:

Will the Minister of AYUSH be pleased to state:

- (a) the number of new Government Ayurvedic hospitals constructed for the smooth functioning of health services in Uttar Pradesh, including Bundelkhand region;
- (b) the number of districts of Bundelkhand in Uttar Pradesh where new Government Ayurvedic hospitals have been constructed;
- (c) whether new Ayurvedic hospitals have been constructed or proposed to be constructed in Banda and Chitrakoot districts of Uttar Pradesh; and
- (d) if so, the details thereof?

**ANSWER**  
**THE MINISTER OF AYUSH**  
**(SHRI SARBANANDA SONOWAL)**

(a) to (d) Public Health being a State subject, construction of new Government Ayurvedic hospitals for the smooth functioning of health services in Uttar Pradesh, including Bundelkhand region, Banda and Chitrakoot districts comes under the purview of respective State Government. However, under the Centrally Sponsored Scheme of the National AYUSH Mission (NAM), there is a provision of financial assistance for setting up of 50/30/10 bedded Integrated AYUSH Hospitals including Ayurveda. Accordingly, State Government may avail financial assistance by submitting suitable proposal through State Annual Action Plan (SAAP) as per the provision of NAM guideline. Further, as per the proposals received from the State Govt. of Uttar Pradesh, the district-wise list of approved Integrated AYUSH Hospitals is furnished as **Annexure**.

**Annexure**

**The district-wise list of approved Integrated Ayush Hospitals in Uttar Pradesh under National AYUSH Mission from 2014-15 to 2021-22**

<b>S.No.</b>	<b>Location of the integrated Ayush Hospital</b>
1	Bulandshahar
2	Bilhour, Kanpur
3	West Katli, Lucknow
4	Badrasi, Varanasi
5	Nawab Ganj, Bareilly
6	Basti
7	Sirathu Kaushambi
8	Sonbhadra
9	Orai Jalaun
10	Sant Kabir Nagar
11	Saharanpur
12	Deoria
13	Lalitpur
14	Amethi
15	Kanpur Dehat
16	Firozpur, Balia District
17	Raebareli
18	Baghpat
19	Fatehpur
20	Shravasti
21	Unnao
22	Hardoi
23	Gorakhpur
24	Sambhal

**GOVERNMENT OF INDIA**

**MINISTRY OF AYUSH**

**LOK SABHA**

**UNSTARRED QUESTION NO. 2964**

**TO BE ANSWERED ON 17<sup>TH</sup> MARCH, 2023**

**Establishment of National Institute of Medicinal Plants**

**2964 SHRI VINAYAK RAUT:**

Will the Minister of AYUSH:

be pleased to refer to the answer given to Starred Question No. 57 in the Lok Sabha on 9th December, 2022 regarding the proposal for establishment of a National Institute of Medicinal Plants at Mauje Adali in Sindhudurg District of Maharashtra and state:

- (a) whether the Department of Expenditure, Ministry of Finance has accorded "in principle" approval for this project sought by the Ministry of AYUSH;
- (b) if so, the details thereof; and
- (c) the action taken/proposed to be taken by the Ministry of AYUSH for early execution of this project?

**ANSWER**

**THE MINISTER OF AYUSH**

**(SHRI SARBANANDA SONOWAL)**

**(a) to (c):** The National Institute of Medicinal Plants (NIMP) is proposed as new Autonomous Body and the proposal is under process.

**GOVERNMENT OF INDIA  
MINISTRY OF AYUSH**

**LOK SABHA  
UNSTARRED QUESTION NO.2965**

**ANSWERED ON 17<sup>th</sup> MARCH , 2023**

**Operational AYUSH Hospitals**

2965. SHRI SUNIL KUMAR:

Will the Minister of AYUSH be pleased to state:

- (a) the number of operational AYUSH hospitals at present in the country, State/UT-wise;
- (b) whether the Government proposes to set up AYUSH centres in Valmiki Nagar Parliamentary Constituency, Bihar;
- (c) if so, the details thereof; and
- (d) if not, the reasons therefor?

**ANSWER**

**THE MINISTER OF AYUSH  
(SHRI SARBANANDA SONOWAL)**

(a) The number of operational AYUSH hospitals at present in the country, State/UT-wise is furnished at **Annexure**.

(b) to (d) Public Health being a State subject, setting up of AYUSH centres in Valmiki Nagar Parliamentary Constituency Bihar comes under the purview of the respective State Government. However, under Centrally Sponsored Scheme of National AYUSH Mission (NAM), there is provision of financial assistance for setting up of 50 /30 /10 bedded integrated AYUSH hospitals. Accordingly, the State/UT Government may avail the financial assistance by submitting the suitable proposals through State Annual Action Plan (SAAP) as per the provision of NAM guidelines. Further, no such proposal has been received from State Government of Bihar to set up AYUSH centres in Valmiki Nagar Parliamentary Constituency through their State Annual Action Plan (SAAP).

## Annexure

## State /UT wise Number of AYUSH Hospitals as on 01.04.2021

<b>S. No.</b>	<b>State / UT</b>	<b>No. of AYUSH hospitals</b>
<b>A. States/Union Territories</b>		
1	Andhra Pradesh	8
2	Arunachal Pradesh	12
3	Assam	4
4	Bihar	8
5	Chhattisgarh	16
6	Delhi	6
7	Goa	2
8	Gujarat	40
9	Haryana	15
10	Himachal Pradesh	34
11	Jammu & Kashmir	11
12	Jharkhand	1
13	Karnataka	269
14	Kerala	165
15	Madhya Pradesh	77
16	Maharashtra	141
17	Manipur	25
18	Meghalaya	12
19	Mizoram	2
20	Nagaland	6
21	Odisha	10
22	Punjab	25
23	Rajasthan	138
24	Sikkim	6
25	Tamil Nadu	295
26	Tripura	7
27	Uttar Pradesh	1982
28	Uttarakhand	434
29	West Bengal	25
30	A&N Islands	3
31	Chandigarh	2
32	Dadra & Nagar Haveli and Daman & Diu	6
33	Ladakh	0
34	Lakshadweep	2
35	Puducherry	1

36	Telangana	11
	<b>TOTAL(A)</b>	<b>3801</b>
	B. CGHS & Central Government Organizations	43
	<b>TOTAL(A+B)</b>	<b>3844</b>

**GOVERNMENT OF INDIA  
MINISTRY OF AYUSH  
LOK SABHA  
UNSTARRED QUESTION NO. 2966  
ANSWERED ON 17.03.2023**

**Traditional Knowledge Digital Library**

2966. SHRI KURUVA GORANTLA MADHAV:

Will the Minister of AYUSH be pleased to state:

- (a) the details of the Traditional Knowledge Digital Library (TKDL) which has been set up as an Indian digital knowledge repository of the traditional knowledge;
- (b) the progress made in this regard along with the benefits realized therefrom; and
- (c) the details of other such measures taken/to be taken to protect the ancient and traditional knowledge of the country from exploitation through biopiracy and unethical patents?

**ANSWER  
THE MINISTER OF AYUSH  
(SHRI SARBANANDA SONOWAL)**

- (a) The Traditional Knowledge Digital Library (TKDL) is a prior art database of Indian traditional knowledge established in 2001, jointly by the Council of Scientific and Industrial Research (CSIR) and Department of Indian Systems of Medicine and Homeopathy (Dept. of ISM&H, now Ministry of AYUSH). The TKDL was established to



prevent misappropriation of Indian traditional knowledge (TK) by way of intellectual property rights. The TKDL currently contains information from ancient texts related to ISM such as Ayurveda, Unani, Siddha, Sowa Rigpa and Yoga. The information from ancient texts of medicine and health existing in local languages such as Sanskrit, Hindi, Arabic, Persian, Urdu, Tamil, Bhoti etc., have been transcribed into five international languages, namely English, French, German, Spanish and Japanese in the TKDL database. The TKDL thus serves as a robust prior art database of Indian TK information therewith offering the information in languages and format understandable by patent examiners at Patent Offices worldwide. The TKDL thus prevents erroneous grant of patents by patent offices. The access to this database is given to patent offices world-wide that have signed Non-disclosure Access Agreements with the CSIR, for search of TKDL evidences in the context of patent applications filed with them. The TKDL prior art database is currently available to 16 patent offices - including the Indian Patent Office (Controller General of Patents, Designs & Trade Marks), European Patent Office, US Patent Office, Japanese Patent Office, German Patent Office, Canadian Patent Office, Chile Patent Office, Australian Patent Office, UK Patent Office, Malaysian Patent Office, Russian Patent Office, Peru Patent Office, Spanish Patent & Trademark Office, Danish Patent and Trademark Office, National Industrial Property Institute (INPI, France) and Eurasian Patent Organization. In addition to the use of TKDL database by patent offices, the CSIR-TKDL Unit also files third party observations/pre-grant oppositions on patent applications that have relevance to Indian traditional knowledge. This defensive protection through TKDL has been effective in safeguarding Indian traditional knowledge from misappropriation, and is considered a global benchmark.

- (b) A total of 448764 ISM formulations including 127533 in Ayurveda, 240850 in Unani, 70158 in Siddha, and 5445 in Sowa Rigpa, and 4778 in Yoga techniques have been transcribed so far into the TKDL database. On the basis of TKDL evidences, so far, 283 patent applications have been either refused, amended or withdrawn/abandoned, thus protecting Indian traditional knowledge.

- (c) As per the national Biological Diversity (BD) Act, 2002, approval of the National Biodiversity Authority (NBA) is necessary before seeking any IPR based on biological material and associated knowledge obtained from India. Under the BD Act, 2002 and Rules thereunder, the NBA has also been pursuing efforts on Peoples Biodiversity Register (PBR). The register is a tool for formal recording and maintenance of comprehensive information on availability and knowledge of local biological resources, their medicinal or any other use. The CSIR-TKDL Unit has signed a Non-Disclosure Agreement with NBA for evaluating and identifying modalities for possible inclusion of information from the PBR into the TKDL database.

Under Section 3p of the Indian Patents Act, 1970, invention which in effect, is traditional knowledge or which is an aggregation or duplication of known properties of a traditionally known component or components, is non-patentable. In addition, the Patents Act, 1970 provides for disclosing the source and geographical origin of the biological material in the specification, when used in an invention and conveys the information to NBA, thereby facilitating compliance.

**GOVERNMENT OF INDIA**

**MINISTRY OF AYUSH**

**LOK SABHA**

**UNSTARRED QUESTION NO.-2975**

**ANSWERED ON 17<sup>th</sup> March, 2023**

**Enrollment Process in Darbhanga Ayurveda College**

**2975. SHRI GOPAL JEE THAKUR:**

Will the Minister of AYUSH be pleased to state:

- (a) whether the process of enrollment in the Ayurvedic College at Darbhanga in Bihar is closed;
- (b) whether a proposal has been sent by the Bihar Government to re-start the enrollment process; and

- (c) if so, the details thereof and the action taken/ proposed to be taken on the said proposal?

**ANSWER**

**MINISTRY OF AYUSH  
(SHRI SARBANANDA SONOWAL)**

- (f) Yes.
- (g) Government of Bihar has not submitted such proposal. However, Principal of Government Maharani Rameshwari Institute of India Medical Science Mohanpur & Kameshwar Singh Ayurvedic Hospital, Kameshwar Nagar, Darbhanga-846004, Bihar has submitted an application/scheme for seeking permission of Medical Assessment and Rating Board for Indian System of Medicine, National Commission for Indian System of Medicine to establish a new Ayurveda Medical College in the name of Government Maharani Rameshwari Institute of India Medical Science Mohanpur & Kameshwar Singh Ayurvedic Hospital, Kameshwar Nagar, Darbhanga Bihar-846004 under section 29 of NCISM Act 2020 from the academic session 2022-23.
- (h) After careful examination, denial of Letter of Intent (LoI) was issued to the college against the submitted proposal due to non-fulfillment of required minimum standards as per MSR, 2016.

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**GOVERNMENT OF INDIA  
MINISTRY OF AYUSH**

**LOK SABHA  
UNSTARRED QUESTION NO. 2987  
ANSWERED ON 17<sup>th</sup> March , 2023**

**AYUSH Treatment Facilities**

2987.SHRIMATI REKHA VERMA:

DR. NISHIKANT DUBEY:

SHRI JASWANT SINGH BHABHOR:

Will the Minister of AYUSH be pleased to state:

- (a) the details of schemes being run by the Government to provide AYUSH treatment facilities in the country;
- (b) the number of AYUSH hospitals/centres running at present in the country, State/UT-wise and streamwise;
- (c) whether the Government is considering setting up integrated AYUSH hospitals in each district headquarters of the country and if so, the details thereof, State/UT-wise including Uttar Pradesh and Jharkhand;
- (d) the budgetary allocation made under AYUSH Mission, State-wise; and
- (e) the total funds released under the Mission, State/UT-wise including Jharkhand?

**ANSWER**  
**THE MINISTER OF AYUSH**  
**(SHRI SARBANANDA SONOWAL)**

(a) Ministry of Ayush is implementing the Centrally Sponsored Scheme of National AYUSH Mission (NAM) through State/UT Governments and supporting their efforts to provide AYUSH treatment facility in the country by providing financial assistance to them under different activities as per the provision of NAM guidelines against their submitted State Annual Action Plans (SAAPs). The Mission inter-alia makes provision for the following activities: -

- (i) AYUSH Health & Wellness Centres
- (ii) Co-location of AYUSH facilities at Primary Health Centres (PHCs), Community Health Centres (CHCs) and District Hospitals (DHs)
- (iii) Upgradation of existing standalone Government AYUSH Hospitals
- (iv) Upgradation of existing Government/Panchayat/Government aided AYUSH Dispensaries/Construction of building for existing AYUSH Dispensary (Rented/ dilapidated accommodation)/Construction of building to establish new AYUSH Dispensary in the area where there are no AYUSH facilities available
- (v) Setting up of upto 10/30/50 bedded integrated AYUSH Hospitals
- (vi) Supply of essential drugs to Government AYUSH Hospitals, Government Dispensaries and Government/Government aided Teaching Institutional AYUSH Hospitals
- (vii) AYUSH Public Health Programmes
- (viii) Behaviour Change Communication (BCC)
- (ix) Mobility support at State and District level
- (x) AYUSH Gram
- (xi) Establishment of new AYUSH colleges in the States where availability of AYUSH teaching institutions is inadequate in Government Sector
- (xii) Infrastructural development of AYUSH Under-Graduate Institutions

(xiii) Infrastructural development of AYUSH Post-Graduate Institutions/ add on PG/ Pharmacy /Para-Medical Courses

(b) The number of AYUSH hospitals/ dispensaries running at present in the country, State/UT-wise and stream-wise is furnished at **Annexure-I**.

(c) Public Health being a State subject, setting up of integrated AYUSH hospitals in each district headquarters of the country including Uttar Pradesh and Jharkhand comes under purview of respective State/UT Governments. However, under NAM, there is provision of financial assistance for setting up of 50 /30 /10 bedded integrated AYUSH hospitals. Accordingly, the State/UT Governments may avail financial assistance by submitting suitable proposals through State Annual Action Plans (SAAPs). Under NAM, as per the proposals received from State/UT Governments through SAAPs, the State/UT-wise status of approved integrated AYUSH hospitals in the country including Uttar Pradesh and Jharkhand is furnished at **Annexure-II**.

(d) & (e) The State/UT- wise budgetary allocation and the total funds released under the Mission including Jharkhand is furnished at **Annexure-III**.

## Annexure-I

**Status of number of AYUSH Hospitals and Dispensaries functional across the country,  
State/UT-wise and stream-wise**

## (i) State wise/System wise Number of Ayush Hospitals as on 01.04.2021

Sl. No.	State/UT	Ayurveda	Unani	Siddha	Yoga	Naturopathy	Homoeopathy	Sowa-Rigpa	Total
1	Andhra Pradesh	3	2	0	0	0	3	0	8
2	Arunachal Pradesh	10	0	0	0	0	2	0	12
3	Assam	1	0	0	0	0	3	0	4
4	Bihar	5	1	0	0	0	2	0	8
5	Chhattisgarh	11	1	0	1	0	3	0	16
6	Delhi	2	2	0	0	0	2	0	6
7	Goa	1	0	0	0	0	1	0	2
8	Gujarat	39	0	0	0	0	1	0	40
9	Haryana	13	1	0	0	0	1	0	15
10	Himachal Pradesh	33	0	0	0	1	0	0	34
11	Jammu & Kashmir	4	4	0	0	0	3	0	11
12	Jharkhand	0	0	0	0	0	1	0	1
13	Karnataka	193	23	0	0	18	35	0	269
14	Kerala	129	0	1	0	1	34	0	165
15	Madhya Pradesh	41	4	0	0	6	26	0	77
16	Maharashtra	78	7	0	0	0	56	0	141
17	Manipur	6	5	0	5	0	9	0	25
18	Meghalaya	4	0	0	0	0	8	0	12
19	Mizoram	1	0	0	0	0	1	0	2
20	Nagaland	2	0	0	2	0	2	0	6
21	Odisha	6	0	0	0	0	4	0	10
22	Punjab	21	1	0	0	0	3	0	25
23	Rajasthan	118	11	0	1	2	6	0	138
24	Sikkim	2	0	0	1	0	2	1	6
25	Tamil Nadu	2	1	289	2	0	1	0	295
26	Tripura	3	0	0	1	0	3	0	7
27	Uttar Pradesh	1788	183	0	0	0	11	0	1982
28	Uttarakhand	431	3	0	0	0	0	0	434
29	West Bengal	6	2	0	0	0	16	1	25

30	Andaman & Nicobar Islands	1	0	0	1	0	1	0	3
31	Chandigarh	1	0	0	0	0	1	0	2
32	Dadra & Nagar Haveli and Daman & Diu	2	0	0	2	0	2	0	6
33	Ladakh	0	0	0	0	0	0	0	0
34	Lakshadweep	1	0	0	0	0	1	0	2
35	Puducherry	1	0	0	0	0	0	0	1
36	Telangana	4	3	0	0	1	3	0	11
	<b>Total</b>	<b>2963</b>	<b>254</b>	<b>290</b>	<b>16</b>	<b>29</b>	<b>247</b>	<b>2</b>	<b>3801</b>

Source: As reported by State Governments/ UTs.

**(ii) State wise/System wise Number of AYUSH Dispensaries as on 01.04.2021**

Sl. No.	State / UT	Ayurveda	Unani	Siddha	Yoga	Naturopathy	Homoeopathy	Sowa Rigpa	Total
1	Andhra Pradesh	372	90	0	0	23	244	0	729
2	Arunachal Pradesh	33	1	0	0	0	100	2	136
3	Assam	524	0	0	0	0	87	0	611
4	Bihar	799	333	0	0	0	458	0	1590
5	Chhattisgarh	956	26	0	0	0	112	0	1094
6	Delhi	49	22	0	0	0	107	0	178
7	Goa	119	0	0	0	0	67	0	186
8	Gujarat	567	0	0	0	0	273	0	840
9	Haryana	513	19	0	0	0	23	0	555
10	Himachal Pradesh	1183	3	0	0	0	14	4	1204
11	Jammu & Kashmir	298	257	0	0	0	16	0	571
12	Jharkhand	305	115	0	1	0	213	0	634
13	Karnataka	7432	89	1	0	22	96	0	7640
14	Kerala	1041	16	34	0	1	1078	0	2170
15	Madhya Pradesh	1496	64	0	0	0	213	0	1773
16	Maharashtra	462	24	0	0	0	0	0	486
17	Manipur	0	0	0	0	0	1	0	1
18	Meghalaya	40	0	0	2	0	55	0	97
19	Mizoram	2	0	0	0	0	28	0	30
20	Nagaland	10	0	0	2	0	34	0	46

21	Odisha	620	9	0	0	0	562	0	<b>1191</b>	
22	Punjab	774	34	0	1	0	225	0	<b>1034</b>	
23	Rajasthan	3581	262	0	0	3	248	0	<b>4094</b>	
24	Sikkim	1	0	0	0	0	12	0	<b>13</b>	
25	Tamil Nadu	101	65	790	174	0	108	0	<b>1238</b>	
26	Tripura	37	0	0	0	0	73	0	<b>110</b>	
27	Uttar Pradesh	2112	73	0	0	0	1576	0	<b>3761</b>	
28	Uttarakhand	411	2	0	0	0	148	0	<b>561</b>	
29	West Bengal	567	8	0	0	0	1857	4	<b>2436</b>	
30	Andaman & Nicobar Islands	13	0	0	6	0	18	0	<b>37</b>	
31	Chandigarh	15	2	0	0	0	15	0	<b>32</b>	
32	Dadra & Nagar Haveli and Daman & Diu	10	0	0	0	0	9	0	<b>19</b>	
33	Ladakh	9	9	0	0	0	2	24	<b>44</b>	
34	Lakshadweep	9	0	0	0	0	9	0	<b>18</b>	
35	Puducherry	28	0	26	4	0	17	0	<b>75</b>	
36	Telangana	423	184	0	0	28	199	0	<b>834</b>	
	<b>Total</b>	<b>2491</b>	<b>2</b>	<b>1707</b>	<b>851</b>	<b>190</b>	<b>77</b>	<b>8297</b>	<b>34</b>	<b>3606</b>
										<b>8</b>

Source:As reported by State Governments/ UTs.



## Annexure-II

**State/UT-wise, status of approved integrated AYUSH Hospitals from 2014-15 to 2021-22  
under NAM**

Sl. No.	State/UT	No of approved Hospitals	Location of 50/30/10 bedded integrated AYUSH Hospital
1.	Andaman Nicobar Islands	1	Port Blair
2.	Andhra Pradesh	2	Kakinada Visakhapatnam
3.	Assam	2	Goalpara Majuli
4.	Bihar	1	Patna
5.	Chandigarh	1	Chandigarh
6.	Chhattisgarh	13	Champa Mahasamund Koria Korba Kanker Narayanpur Bijapur Dantewada Raipur Bilaspur Durg Sarguja District Headquarter DalliRajhara
7.	Goa	1	South Goa
8.	Haryana	1	Hisar
9.	Himachal Pradesh	2	Kullu Mandi
10.	Jammu & Kashmir	5	Kishtwar Kupwara Bilawar Kulgam Samba
<b>11.</b>	<b>Jharkhand</b>	<b>1</b>	<b>Ranchi</b>
12.	Karnataka	2	Gadag Mangalore
13.	Kerala	2	Chalaky, Thrissur Mattannur, Kannur

14.	Lakshadweep	1	Kavaratti
15.	Maharashtra	4	Nandurbar
			Sindhudurg
			Pune
			Ahmednagar
16.	Manipur	4	Moreh, Chandel District
			Churancandpur
			KwakeithelKonjengLeikai
			Keirao AC, Imphal East District
17.	Madhya Pradesh	7	Bhopal
			Indore
			Narsinghpur
			Amarkantak
			Mandleshwar
			Balaghat
			Sehore
18.	Meghalaya	2	Sohra (Cherapunje), CHC, East Khasi Hills
			Umtrew, RiBhoi District
19.	Mizoram	1	Aizwal
20.	Nagaland	4	Noklak, Tuensang District
			Razha, Chedema
			Sapangya (Chungtia)
			Yachem, Longleng
21.	Odisha	3	Dhenkanal
			Behrampur
			Balasore
22.	Puducherry	2	Villanur
			Yanam
23.	Punjab	2	Moga
			DayalpurSodhiaZirakpur
24.	Rajasthan	6	Bhilwara
			Ajmer
			Churu
			Bikaner
			Jaipur
			Sikar
25.	Sikkim	1	Kyongsa, West Sikkim
26.	Tamil Nadu	3	Theni
			Thiruvannamalai
			Pudukkottai
27.	Telangana	3	Anantgiri,Vikarabad, RangareddyDistt.

			Bhupalpalli(V&M),JayashankarBhupalpalli District.
			Siddipet Head Quarters
28.	Tripura	2	Paradise Chowmuhani, Agartala
			Belonia
29.	Uttar Pradesh	24	<b>Bulandshahar</b>
			<b>Bilhour, Kanpur</b>
			<b>West Katli, Lucknow</b>
			<b>Badrasi, Varanasi</b>
			<b>NawabGanj, Bareilly</b>
			<b>Basti</b>
			<b>SirathuKaushambi</b>
			<b>Sonbhadra</b>
			<b>OraiJalaun</b>
			<b>SantKabir Nagar</b>
			<b>Saharanpur</b>
			<b>Deoria</b>
			<b>Lalitpur</b>
			<b>Amethi</b>
			<b>Kanpur Dehat</b>
			<b>Firozpur, Balia District</b>
			<b>Raebareli</b>
			<b>Baghpat</b>
			<b>Fatehpur</b>
			<b>Shravasti</b>
			<b>Unnao</b>
			<b>Hardoi</b>
			<b>Gorakhpur</b>
			<b>Sambhal</b>
30.	Uttarakhand	3	Haldwani
			Jakhnidhar, Tehri
			Tanakpur, Champawat
31.	West Bengal	2	Tapsikhata, Alipurduar District
			PaschimMidnapore
<b>TOTAL</b>		<b>108</b>	

**Annexure-III****The State/UT- wise budgetary allocation and the total funds released for the year 2014-15 to 2021-22 under NAM****(Rs. in Lakh)**

<b>S. No</b>	<b>Name of States/UTs</b>	<b>Amount approved/ allocated</b>	<b>Central Share released</b>
1	Andaman & Nicobar Islands	2173.355	2080.100
2	Andhra Pradesh	12019.885	7578.053
3	Arunachal Pradesh	3811.103	3429.959
4	Assam	10475.719	9428.148
5	Bihar	11551.331	6930.799
6	Chandigarh	1343.064	1343.064
7	Chhattisgarh	14040.452	8590.405
8	Dadra & Nagar Haveli and Daman & Diu	533.065	484.248
9	Delhi	859.407	726.305
10	Goa	2590.525	1554.315
11	Gujarat	14086.717	8634.008
12	Haryana	16227.703	9859.177
13	Himachal Pradesh	8287.642	7464.261
14	Jammu & Kashmir	10525.581	9424.333
15	Jharkhand	5617.108	3504.811
16	Karnataka	22162.666	13706.542
17	Kerala	19696.410	12145.233
18	Ladakh	187.454	187.454
19	Lakshadweep	1392.009	1273.439
20	Madhya Pradesh	40661.579	25176.602
21	Maharashtra	13572.329	8439.518
22	Manipur	7218.178	6504.988
23	Mizoram	4064.729	3658.254
24	Meghalaya	3618.580	3256.723
25	Nagaland	7095.019	6385.517
26	Odisha	14076.102	8710.175
27	Puducherry	1779.404	1546.046
28	Punjab	8291.534	5091.974
29	Rajasthan	37222.811	23051.306
30	Sikkim	3088.208	2779.386
31	Tamil Nadu	20237.298	12142.379
32	Telangana	13777.362	8564.064

33	Tripura	3678.134	3317.532
34	Uttar Pradesh	103725.763	63247.548
35	Uttarakhand	10964.222	9873.847
36	West Bengal	18955.631	11856.334
<b>Total</b>		<b>469608.080</b>	<b>311946.847</b>

GOVERNMENT OF INDIA  
MINISTRY OF AYUSH  
**LOK SABHA**  
**UNSTARRED QUESTION NO.-2884**  
ANSWERED ON 17/03/2023

**Ayurvedic Colleges**

**2884: SHRI JAYANT SINHA:**

Will the Minister of Ayush be pleased to state:-

- a) the number of Ayurvedic colleges in the country along with the number of graduate and post-graduate seats and their percentage vacancy, year-wise since 2016-17, State/UT-wise and district-wise in Jharkhand;
- b) the details of the research productivity of the aforementioned colleges, including number of Intellectual Property Rights granted, number of successful industry technology transfers and number of new medicines developed, year-wise since 2016-17; and
- c) Whether the Government has plans to set up more such colleges, if so, the details thereof?

**ANSWER**  
**MINISTRY OF AYUSH**  
**(SARBANANDA SONOWAL)**

- (b) As on dated 13.03.2023, there are Four Hundred Fifty Seven(457) Ayurvedic Colleges functioning in the country. The details of Ayurveda Colleges and the number of seats available at the Graduate/Post-Graduate levels in the country, State-wise/UT –wise and district wise in Jharkhand since 2016-17 are placed at **Annexure-I**.
- (b) The research work done in Post- Graduate Ayurvedic Colleges termed as Dissertation which is a part of Curriculum activity as per syllabus of M.D/M.Sin Ayurveda and as per the provisions

laid down in PG Regulations, 2016. Each Ayurveda-PG scholar mandatorily has to undertake dissertation work duly approved by Institutional Ethics Committee and registering the same in the Clinical Trial Registry of India prospectively, for obtaining the PG degree. The subject of every dissertation shall be research oriented; practical oriented, innovative and helpful in the development of Ayurveda system and the subject of the dissertation shall have relation with the subject matter of the specialty of PG course. Majority of the Clinical PG dissertation works undertaken by the PG scholars are to revalidate the Ayurvedic formulations documented in various Ayurvedic authoritative texts as listed in the First Schedule of the Drug and Cosmetics Act, 1940. The PG dissertation works are undertaken relatively on a smaller sample size and further studies on larger sample may be undertaken at Ph.D. level.

In addition to this, Government of India has established Central Council for Research in Ayurvedic Sciences, an autonomous body under the Ministry of Ayush as an apex organization for undertaking, coordinating, formulating, developing and promoting research in Ayurvedic sciences on scientific lines. The activities are carried out through 30 Institutes/Centers/Units located across the country and also through collaborative studies with various Universities, Hospitals and institutes. CCRAS is also continuously engaged in development of new Ayurvedic drugs. The details of Successful Industry Technology transfers since 2016-17 are appended at **Annexure –II**.

- (c) The Public Health being a State subject, setting up of Ayush Medical Colleges in the Country comes under the purview of respective State/UT Governments. However, under Centrally Sponsored Scheme of National AYUSH Mission (NAM), there is provision of financial assistance for establishment of new AYUSH Colleges in the States where availability of Ayush teaching institutions is inadequate in Government Sector. State/UT Governments may avail eligible financial assistance by projecting the same through State Annual Action Plans (SAAPs) as per the provisions of NAM guidelines. Further, under NAM, Ministry of Ayush has approved 03 units of New Ayurveda Educational Institutions as per the proposals received from State/UT Governments. The State/UT wise list of approved New Ayurveda Educational Institutions is furnished at **Annexure-III**.

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**GOVERNMENT OF INDIA**

**MINISTRY OF AYUSH**

**LOK SABHA**

**UNSTARRED QUESTION NO. 3933**

**ANSWERED ON 24/03/2023**

**“Promotion of Medicinal Plants and Herbs”**

**3933. SHRI AJAY KUMAR MANDAL:**

**SHRI SUNIL KUMAR PINTU:**

**SHRIMATI NAVNEET RAVI RANA:**

**SHRI RAMESH CHANDER KAUSHIK:**

Will the Minister of *Ayush* be pleased to state:

- (a) the details of the financial assistance extended for promotion of medicinal plants and herbs in the country during the last three years, State-wise;
- (b) the quantity of medicinal plants exported during the said period;
- (c) the measures taken to promote the production of medicinal plants and herbs in the country; and
- (d) the details of the centrally sponsored schemes to encourage farmers for cultivation of medicinal plants and the funds spent thereon during last three years, State-wise?

**ANSWER**

THE MINISTER OF AYUSH  
(SHRI SARBANANDA SONOWAL)

**a)** National Medicinal Plants Board (NMPB), Ministry of Ayush has provided financial assistance in project mode to various institutes/organizations for promotion of medicinal plants through Central Sector Scheme on “Conservation, Development and Sustainable Management of Medicinal Plants” wherein following activities on medicinal plants are supported:

- (i) In-situ conservation / Ex-situ conservation
- (ii) Livelihood linkages with Joint Forest Management Committees (JFMCs)/Panchayats/Van Panchayats/Biodiversity Management Committees (BMCs)/Self Help Group (SHGs).
- (iii) IEC activities like Training / Workshops / Seminars / Conferences etc.
- (iv) Research & Development.
- (v) Promotion, marketing and trade of medicinal plants produce.
- (vi) Establishment of nurseries.

Details of projects supported by NMPB for various activities through project mode on different aspects of medicinal plants like Conservation, Cultivation, post-Harvest Management, Marketing, R&D and IEC activities during the last three years (from the financial year 2019-20 to 2021-22) are placed at **Annexure-I**.

**b)** India's export of medicinal plants under principle commodity groups: AYUSH AND HERBAL PRODUCTS during last three Financial Years (FY 2019-20 to FY 2021-22) and current Financial Year FY 2022-23 (upto January, 2023) are as below:

YEAR	QTY (TON)	VAL (MILL US \$)
2019-20	92241.99	428.08
2020-21	120558.43	539.88
2021-22	126112.13	612.12
2021-22 (Till Jan,22)	104224.71	497.35
2022-23 (Till Jan,23)	100101.19	518.44

(Source: Ministry of Commerce and Industry DGCI&S vide email dated 21.03.2023)

**(c) & (d)** Ministry of Ayush, Government of India had implemented Centrally Sponsored Scheme of National Ayush Mission (NAM) to promote the cultivation of medicinal plants since 2015-16 to 2020-21. Under 'Medicinal Plants' component of the National Ayush Mission Scheme, market driven cultivation of 140 prioritized medicinal plants in identified clusters/zones was supported and implemented in a mission mode through selected State Implementing agencies throughout the country . As per the scheme guidelines, the support was provided for:

- (i) Cultivation of prioritized medicinal plants on farmer's land.
- (ii) Establishment of nurseries with backward linkages for raising and supply of quality planting material.
- (iii) Post-harvest management with forwarding linkages.
- (iv) Primary processing, marketing infrastructure etc.

Ministry of Ayush, Government of India under medicinal plants component of Centrally Sponsored Scheme of National AYUSH Mission (NAM) had provided financial assistance in form of subsidy to encourage the farmers for cultivation of medicinal plants throughout the country from the F.Y. 2015-16 to 2020-21. The cultivation activities were implemented through the identified implementing agency of concerned state as per the State Annual Action Plan approved for concerned State. Till date, Ministry of Ayush has supported 56,305 hectare area under cultivation of medicinal plants species throughout the country from the financial year 2015-16 to 2020-21. The state-wise detail of area covered under cultivation is given at **Annexure – II**.



The Ministry of Ayush had provided an amount of Rs. 4181.45 lakh to encourage farmers for cultivation of medicinal plants under medicinal plants component of National Ayush Mission (NAM) scheme throughout the country. The state-wise and year wise detail during the last three years (from 2019-20 to 2021-22) is given at **Annexure-III**.

## Annexure – I

<b>Ministry of Ayush</b>				
<b>National Medicinal Plants Board</b>				
<b>Grant-in-Aid released during the last three year in respect to Central Sector Scheme for Conservation, Development and Sustainable Management of Medicinal Plants</b>				
<b>(Rs. in Lakhs)</b>				
<b>S. No.</b>	<b>State</b>	<b>2019-20</b>	<b>2020-21</b>	<b>2021-22</b>
		<b>Released Amount</b>	<b>Released Amount</b>	<b>Released Amount</b>
1	Andhra Pradesh	349.05	231.33	26.78
2	Arunachal Pradesh	5.00	8.53	29.13
3	Assam	188.72	90.50	279.59
4	Bihar	0.00	24.19	0.00
5	Chhattisgarh	106.55	26.95	94.50
6	Delhi	310.61	184.80	51.65
7	Goa	30.83	0.00	0.00
8	Gujarat	169.99	554.05	636.37
9	Haryana	0.00	296.28	35.44
10	Himachal Pradesh	246.87	119.45	128.77
11	Jammu & Kashmir	157.68	50.24	183.32
12	Jharkhand	6.73	0.00	2.40
13	Karnataka	86.26	159.58	527.65
14	Kerala	224.88	238.35	194.38
15	Madhya Pradesh	87.49	118.37	127.62
16	Maharashtra	266.41	246.36	99.88
17	Manipur	377.25	134.48	27.70
18	Meghalaya	20.00	0.00	0.00
19	Mizoram	55.00	99.59	212.30
20	Nagaland	0.00	24.00	25.00
21	Odisha	35.21	40.60	61.25
22	Punjab	295.12	37.58	26.26
23	Rajasthan	375.94	147.26	24.40
24	Sikkim	281.89	4.20	66.22
25	Tamil Nadu	94.35	228.37	161.31
26	Telangana	361.05	126.39	37.12
27	Tripura	120.00	261.39	25.00
28	Uttarakhand	237.59	65.78	51.22
29	Uttar Pradesh	140.88	88.45	404.53

30	West Bengal	214.79	177.61	154.02
31	Andaman & Nicobar	0.00	15.00	0.00
32	Chandigarh	0.00	15.32	28.00
33	D&N Haveli	0.00	0.00	0.00
34	Daman & Diu	0.00	0.00	0.00
35	Lakshadweep	0.00	0.00	26.17
36	Pondicherry	0.00	5.00	21.40
37	Ladakh	0.00	27.00	0.00
<b>Total</b>		<b>4846.14</b>	<b>3847.00</b>	<b>3769.38</b>

**Annexure-II**

**Area supported for cultivation of medicinal plants under medicinal plants component of National AYUSH Mission (NAM) scheme from the F.Y. 2015-16 to 2020-21.**

(Area in hectare)								
S.No.	State	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Total
1	Andhra Pradesh	447	1160	897	508	1338	0	<b>4350</b>
2	Arunachal Pradesh	0	142	71	9	44	98	<b>364</b>
3	Assam	0	261	225	138	0	0	<b>624</b>
4	Bihar	0	0	0	0	175	0	<b>175</b>
5	Chhattisgarh	0	220	72	108	0	0	<b>400</b>
6	Goa	0	23	30	30	30	0	<b>113</b>
7	Gujarat	141	192	85	518	0	0	<b>936</b>
8	Haryana	175	245	0	0	0	0	<b>420</b>
9	Himachal Pradesh	39	120	7	0	70	0	<b>236</b>
10	Jammu & Kashmir	9	34	21	24	28	25	<b>141</b>
11	Karnataka	529	706	769	469	353	1100	<b>3926</b>
12	Kerala	258	535	736	410	0	330	<b>2269</b>
13	Madhya Pradesh	1681	2518	2030	1262	790	4270	<b>12551</b>
14	Maharashtra	327	0	444	0	520	0	<b>1290</b>
15	Manipur	142	242	142	60	30	0	<b>616</b>
16	Meghalaya	0	48	22	0	108	0	<b>178</b>
17	Mizoram	59	27	65	187	6	29	<b>373</b>
18	Nagaland	51	138	250	103	0	210	<b>752</b>
19	Orissa	0	488	0	378	0	0	<b>866</b>
20	Pondicherry	0	43	0	2	5	0	<b>50</b>
21	Punjab	0	242	0	16	340	0	<b>598</b>
22	Rajasthan	330	1163	1341	519	760	0	<b>4113</b>
23	Sikkim	63	32	84	0	0	58	<b>237</b>
24	Tamil Nadu	633	960	673	765	900	0	<b>3931</b>
25	Telangana	345	294	457	237	341	0	<b>1674</b>
26	Tripura	45	0	0	211	0	0	<b>256</b>
27	Uttarakhand	153	148	183	110	208	0	<b>802</b>
28	Uttar Pradesh	3188	1898	1345	3633	0	2236	<b>12300</b>
29	West Bengal	107	230	417	261	748	0	<b>1764</b>
<b>TOTAL</b>		<b>8722</b>	<b>12109</b>	<b>10366</b>	<b>9958</b>	<b>6794</b>	<b>8356</b>	<b>56305</b>

**Annexure - III****Details of fund approved/released for cultivation of medicinal plants under National Ayush Mission scheme from the financial year 2019-20 to 2020-21.****(Rs. in lakh)**

<b>S.No.</b>	<b>State</b>	<b>2019-20</b>	<b>2020-21</b>	<b>2021-22</b>	<b>Total</b>
1	Andhra Pradesh	220.408	0	<b>NIL</b>	<b>220.408</b>
2	Arunachal Pradesh	26.255	59.5		<b>85.755</b>
3	Assam	0	0		<b>0</b>
4	Bihar	74.487	0		<b>74.487</b>
5	Chhattisgarh	0	0		<b>0</b>
6	Goa	9.742	0		<b>9.742</b>
7	Gujarat	0	0		<b>0</b>
8	Haryana	0	0		<b>0</b>
9	Himachal Pradesh	54.444	0		<b>54.444</b>
10	Jammu & Kashmir	18.288	21.539		<b>39.827</b>
11	Karnataka	114.673	359.881		<b>474.554</b>
12	Kerala	0	101.112		<b>101.112</b>
13	Madhya Pradesh	287.873	853.736		<b>1141.61</b>
14	Maharashtra	285.356	0		<b>285.356</b>
15	Manipur	15.829	0		<b>15.829</b>
16	Meghalaya	31.526	0		<b>31.526</b>
17	Mizoram	0.954	10.304		<b>11.258</b>
18	Nagaland	0	75.482		<b>75.482</b>
19	Orissa	0	0		<b>0</b>
20	Puducherry	0.783	0		<b>0.783</b>
21	Punjab	66.154	0		<b>66.154</b>
22	Rajasthan	327.848	0		<b>327.848</b>
23	Sikkim	0	40.989		<b>40.989</b>
24	Tamil Nadu	260.995	0		<b>260.995</b>
25	Telangana	65.748	0		<b>65.748</b>
26	Tripura	0	0		<b>0</b>
27	Uttarakhand	133.595	0		<b>133.595</b>
28	Uttar Pradesh	0	503.012		<b>503.012</b>
29	West Bengal	160.933	0		<b>160.933</b>
<b>TOTAL</b>		<b>2155.89</b>	<b>2025.56</b>		<b>4181.45</b>

**GOVERNMENT OF INDIA  
MINISTRY OF AYUSH**

**LOK SABHA  
UNSTARRED QUESTION NO.3946  
ANSWERED ON 24<sup>th</sup> MARCH, 2023**

**Establishment of Health & Wellness Centres**

3946. SHRI LAVU SRI KRISHNA  
DEVARAYALU:

Will the Minister of AYUSH be pleased to state:

- (l) whether the Government has set the target of establishing 12,500 AYUSH Health and Wellness Centres in the country by 2023-24;
- (m) if so, the progress made therein so far, with a particular reference to Andhra Pradesh; and
- (n) if not, the reasons therefor?

**ANSWER  
THE MINISTER OF AYUSH  
(SHRI SARBANANDA SONOWAL)**

(a) to (c) Yes, The Central Government has set the target of establishing 12,500 AYUSH Health and Wellness Centres (AHWCs) by upgrading existing AYUSH Dispensaries and Sub health centers through State/UT Governments as a component of the Centrally Sponsored Scheme of National AYUSH Mission (NAM) in a phased manner by the year 2023-24. As per the proposals received from State/UT Governments including Andhra Pradesh through their State Annual Action Plans (SAAPs), a total of 12,500 units of existing AYUSH dispensaries and sub health centres have been approved to be upgraded as AHWCs. However, grant-in-aid has been released for 9,889 units as per the Department of Expenditure guideline. As per the progress reports received from States/UTs, 5805 AHWCs have been made functional till date. The State/UT wise status of approved and functional AHWCs is furnished in **Annexure**.

## Annexure

**State/UT wise status of approved and functional AYUSH HWCs**

Sl. No.	Name of the States/UTs	Total No. of approved AYUSH HWCs	Total No. of approved AYUSH HWCs (GIA released)	Functional AYUSH HWCs
1	Andaman & Nicobar Island	6	6	6
2	<b>Andhra Pradesh</b>	<b>203</b>	<b>110</b>	<b>126</b>
3	Arunachal Pradesh	89	89	36
4	Assam	489	89	210
5	Bihar	388	268	83
6	Chandigarh	12	12	5
7	Chhattisgarh	400	240	284
8	Delhi	0	0	0
9	Dadra Nagar Haveli and Daman Diu	1	0	0
10	Goa	74	74	34
11	Gujarat	365	365	231
12	Haryana	569	569	369
13	Himachal Pradesh	740	740	240
14	Jammu & Kashmir	442	442	317
15	Jharkhand	745	745	249
16	Karnataka	376	376	176
17	Kerala	520	520	208
18	Ladakh	14	14	0
19	Lakshadweep	7	7	7
20	Madhya Pradesh	762	562	416
21	Maharashtra	390	294	281
22	Manipur	67	17	14
23	Meghalaya	45	45	0
24	Mizoram	38	38	24
25	Nagaland	49	49	32
26	Odisha	422	250	245
27	Puducherry	4	4	4
28	Punjab	217	217	0
29	Rajasthan	2019	1000	484
30	Sikkim	18	18	18
31	Tamil Nadu	650	350	250
32	Telangana	421	421	421
33	Tripura	84	84	0
34	Uttar Pradesh	1034	1034	570
35	Uttarakhand	300	300	194
36	West Bengal	540	540	271
<b>Total</b>		<b>12500</b>	<b>9889</b>	<b>5805</b>

**GOVERNMENT OF INDIA  
MINISTRY OF AYUSH**

**LOK SABHA  
UNSTARRED QUESTION NO.3969  
ANSWERED ON 24<sup>th</sup> March , 2023**

**Integrated AYUSH Hospitals**

3969.SHRI P. RAVINDHRANATH:

Will the Minister of AYUSH be pleased to state:

- (a) the status of implementation of the Centrally Sponsored Scheme of National AYUSH Mission(NAM) for setting up of 50 bedded integrated AYUSH hospitals and upgradation of exclusive standalone AYUSH hospitals, across the country till date, State/UT-wise; and
- (b) the steps taken by the Government to increase the awareness, across the country, among those aspirants who opt for traditional medicine in the AYUSH stream-Siddha, Ayurveda, Unani and Homoeopathy under graduate courses, after their higher secondary school education?

**ANSWER  
THE MINISTER OF AYUSH  
(SHRI SARBANANDA SONOWAL)**

(a) Ministry of Ayush is implementing the Centrally Sponsored Scheme of the National AYUSH Mission (NAM) through State/UT Governments in the country and financial assistance is being provided to them as per the proposals received in their State Annual Action Plans (SAAPs). Under NAM, there are provisions of financial assistance for setting up of 50 /30 /10 bedded integrated AYUSH Hospitals, upgradation of existing standalone Government AYUSH Hospitals. Since, Public Health being a State subject, setting up of 50 bedded integrated AYUSH hospitals and upgradation of exclusive standalone AYUSH hospitals across the country comes under the purview of respective State/UT Governments. Under NAM, as per the proposals received from State/UT Governments through SAAPs, the State/UT-wise list of approved integrated AYUSH hospitals and upgraded exclusive standalone AYUSH hospitals across the country is furnished at **Annexure-I.**

(b) Ministry of Ayush is implementing the Centrally Sponsored Scheme of National AYUSH Mission (NAM) through State/UT Governments and supporting their efforts in development & promotion of AYUSH system by providing financial assistance under different activities including



BCC/IEC to increase awareness in the community which also covers those aspirants who wish to opt AYUSH stream of Ayurveda, Siddha, Unani and Homoeopathy for their under graduate courses. Further, the new steps taken by the Government to provide quality medical education is furnished at **Annexure-II**.

**Annexure-I**

**A. State/UT-wise approved integrated AYUSH Hospitals under NAM**

<b>Sl. No.</b>	<b>State/UT</b>	<b>No of approved Hospitals</b>	<b>Location of 50/30/10 bedded integrated AYUSH Hospital</b>
1.	Andaman Nicobar Islands	1	Port Blair
2.	Andhra Pradesh	2	Kakinada Visakhapatnam
3.	Assam	2	Goalpara Majuli
4.	Bihar	1	Patna
5.	Chandigarh	1	Chandigarh
6.	Chhattisgarh	13	Champa Mahasamund Koria Korba Kanker Narayanpur Bijapur Dantewada Raipur Bilaspur Durg Sarguja District Headquarter DalliRajhara
7.	Goa	1	South Goa
8.	Haryana	1	Hisar
9.	Himachal Pradesh	2	Kullu Mandi
10.	Jammu & Kashmir	5	Kishtwar Kupwara Bilawar Kulgam Samba
11.	Jharkhand	1	Ranchi
12.	Karnataka	2	Gadag Mangalore
13.	Kerala	2	Chalakydy, Thrissur Mattannur, Kannur
14.	Lakshadweep	1	Kavaratti

15.	Maharashtra	4	Nandurbar
			Sindhudurg
			Pune
			Ahmednagar
16.	Manipur	4	Moreh, Chandel District
			Churancandpur
			KwakeithelKonjengLeikai
			Keirao AC, Imphal East District
17.	Madhya Pradesh	7	Bhopal
			Indore
			Narsinghpur
			Amarkantak
			Mandleshwar
			Balaghat
18.	Meghalaya	2	Sohra (Cherapunje), CHC, East Khasi Hills
			Umtrew, RiBhoi District
19.	Mizoram	1	Aizwal
20.	Nagaland	4	Noklak, Tuensang District
			Razha, Chedema
			Sapangya (Chungtia)
			Yachem, Longleng
21.	Odisha	3	Dhenkanal
			Behrampur
			Balasore
22.	Puducherry	2	Villanur
			Yanam
23.	Punjab	2	Moga
			DayalpurSodhiaZirakpur
24.	Rajasthan	6	Bhilwara
			Ajmer
			Churu
			Bikaner
			Jaipur
			Sikar
25.	Sikkim	1	Kyongsa, West Sikkim
26.	Tamil Nadu	3	Theni
			Thiruvannamalai
			Pudukkottai
27.	Telangana	3	Anantgiri, Vikarabad, RangareddyDistt.
			Bhupalpalli(V&M), JayashankarBhupalpalli District.
			Siddipet Head Quarters

28.	Tripura	2	Paradise Chowmuhani, Agartala Sabroom, South Tripura
29.	Uttar Pradesh	24	Bulandshahar Bilhour, Kanpur West Katli, Lucknow Badrasi, Varanasi NawabGanj, Bareilly Basti SirathuKaushambi Sonbhadra OraiJalaun SantKabir Nagar Saharanpur Deoria Lalitpur Amethi Kanpur Dehat Firozpur, Balia District Raebareli Baghpat Fatehpur Shravasti Unnao Hardoi Gorakhpur Sambhal
30.	Uttarakhand	3	Haldwani Jakhnidhar, Tehri Tanakpur, Champawat
31.	West Bengal	2	Tapsikhata, Alipurduar District PaschimMidnapore
<b>TOTAL</b>		<b>108</b>	

**B. State/ UT wise upgraded standalone AYUSH Hospital under NAM**

Sl. No.	Name of States/UTs	No.of units supported
1	Andaman & Nicobar Islands	1
2	Andhra Pradesh	10
3	Arunachal Pradesh	1
4	Assam	0
5	Bihar	0
6	Chandigarh	0
7	Chhattisgarh	22
8	Dadra & Nagar Haveli	0
9	Daman & Diu	3
10	Delhi	4
11	Goa	0
12	Gujarat	4
13	Haryana	2
14	Himachal Pradesh	105
15	Jammu & Kashmir	4
16	Jharkhand	0
17	Karnataka	15
18	Kerala	74
19	Lakshadweep	1
20	Madhya Pradesh	32
21	Maharashtra	0
22	Manipur	2
23	Mizoram	0
24	Meghalaya	0
25	Nagaland	0
26	Odisha	2
27	Puducherry	0
28	Punjab	0
29	Rajasthan	11
30	Sikkim	0
31	Tamil Nadu	2
32	Telangana	4
33	Tripura	2
34	Uttar Pradesh	12

35	Uttarakhand	0
36	West Bengal	0
	<b>Total</b>	<b>313</b>

## **Annexure-II**

The following reforms have been taken for bringing transparency & improve quality education in AYUSH institutions:

- i. National Commission for Indian System of Medicine (NCISM) has prepared 1st professional competency based/outcome based syllabus that aligns with the National Education Policy (NEP).
- ii. The syllabus are bar coded to facilitate the students for downloading of the syllabus
- iii. Same activities scheduled for second and third professional subjects.
- iv. Regulation for Minimum Standard of Education are published for ASU system and implemented from 2021-22 wherein undergoing Medical Education Technology (MET)/ Quality Improvement Program (QIP) is mandatory for every teacher once in a every three years.
- v. NCISM initiated Electives, online course in ISM (Ayurveda, Unani and Siddha) from 2021-22 which introduced in B.A.M.S./BUMS/BSRMS curriculum to provide opportunity to student of ASU courses to get introduced, exposed and oriented to various allied subjects that are required to understand and build inter-disciplinary approach
- vi. NCISM organized master training programme on “Scientific Writing, Research Integrity and Publication Ethics” for the 60 master trainers i.e. PG Guide of ASU system. The training program was customized to the needs of teachers from ASU institutions.
- vii. A uniform entrance examination namely, the National Eligibility Entrance Test (NEET) for admission to all Ayurveda, Siddha, Unani and Homoeopathy (ASU & H) Under-graduate courses.
- viii. A uniform entrance examination namely, the All India AYUSH Post Graduate Entrance Test (AIAPGET) for admission to postgraduate course in all ASU & H Institutions.
- ix. All India Quota Seats has been created: Minimum 15% of the total seats (which may be more as per existing rules of the concerned State/University/Institutes) of all ASU & H (UG & PG) courses in Government, Government aided, Private Colleges, Deemed Universities, Central Universities and National Institutes from academic year 2019-20.

Further, National Commission for Homeopathy is constituted with mandate to standardize homeopathy education, homeopathy practices in India. To create awareness among the school children about Ayush system of medicine advisory group and committee jointly of NCSIM & NCH was constituted by Ministry of Ayush to develop education material for students. Further, expert panel has been formed for Homeopathy subjects and content development for school education, is being drafted.

**GOVERNMENT OF INDIA  
MINISTRY OF AYUSH**

**LOK SABHA**  
**UNSTARRED QUESTION NO. 3971**  
**ANSWERED ON 24<sup>th</sup> MARCH, 2023**

**Implementation of AYUSH Scheme in Rajasthan**

†3971. SHRI BALAK NATH:

Will the Minister of AYUSH be pleased to state:

- (a) the details of the schemes being implemented by the Union Government to promote Unani, Homoeopathy, Ayurveda, Yoga and Naturopathy Systems of Medicine;
- (b) the quantum of funds allocated and spent for the said purposes during the last five years;
- (c) whether the Union Government proposes to allocate any special fund to promote the said medicine systems in different regions of Rajasthan; and
- (d) if so, the details thereof?

**ANSWER**  
**THE MINISTER OF AYUSH**  
**(SHRI SARBANANDA SONOWAL)**

(a) to (d) Ministry of Ayush is implementing the Centrally Sponsored Scheme of National AYUSH Mission (NAM) through State/UT Governments for overall development and promotion of AYUSH including Unani, Homoeopathy, Ayurveda and Yoga & Naturopathy. Under NAM, the Ministry is supporting the efforts of State/UT Governments by providing financial assistance to them for different activities as per the provision of NAM guidelines against their submitted State Annual Action Plans (SAAPs). The quantum of funds allocated to the State/UT Governments including Rajasthan during the last five years under NAM and expenditure reported by the States/UTs is furnished in **Annexure**. The Mission inter-alia makes provision for the following activities: -

- (i) AYUSH Health & Wellness Centres
- (ii) Co-location of AYUSH facilities at Primary Health Centres (PHCs), Community Health Centres (CHCs) and District Hospitals (DHs)
- (iii) Upgradation of existing standalone Government AYUSH Hospitals
- (iv) Upgradation of existing Government/Panchayat/Government aided AYUSH Dispensaries/ Construction of building for existing AYUSH Dispensary (Rented/ dilapidated accommodation)/ Construction of building to establish new AYUSH Dispensary in the area where there are no AYUSH facilities available
- (v) Setting up of upto 10/30/50 bedded integrated AYUSH Hospitals



- (vi) Supply of essential drugs to Government AYUSH Hospitals, Government Dispensaries and Government/Government aided Teaching Institutional AYUSH Hospitals
- (vii) AYUSH Public Health Programmes
- (viii) Behaviour Change Communication (BCC)
- (ix) Mobility support at State and District level
- (x) AYUSH Gram
- (xi) Establishment of new AYUSH colleges in the States where availability of AYUSH teaching institutions is inadequate in Government Sector
- (xii) Infrastructural development of AYUSH Under-Graduate Institutions
- (xiii) Infrastructural development of AYUSH Post-Graduate Institutions/ add on PG/ Pharmacy /Para-Medical Courses.

State/UT Governments including Rajasthan, may avail the eligible financial assistance by submitting the suitable proposals through SAAPs as per the NAM guidelines.

**Annexure**

**The quantum of funds allocated to the State/UT Governments including Rajasthan during the last five years under NAM and expenditure reported by the States/UTs**

**(Rs. in lakhs)**

<b>Sl. No.</b>	<b>Name of States/UTs</b>	<b>Grant-in -aid released from 2017-18 to 2021-22</b>	<b>Expenditure reported by the States/UTs against the grant-in-aid released</b>
1	Andaman & Nicobar Islands	1533.502	1521.971
2	Andhra Pradesh	4742.214	790.874
3	Arunachal Pradesh	2335.82	1873.123
4	Assam	5717.012	4285.561
5	Bihar	4863.91	118.234
6	Chandigarh	833.744	586.1
7	Chhattisgarh	5825.998	3581.55
8	Dadra & Nagar Haveli	207.257	176.05
	Daman & Diu	72.01	13.4
9	Delhi	0.00	0.00
10	Goa	812.993	499.379
11	Gujarat	5975.877	4977.72
12	Haryana	8031.402	7870.819
13	Himachal Pradesh	6428.569	4967.435
14	Jammu & Kashmir	7636.706	7202.148
15	Jharkhand	2832.077	2450.671
16	Karnataka	10545.718	9357.894
17	Kerala	9725.583	9443.483
18	Ladakh	187.45	25.122
19	Lakshadweep	574.487	542.058
20	Madhya Pradesh	18632.988	17041.062
21	Maharashtra	6092.928	3036.634
22	Manipur	4219.387	3166.749
23	Mizoram	2532.537	2449.568
24	Meghalaya	1944.214	1365.358
25	Nagaland	4875.525	4351.509
26	Odisha	5151.87	3274.74

27	Puducherry	1171.871	1127.129
28	Punjab	3158.656	206.553
29	Rajasthan	17368.425	10638.899
30	Sikkim	1230.736	1230.736
31	Tamil Nadu	10074.138	9306.74
32	Telangana	5811.905	4963.107
33	Tripura	2273.001	2047.918
34	Uttar Pradesh	50241.653	47232.34
35	Uttarakhand	7780.68	6324.855
36	West Bengal	8162.196	6941.886
	<b>Total</b>	<b>229605.039</b>	<b>184989.374</b>

**GOVERNMENT OF INDIA  
MINISTRY OF AYUSH**

**LOK SABHA  
UNSTARRED QUESTION NO.3982  
ANSWERED ON 24<sup>th</sup> March, 2023**

**Promotion of AYUSH System**

3982. SHRI MOHANBHAI KALYANJI KUNDARIYA:

Will the Minister of AYUSH be pleased to state:

- (a) the details of funds allocated and utilised for the promotion of AYUSH in State of Gujarat, district-wise;
- (b) whether the allocated funds are fully utilised, if not, the reasons for non-utilisation of funds and the steps taken by the Government to utilise the entire funds in a time bound manner;
- (c) whether the Government has any plans to set up AYUSH dispensaries, hospitals and issue any guidelines to all the districts of Gujarat for the purpose; and
- (d) if so, the details thereof, district-wise?

**ANSWER  
THE MINISTER OF AYUSH  
(SHRI SARBANANDA SONOWAL)**

(a) & (b) Ministry of Ayush is implementing the Centrally Sponsored Scheme of National AYUSH Mission (NAM) through State/UT Governments including Gujarat for development and promotion of AYUSH and providing financial assistance to them as per the proposals received in their State Annual Action Plans (SAAPs). Under NAM, as per the proposals received from the State Government of Gujarat through their SAAPs, grant-in-aid of Rs. 8634.008 lakhs has been allocated / released to them for different activities to promote AYUSH and they have reported an expenditure of Rs.7615.385 lakhs. However, no grant-in aid is being released district-wise. Though implementation of the Scheme comes under the purview of the State Government, Ministry of Ayush is being continuously pursued with State/UT Governments towards timely implementation of the activities and proper utilization of the funds provided under the scheme. Besides timely release of funds, the Ministry also keeps focus on efficient implementation through various monitoring mechanism apart from regular regional review meetings and physical field visits.

(c) & (d) Public Health being a State subject, setting up of AYUSH dispensaries and hospitals comes under the purview of the respective State/UT Governments. Under the NAM scheme, financial assistance is provided for constructing a building to establish a new AYUSH dispensary in the area where no AYUSH facilities are available. Further, financial assistance is also provided for the setting up of 50/30/10 bedded Integrated AYUSH Hospitals. The State/UT Governments may avail the eligible financial assistance by submitting suitable proposals as per the NAM guidelines. Under this scheme, Ministry of Ayush has approved Rs.150.00 Lakhs during the year 2022-23 for setting up of 50-bedded Integrated AYUSH Hospital at Surat, Gujarat.

GOVERNMENT OF INDIA

MINISTRY OF AYUSH

LOK SABHA

UNSTARRED QUESTION NO.-3984

ANSWERED ON 24/03/2023

ASTROLOGY IN BAMS CURRICULUM

**3984 #ADV. A.M. ARIFF:**

Will the Minister of AYUSH be pleased to state:

- (a) whether the Government intends to enhance the higher education opportunities for AYUSH professionals in the country, if so, the details thereof;
- (b) whether it is true that the National Council for Indian Systems of Medicine (NCISM) has introduced Astrology as an optional subject in Bachelor of Ayurvedic Medicine and Surgery (BAMS) programme in the country which is against scientific rationale;
- (c) if so, the details thereof including the State-wise number of students enrolled for said subject in the country; and
- (d) whether the Government proposes to issue urgent instructions to the NCISM for the withdrawal of Astrology as a subject in BAMS for upholding the principle of scientific temper enshrined in the Constitution and if so, the details thereof?

**ANSWER**

**MINISTRY OF AYUSH  
(SHRI SARBANANDA SONOWAL)**

- (i) As per the Second Schedule of allocation of Union Business, the Ministry of Ayush has a mandate for Education, Training and Research in all aspects of Indian Systems of Medicine including Ayurveda, Yoga, Naturopathy, Unani, Siddha, Sowa-Rigpa and Homoeopathy. In last Seven years (from A.Y. 2016-17 to 2022-23), the number of Postgraduate seats increase from 4007 to 4786 in Ayurveda, from 202 to 404 in Unani, from 140 to 167 in Siddha and from 1134 to 1594 in Homoeopathy. This increase in the number of AYUSH PG Seats, improves the higher education opportunities for AYUSH professionals in the Country.
  
- (j) & (c) Yes, Medical Astrology has been introduced as elective course (online) in Ayurveda, Siddha, Unani and Sowa-Rigpa curriculum. The details of state-wise enrolled students has placed at **Annexure-I**.

- (d) At present no such proposal is under consideration to issue urgent instructions to the NCISM for the withdrawal of Astrology as elective course (online).

\*\*\*\*

**Annexure-I****Number of students enrolled for Medical Astrology as elective course (online)**

<b>Sl. No.</b>	<b>State</b>	<b>Count of Students</b>
1.	Andhra Pradesh	1
2.	Bihar	12
3.	Chandigarh	6
4.	Chhattisgarh	11
5.	Delhi	8
6.	Goa	5
7.	Gujarat	56
8.	Haryana	18
9.	Himachal Pradesh	10
10.	Jammu & Kashmir	4
11.	Jharkhand	2
12.	Karnataka	138
13.	Kerala	20
14.	Madhya Pradesh	45
15.	Maharashtra	152
16.	Odisha	13
17.	Puducherry	2
18.	Punjab	13
19.	Rajasthan	21
20.	Tamil Nadu	35
21.	Telangana	1
22.	Uttar Pradesh	78
23.	Uttarakhand	17
24.	West Bengal	3
<b>Grand Total</b>		<b>671</b>

**GOVERNMENT OF INDIA**  
**MINISTRY OF AYUSH**  
**LOK SABHA**  
**UNSTARRED QUESTION NO. 3991**  
**ANSWERED ON 24.03.2023**  
**AYUSH doctor**

3991. SHRI GNANATHIRAVIAM S:

Will the Minister of AYUSH be pleased to state:

- (a) whether the Government is aware that AYUSH Doctors are being treated as second rate by Allopathic Doctors, Para Medical Staff of Hospitals and PHCs and the patients;
- (b) if so, the details thereof; and
- (c) the remedial measures taken/ to be taken by the Government including segregation of AYUSH doctors from their Allopathic counterparts?

**ANSWER**

**THE MINISTER OF AYUSH  
(SHRI SARBANANDA SONOWAL)**

- (a) Public Health is a State subject. However, Ministry of Ayush, Government of India is the cadre controlling authority for Ayush Doctors posted in Central Government Health Scheme (CGHS) and so far as CGHS is concerned, there is no discrimination between Ayush Doctors and Allopathic Doctors.
- (b) Does not arise.
- (c) There is no such proposal under consideration.

**GOVERNMENT OF INDIA  
MINISTRY OF AYUSH**

**LOK SABHA  
UNSTARRED QUESTION NO. 4007  
TO BE ANSWERED ON 24<sup>th</sup> MARCH, 2023**

**IMPLEMENTATION OF SMART SCHEME**

- † 4007. **SHRI PRADEEP KUMAR SINGH:**  
**SHRI T.N. PRATHAPAN:**



**SHRI PARBATBHAI SAVABHAI PATEL;**

Will the Minister of AYUSH be pleased to state:

- (a) the objectives of 'Scope for Mainstreaming Ayurveda Research in Teaching Professionals' (SMART) programme launched by the Government to boost scientific research and development in the field of Ayurveda professionals;
- (b) whether the teachers through the SMART programme will be encouraged to take over the projects and prepare a big database in the designated fields of health research, if so, the details thereof;
- (c) the measures being taken by the Government towards bringing a comprehensive change in the field of clinical or remedial research in Ayurveda;
- (d) the funds allocated and released under the said programme, State-wise; and
- (e) the tangible plan to implement the scheme and benefit Ayurveda Research under the above-mentioned programme?

**ANSWER**

**THE MINISTER OF AYUSH  
(SHRI SARBANANDA SONOWAL)**

- (a) Scope for mainstreaming Ayurveda research in teaching professionals (SMART) has been undertaken by the Central Council for Research in Ayurvedic Sciences (CCRAS), an Autonomous Body under Ministry of Ayush, to provide technical and financial support to promote robust clinical studies through mutual collaboration with Ayurveda academia. The objectives of SMART programme are to undertake, aid, promote and coordinate research to promote and establish a theoretical and practical foundation for high quality research in Ayurveda academic sector through collaboration.
- (b) Being Principal investigator(P-I) of projects under the said programme, teachers will be encouraged to take over the projects and prepare a big database in the

designated fields of health research. This collaborative Research program in Ayurveda is designed to enable research that has the potential to improve our understanding of safety and efficacy of Ayurveda medicine, products and practices. This was conceived with the aim to boost scientific research in priority healthcare research area through Ayush institutions and hospital.

- (c) CCRAS is engaged to promote research in the domains of Fundamental Research, Literature research, Drug Research, Clinical research and public health through its network of 30 research institutes across the country through intramural and collaborative research activities. The Council is engaged in disseminating the benefits of Ayurveda emerged out of the R& D outcomes across the scientific community and general public through research publications in Journals, Technical reports, books, monographs & IEC material.
- (d) As per the CCRAS research policy, the Council has planned to do collaboration with academic institutions as “SMART” programme. Funds under the programme are not pre-allocated state-wise. However, the budget will be sanctioned as per the research protocol aligning to the budgetary requirement of each project. No funds have so far been released as the programme has been launched on 2<sup>nd</sup> January, 2023.
- (e) As SMART programme is not a scheme, the projects undertaken under the SMART programme will be executed as per the CCRAS research policy for collaborative research ensuring benefit sharing among stakeholders for translating the research outcomes for the benefit of the mankind.

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**GOVERNMENT OF INDIA**  
**MINISTRY OF AYUSH**  
**LOK SABHA**  
**UNSTARRED QUESTION NO-4012**  
**ANSWERED ON 24/03/2023**

**“Collaborations on Traditional Ayurvedic and Herbal Medicine”**

**4012. SHRI VISHNU DAYAL RAM:**

Will the **Minister of Ayush** be pleased to state:

- (a) the details of academic, research and developmental collaborations with other Asian and South-East Asian neighbouring countries on traditional ayurvedic and herbal medicine;
- (b) the details of major advancements in the field of Ayurveda in Financial Year, 2022-2023; and
- (c) whether the Government has any action plan for conducting international level capacity-building workshops at a panchayat level in the field of Ayurveda, if so, the details thereof?

**ANSWER**

**THE MINISTER OF AYUSH  
(SHRI SARBANANDA SONOWAL)**

(a) The Ministry of Ayush has signed 05 country-to-country level MoUs (i.e. Bangladesh, Nepal, China, Myanmar and Malaysia), 03 Institute level Research MoUs (i.e. Bangladesh, Philippines and Malaysia) and 04 Academic Chair MoUs (i.e. Bangladesh, Indonesia, Thailand and Malaysia) with neighbouring and other South-East Asian Countries with the aim to expand collaboration in the Ayush system of Medicines. The Ministry of Ayush has also supported the establishment of 03 Ayush Information Cells in South East Asian Countries such as Indonesia and Malaysia.

The Ministry of Ayush also offers scholarships to foreign nationals for undertaking AYUSH courses in recognized AYUSH institutions in India under International Ayush Fellowship/Scholarship Programme. The Ministry of Ayush has offered 49 Ayush

Scholarships in 2016-17, 21 scholarships in 2017-18, 44 scholarships in 2018-19, 47 scholarships in 2019-20, 45 scholarships in 2020-21 and 44 scholarships in 2021-22 to neighbouring and other South-East Asian Countries i.e. Afghanistan, Bangladesh, Bhutan, Indonesia, Malaysia, Nepal, Singapore, Sri Lanka, Thailand and Vietnam

(b) Following are the major international achievements undertaken by the Ministry of Ayush in the field of Ayurveda in the Financial Year, 2022-2023:

- Signed 01 country-to-country level MoU, 06 Institute Level MoUs and 01 Ayush Academic Chair MoU with foreign nations.
- Signed an agreement with WHO to establish WHO-GCTM in Jamnagar, Gujarat, the ground-breaking Ceremony of which was held on 19.04.2022 in Jamnagar, Gujarat. This Centre aims to provide support to implement WHO's traditional medicine strategy (2014-23) and to support nations in developing policies & action plans to strengthen the role of traditional medicine as part of their journey to universal health coverage.
- Supported the establishment of Ayush Export Promotion Council (Ayushexcil) to promote the export of AYUSH products/ medicines as well as AYUSH services. This was launched by the Hon'ble Prime Minister on 20th April 2022 at Global Ayush Innovation and Investment Summit in Gandhinagar (Gujarat).
- Organized B2B Conference & Expo on Traditional Medicine from 02nd to 03rd March, 2023 in Guwahati (Assam) which was attended by SCO countries' dignitaries and business partners from India as well as SCO countries.
- **First Meeting of the Expert Working Group on Traditional Medicine of the SCO Member States** was organized by the Ministry of Ayush on 9<sup>th</sup>, 10<sup>th</sup> and 22<sup>nd</sup>, February 2023 in New Delhi and a consensus was developed among the Experts from SCO Countries on EWG Regulations.

(c) No Sir. No such proposal is under consideration.

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**GOVERNMENT OF INDIA  
MINISTRY OF AYUSH  
LOK SABHA**

**UNSTARRED QUESTION NO-4035  
TO BE ANSWERED ON 24.03.2023**

**YOGA TRAINING CENTRE IN ANDRA PRADESH**

**4035. SHRI MARGANI BHARAT:**

Will the Minister of **Ayush** be pleased to state:

- a) whether the Government has set up any yoga training centre in the country;
- b) if so, the details thereof, State/UT and district-wise in Andhra Pradesh and if not, the reasons therefor;
- c) whether the Government has implemented any schemes to strengthen the yoga infrastructure and popularise yoga in the country; and
- d) if so, the details thereof and if not, the reasons therefor?

**ANSWER**

**THE MINISTER OF AYUSH**

**(SHRI SARBANANDA SONOWAL)**

**(a) & (b):** Since Public Health is a State subject, setting up of new yoga training centres come under the purview of respective State/ UT Governments. Ministry of Ayush is not maintaining specific data related to yoga training centres in Andhra Pradesh.

**(c) & (d):** There is no such scheme formulated by the Ministry.

However, Ministry of Ayush promotes Yoga in the country through its three autonomous bodies namely Morarji Desai National Institute of Yoga (MDNIY), New Delhi, Central Council for Research in Yoga & Naturopathy (CCRYN), New Delhi and National Institute of Naturopathy (NIN), Pune. MDNIY provides various courses for Yoga Education. CCRYN is the apex body for

research and development in the Yoga and Naturopathy systems. NIN, a premier institute for Naturopathy organizes various activities related to Naturopathy and Yoga.

The activities and programs of MDNIY, CCRYN and NIN are available on the websites i.e. [yogamdniy.nic.in](http://yogamdniy.nic.in), [www.ccryn.gov.in](http://www.ccryn.gov.in) and [ninpune.ayush.gov.in](http://ninpune.ayush.gov.in) respectively. Also, Ministry of Ayush has established a Yoga Certification Board (YCB) for the certification of Yoga professionals and the accreditation of Institutions under various categories.

At the initiative of the Hon'ble Prime Minister Shri Narendra Modi, the United Nations General Assembly took a historic decision in 2014 to declare 21st June as the International Day of Yoga. The Ministry of Ayush is the nodal Ministry for observation of the International Day of Yoga (IDY) every year. IDY observation is focused on a Mass Yoga demonstration based on Common Yoga Protocol (CYP) which is publicly available on the Yoga Portal ([yoga.ayush.gov.in](http://yoga.ayush.gov.in)).

Also, Ministry is implementing the Centrally Sponsored Scheme of National Ayush Mission (NAM) through State/UT Governments for development & promotion of different Ayush systems in the country including Yoga and providing financial assistance to them as per the proposals received in their State Annual Action Plans (SAAPs). State/UT Governments may avail financial assistance by submitting proposals through State Annual Action Plans (SAAPs) as per the NAM guidelines.

Under National Ayush Mission (NAM), Ministry of Ayush is implementing the operationalization of 12,500 Ayush Health and Wellness Centres (HWCs) through State/UT Governments. At these Ayush HWCs, Yoga will be taught to the public for general health promotion as community-based intervention by qualified Yoga Instructors.

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**GOVERNMENT OF INDIA  
MINISTRY OF AYUSH**

**LOK SABHA  
UNSTARRED QUESTION NO. 4049**

**TO BE ANSWERED ON 24<sup>th</sup> MARCH, 2023**

**Promotion of Siddha Medicine**

4049 **SHRI SUNIL BABURAO MENDHE:**

Will the Minister of **AYUSH** be pleased to state:

- (a) the steps taken by the Government to promote the traditional Siddha medicine of Maharashtra; and  
(b) the details of Government run AYUSH medical colleges and hospitals in Bhandara-Gondiya district in Maharashtra?

**ANSWER**

**THE MINISTER OF AYUSH  
(SHRI SARBANANDA SONOWAL)**

(a) The Ministry of Ayush has taken following steps to promote AYUSH system including the traditional Siddha medicine across the country including Maharashtra:

The Ministry of Ayush has established **Central Council for Research in Siddha (CCRS) and National Institute of Siddha (NIS), Chennai to promote Siddha system of medicine in the Country**. The Ministry of Ayush also operates various Central Sector Schemes and Centrally Sponsored Scheme like National AYUSH Mission (NAM) and Information Education and Communication (IEC).

**Under Information Education and Communication (IEC) scheme**, the Ministry supports events like National level fairs, State level fairs, seminar, conferences, workshops etc. for propagating Ayush including Siddha system of medicine and treatment. The scheme also provides for propagation through print and news media.

**Under the National AYUSH Mission (NAM) scheme** following provisions are provided to promote the AYUSH system of medicine including Siddha:-

- (i) AYUSH Health & Wellness Centres
- (ii) Co-location of AYUSH facilities at Primary Health Centres (PHCs), Community Health Centres (CHCs) and District Hospitals (DHs)
- (iii) Upgradation of existing standalone Government AYUSH Hospitals
- (iv) Upgradation of existing Government/ Panchayat/ Government aided AYUSH Dispensaries/Construction of building for existing AYUSH Dispensary/ Construction of building to establish new AYUSH Dispensary
- (v) Setting up of up to 50 /30 /10 bedded integrated AYUSH Hospitals

- (vi) Supply of essential drugs to Government AYUSH Hospitals, Government Dispensaries and Government/Government aided Teaching Institutional AYUSH Hospitals
- (vii) AYUSH Public Health Programmes
- (viii) Behaviour Change Communication (BCC)
- (ix) Mobility support at State and District level
- (x) AYUSH Gram
- (xi) Infrastructural development of AYUSH Under-Graduate Educational Institutions.
- (xii) Infrastructural development of AYUSH Post-Graduate Educational Institutions/ add on PG/Pharmacy/ Para-Medical Courses.

The following activities have been carried out to strengthen / upgrade the existing institutes/units of CCRS and NIS and to promote the Siddha system of medicine:-

- NIS has participated in the “Ayush Natural World Expo and Conference” conducted by Trinity Group, Chamber for Import, Export and Health at Mumbai during 4<sup>th</sup> to 6<sup>th</sup> March, 2022 and 9<sup>th</sup> to 11<sup>th</sup> June 2022.
- CCRS is conducting research in Siddha system of medicine and provides health care facilities for various diseases like Psoriasis, Eczema, respiratory disorders, Musculoskeletal diseases, Skin diseases, Respiratory diseases, Women’s Health, Neuro degenerative diseases, Peptic ulcer diseases, Non-healing ulcers male and female reproductive diseases, non-communicable diseases, vector-borne diseases etc. through its eight peripheral institutes / units of CCRS.
- The research programme of CCRS mainly focuses on clinical research including safety and efficacy studies of Siddha drugs, validation of the fundamental principles, drug standardization and quality control, survey and cultivation of medicinal plants and literary research.
- CCRS has granted 70 Intra Mural Research projects and out of this 8 IMR projects have been completed and 17 projects which have been completed is awaiting PEMC clearance and 45 IMR projects are ongoing
- 54 books and 536 scientific research articles have been published.
- Siddha drugs like *Kabasura kudineer*, *Nilavembu Kudineer*, are being used in the prevention and treatment of COVID- 19. CCRS have undertaken various studies with the above-mentioned Siddha formulations and research papers have been published in reputed journals.
- Nilavembu Kudineer has proven effect in the prevention and management of Dengue and Chikungunya in epidemic out breaks.
- Integrated Siddha cancer OPD has been successfully functioning at All India Institute of Ayurveda campus aiding the Palliative care of cancer patients through Siddha system.
- Swasthya Rakshan programme (SRP) been executed through 7 CCRS Institutes / Units in 3 states and 2 union territories. Thirteen villages are covered.
- Apps developed – YI tool, SiddAR, Doorman.
  - a) Validation of Siddha Udal Iyal Inventory -YI for the Assessment of Body Constitution (ABC) - It forms the fundamental basis of diagnosing the diseases, the prognosis and in deciding the treatment modality.It will also provide lifestyle modification / recommendation based on the constitution.



- b) SiddAR app - Siddha initiative for documentation of drug Adverse Reaction. SiddAR has been developed to document the observed and reported side effects of Siddha drugs which benefit the public
  - c) Doorman is an Android Mobile Application for Misleading advertisements, Tall claim and magical remedy act management mobile application.
- CCRS is actively monitoring the Adverse Drug reactions (ADR) and Misleading advertisements (MLA) and documenting through its four Peripheral Pharmacovigilance Centre (PPVC).

**Other activities:**

- In Arogya Melas / exhibition, IEC materials are being distributed related to various disease conditions and its management through Siddha system of medicine.
- CCRS has initiated many programmes for popularizing the Siddha system among the public through social media like facebook, twitter, you tube, print media in national newspapers, audio jingles and video documentary films.
- CCRS has been actively conducting various seminar / workshops / conference to disseminate the Siddha system of medicine for the benefit of the public.
- Specialized treatments are being provided to the public through Non- communicable diseases OPD, Geriatric OPD, Reproductive and Child health care OPD, Varmam, Thokkanam, Bone setting and Yogam OPD.

(b) No AYUSH medical colleges and hospitals is running in the Bhandara-Gondiya district in Maharashtra by the Government.

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**GOVERNMENT OF INDIA**

**MINISTRY OF AYUSH**

**LOK SABHA**

**UNSTARRED QUESTION NO. 4053**

**TO BE ANSWERED ON 24<sup>th</sup> MARCH, 2023**

**Budget Allocation**

**4053 SHRI VENKATESH NETHA BORLAKUNTA:**

**SHRIMATI KAVITHA MALOTHU:**

**DR. G. RANJITH REDDY:**

Will the Minister of AYUSH be pleased to state:

- (a) the details of Budget Estimates, Revised Estimates and Actual Expenditure of Budget given to the Ministry Since 2018-19, year-wise;
- (b) the reasons that the Ministry is not able to utilize the Budget fully given to it since 2018-19;
- (c) whether the Ministry is not able to use even the revised estimates, which normally less than the BE, since 2018-19;
- (d) if so, the reasons thereof; and
- (e) the manner in which the Ministry will ensure total optimum utilization of Budget allocated for 2023-24?

**ANSWER**

**THE MINISTER OF AYUSH**

**(SHRI SARBANANDA SONOWAL)**

(a), (b), (c) & (d) the details of Budget Estimates (BE), Revised Estimates (RE) and Actual Expenditure (AE) of Ministry of Ayush since 2018-19 along with the reasons for less utilization with reference to Budget Estimates (BE) as well Revised Estimates (RE) is at **Annexure**.

(e) An amount of Rs. 3647.50 crore has been allocated to Ministry of Ayush against the projected demand of Rs. 4092.33. There is an increase in Budget Estimate (BE) of Rs. 597.50 crore for the year 2023-24 against the Budget Estimate (BE) of Rs. 3050.00 crore for the year 2022-23 which is 19.59% more than of Budget Estimate (BE) 2022-23. The Budget Estimate (BE) 2023-24 of Ministry of Ayush is divided into following components :-

<b>(Rs. In Crore)</b>		
<b>Sl. No.</b>	<b>Component</b>	<b>Budget Estimate (BE)</b>
		<b>2023-24</b>
1	Establishment	79.76
2	Statutory/Autonomous Bodies	2182.30
3	Central Sector Scheme	185.44

<b>(Rs. In Crore)</b>		
<b>Sl. No.</b>	<b>Component</b>	<b>Budget Estimate (BE)</b> <b>2023-24</b>
4	Centrally Sponsored Scheme (NAM)	1200.00
<b>Total</b>		<b>3647.50</b>

The Budget allocation for the year 2023-24 has been done after detailed deliberation. For optimal utilization of budget allocation regular monitoring at various levels is done throughout the year.

**ANNEXURE**

**Details of Budget Estimates (BE), Revised Estimates (RE) and Actual Expenditure (AE) since 2018-19 alongwith the reasons of less utilization w.r.t Budget Estimates (BE) as well as Revised Estimates (RE) in respect of Ministry of Ayush**

**(Rs. In crore)**

Year	Budget Estimate (BE)	Revised Estimate (RE)	Actual Expenditure (AE)	Percentage of AE w.r.t		Reasons
				BE	RE	
2018-19	1626.37	1692.77	1596.07	98.14	94.29	Savings was due to slow progress in some construction works, less demand by CPWD for construction works as compared to initial estimate, non-filling up of vacant posts in some Autonomous Bodies, non-receipts of adequate proposals and late approval of Health and Wellness Centre component of National Ayush Mission (NAM) on 20 <sup>th</sup> March, 2020 in the financial year 2019-20.
2019-20	1939.76	1857.00	1833.60	94.53	98.74	
2020-21	2122.08	2322.08	2291.98	108.01	98.70	Savings was mainly because of non-receipt of proposals and non-finalization of various activities due to Covid-19 pandemic and 20 % reduction in controllable expenditure as per Government of India instructions
2021-22	2970.30	2664.42	2538.42	85.46	95.27	Savings was due to Covid-19 and less release to States/UTs because of non-fulfilment of conditions by them as per guidelines issued by Ministry of Finance
2022-23	3050.00	2845.75	2297.08 <b>(as on 20-03-2023)</b>	75.31	80.72	All efforts for utilizing the balance funds with reference to Revised Estimates (RE) are being made.

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**GOVERNMENT OF INDIA  
MINISTRY OF AYUSH**

**LOK SABHA  
UNSTARRED QUESTION NO. †4077  
ANSWERED ON 24/03/2023**

**“Cultivation and Promotion of Medicinal Plants”**

**†4077. SHRI VINOD L. CHAVDA:  
SHRI GAJANAN KIRTIKAR:  
SHRIMATI DELKAR KALABEN MOHANBHAI:**

Will the Minister of AYUSH be pleased to state:

- a) whether the Government has launched any programme or scheme for “Cultivation and Promotion of Medicinal Plants” for farmers and health benefits of people, if so, the details thereof;
- b) the steps being taken/proposed to be taken by the Government to promote and conserve the cultivation of medicinal plants in various parts of the country State/UT-wise including Kutch region of Gujarat, Maharashtra, Dadra and Nagar Haveli and Daman and Diu;
- c) the amount allocated for the conservation, cultivation and infrastructure development for medicinal plants farming under the Ministry of AYUSH during the last three years;
- d) the details thereof, State/UT-wise particularly in the above said areas; and
- e) the steps taken/proposed to be taken by the Government to propagate the AYUSH system and medicines outside the country?

**ANSWER**

**THE MINISTER OF AYUSH  
(SHRI SARBANANDA SONOWAL)**

- a) No, Sir & Madam. However, Ministry of Ayush, Government of India had implemented Centrally Sponsored Scheme of National Ayush Mission (NAM) to promote the cultivation of medicinal plants from the financial year 2015-16 to 2020-21. As per the scheme guidelines, the support was provided for:

- (xvii) Cultivation of prioritized medicinal plants on farmer's land.
- (xviii) Establishment of nurseries with backward linkages for raising and supply of quality planting material.
- (xix) Post-harvest management with forwarding linkages.
- (xx) Primary processing, marketing infrastructure etc.

Presently, National Medicinal Plants Board, Ministry of Ayush, Government of India is implementing Central Sector Scheme on "Conservation, Development and Sustainable Management of Medicinal Plants" wherein following activities are supported:

- (xi) *In-situ* conservation / *Ex-situ* conservation
- (xii) Livelihood linkages with Joint Forest Management Committees (JFMCs) / Panchayats / Van Panchayats / Biodiversity Management Committees (BMCs) / Self Help Groups (SHGs).
- (xiii) IEC activities like Training / workshops / Seminars/ Conferences etc.
- (xiv) Research & Development.
- (xv) Promotion, marketing and trade of medicinal plants produce.
- (xvi) Establishment of nurseries.

**b)** The National Medicinal Plants Board, Ministry of Ayush, Government of India is presently implementing Central Sector Scheme on "Conservation, Development and Sustainable Management of Medicinal Plants" throughout the country including the Kutch region of Gujarat, Maharashtra, Dadra and Nagar Haveli and Daman & Diu. Under the same scheme, NMPB, Ministry of Ayush has supported 562 projects to State Forest Departments for Conservation, Resource Augmentation of medicinal plants and support to JFMCs/BMCs etc. for value addition and livelihood generation in forest areas, 264 projects under Information, Education and Communication (IEC) activities to aware the local masses about the medicinal plants, 89 projects for establishment of nurseries to raise the quality planting material, 19 projects under marketing of medicinal plants and 224 projects for establishment of herbal garden throughout the country since its inception. Detail is given at **Annexure – I**.

In addition, the National Medicinal Plants Board, Ministry of Ayush through its Regional Cum Facilitation Centres (RCFCs) is also providing financial and technical assistance to farmers/other stakeholders for development of quality planting material of medicinal plants and herbs in different states. As per the provision of scheme guidelines, NMPB has set up 7 Regional Cum Facilitation Centres (RCFCs) in project mode to promote various medicinal plants activities in different regions / areas of the country. Detail is given at **Annexure – II**.

Under medicinal plants component of National Ayush Mission (NAM) scheme, Ministry of Ayush had supported 56,305 hectare area under cultivation of medicinal

plants, 220 nurseries, 354 post-harvest management units, 25 processing units, 42 rural / district collection centres / retail outlet, etc. from the financial year 2015-16 to 2020-21 throughout the country including Gujarat and Maharashtra. Beside this, Ministry of Ayush had supported Information, Education & Communication (IEC) activities such as 235 workshops / buyer-seller meets / exposure visits and training for 19061 farmers etc. under flexi component of medicinal plants component of National Ayush Mission (NAM) scheme from the financial year 2015-16 to 2020-21 throughout the country including Gujarat and Maharashtra. Detail is given at **Annexure – III**.

**c & d)** The National Medicinal Plants Board, Ministry of Ayush, Government of India has allocated/sanctioned an amount of Rs.3291.93 lakh to State Forest Departments for Conservation, Resource Augmentation of medicinal plants and support to JFMCs / BMCs etc. for value addition and livelihood generation during the last three years under Central Sector Scheme. State-wise details of fund is given below.

**The state-wise details of funds allocated / sanctioned to State Forest Departments for *In-situ* / *Ex-situ* Conservation, Resource Augmentation of Medicinal Plants and Support to JFMC's / BFMC's.**

Name of State	Fund Allocated / Sanctioned (Rs. In Lakh)			
	2019-20	2020-21	2021-22	TOTAL
Assam	84.06	0	0	<b>84.06</b>
Gujarat	0	236.71	1411.47	<b>1648.18</b>
Karnataka	91.82	0	0	<b>91.82</b>
Odisha	0	40.00	0	<b>40</b>
Rajasthan	138.60	0	0	<b>138.6</b>
Sikkim	438.32	0	0	<b>438.32</b>
Tripura	200.00	435.64	0	<b>635.64</b>
Uttarakhand	215.31	0	0	<b>215.31</b>
<b>Total :</b>	<b>1168.11</b>	<b>712.35</b>	<b>1411.47</b>	<b>3291.93</b>

Beside this, Ministry of Ayush had released an amount of Rs. 4181.45 lakh (including state share) for cultivation of medicinal plants and Rs. 1265.77 lakh for infrastructures development for medicinal plants farming such as post-harvest management units, processing units and rural/district collection centres/ retail outlets under the medicinal plants component of National Ayush Mission scheme throughout the country during the last three years. Detail is given at **Annexure – IV**.

**e)** The Ministry of Ayush has developed a Central Sector Scheme for the Promotion of International Co-operation in AYUSH (IC Scheme) under which the Ministry of Ayush provides support to Indian Ayush drug Manufacturers/ Ayush Service providers to give boost to the export of AYUSH products & services; facilitates the International promotion, development and recognition of AYUSH system of medicine; foster interaction of stakeholders and market

development of AYUSH at international level; promote academics and research through the establishment of AYUSH Academic Chairs in foreign countries and holding training workshop/symposiums for promoting and strengthening awareness and interest about AYUSH Systems of Medicine at international level.

The Ministry of Ayush has taken the following steps towards the international recognition for AYUSH systems of medicine:

- a. Signed 24 Country to Country MoUs for Cooperation in field of Traditional Medicine and Homoeopathy with foreign nations.
- b. Signed 40 MoUs with international institutes for undertaking Collaborative Research / Academic collaboration.
- c. Signed 15 MoUs with international institutes for setting up of AYUSH Academic Chairs in foreign nations.
- d. Supported the establishment of 39 Ayush Information Cells in 35 foreign nations.
- e. Offers scholarships to foreign nationals for undertaking AYUSH courses in recognized AYUSH institutions in India under International Ayush Fellowship/Scholarship Programme.
- f. In cooperation with QCI, got developed Quality Certification programme viz. Ayush mark and Premium mark to increase reliability of standards of ASU&H Products.
- g. Given WHO-GMP (COPP) to 31 Ayurvedic Drug manufacturers to facilitate the export of Ayurveda, Siddha, and Unani & Homoeopathy Drugs.
- h. Signed an agreement with WHO to establish WHO-GCTM in Jamnagar, Gujarat, the ground-breaking Ceremony of which was attended by the Hon'ble Prime Minister of India, Director General of WHO and other esteemed dignitaries on 19.04.2022 in Jamnagar, Gujarat. This Centre aims to provide support to implement WHO's traditional medicine strategy (2014-23) and to support nations in developing policies & action plans to strengthen the role of traditional medicine as part of their journey to universal health coverage.



**Annexure-I**

**Detail of projects supported under Central Sector Scheme on “Conservation, Development and Sustainable Management of Medicinal Plants”**

S. No.	State	No. of Project supported				
		Conservation, Resource Augmentation of medicinal plants and support to JFMCs/BMCs	Quality Planting Material	Information, Education & Communication	Marketing and Trade	Institutional Herbal Garden
1	Andaman & Nicobar	3	0	0	0	2
2	Andhra Pradesh	18	6	5	0	10
3	Arunachal Pradesh	18	1	6	0	3
4	Assam	8	3	13	0	13
5	Bihar	0	1	0	0	1
6	Chhattisgarh	38	0	1	0	2
7	Chandigarh	1	0	0	0	0
8	Delhi	0	3	44	10	14
9	Dadra Nagar Haveli	2	0	0	0	0
10	Goa	4	1	0	0	2
11	Gujarat	39	2	6	0	11
12	Haryana	9	0	3	0	8
13	Himachal Pradesh	17	1	4	0	5
14	Jammu & Kashmir	7	3	2	0	9
15	Jharkhand	10	3	4	0	4
16	Karnataka	32	2	19	0	10
17	Kerala	33	5	10	0	26
18	Ladakh	0	0	2	0	0
19	Madhya Pradesh	44	4	16	1	1
20	Maharashtra	43	4	19	1	21
21	Manipur	14	3	3	0	2
22	Meghalaya	9	0	3	0	0
23	Mizoram	25	1	1	0	3
24	Nagaland	11	3	3	0	1
25	Orissa	27	2	10	0	7
26	Pondicherry	0	0	0	0	1
27	Punjab	9	3	8	0	6
28	Rajasthan	22	3	9	2	9

29	Sikkim	31	2	1	0	0
30	Tamil Nadu	12	1	21	0	14
31	Telangana	2	4	6	3	5
32	Tripura	14	0	0	0	0
33	Uttar Pradesh	11	5	11	0	12
34	Uttarakhand	39	19	14	0	11
35	West Bengal	10	4	20	2	11
	<b>Total</b>	<b>562</b>	<b>89</b>	<b>264</b>	<b>19</b>	<b>224</b>

**Annexure – II**

**Detail of Regional cum Facilitation Centres (RCFCs)**

<b>S. No.</b>	<b>Name and Address of RCFC</b>	<b>State Covered</b>
1.	<b>RCFC (Northern Region-I)</b> Research Institute in Indian Systems of Medicine (RIISM), Joginder Nagar, Dist. Mandi, Himachal Pradesh – 175 015	Chandigarh, Delhi, Haryana, Himachal Pradesh, Punjab, Uttarakhand, Uttar Pradesh
2.	<b>RCFC (Northern Region-II)</b> Sher-e-Kashmir University of Agricultural Sciences & Technology of Kashmir (SKUAST-K), Faculty of Agriculture, Wadura, Sopore - 193201, Jammu & Kashmir	Jammu & Kashmir, Ladakh
3.	<b>RCFC (Central Region)</b> State Forest Research Institute (SFRI), Polipathar, Jabalpur, Madhya Pradesh – 482 008	Chhattisgarh, Madhya Pradesh
4.	<b>RCFC (Eastern Region)</b> Jadavpur University, 188, Raja S.C. Mallick Road, Kolkata – 700032, West Bengal	Bihar, Jharkhand, Orissa, West Bengal
5.	<b>RCFC (Southern Region)</b> Kerala Forest Research Institute (KFRI), Peechi – 680653, Thrissur, Kerala	Andaman & Nicobar, Andhra Pradesh, Karnataka, Kerala, Lakshadweep, Puducherry, Tamil Nadu, Telangana
6.	<b>RCFC (Western Region)</b> Department of Botany, Savitribai Phule Pune University, Ganeshkhind, Pune-411007, Maharashtra	Goa, Gujarat, Maharashtra, Rajasthan, Dadra & Nagar Haveli and Daman & Diu
7.	<b>RCFC (North Eastern Region)</b> Council of Scientific and Industrial Research - North East Institute of Science & Technology (CSIR–NEIST), NH-37, Pulibor, Jorhat, Assam 785006	Arunachal Pradesh, Assam, Manipur, Meghalaya, Mizoram, Nagaland, Sikkim, Tripura

**Annexure-III**

Detail of activities supported under Medicinal Plants Component of National AYUSH Mission (NAM) scheme from the financial year 2015-16 to 2020-21.

S. No.	State	Area supported under cultivation (In ha.)	No. of nurseries	No. of Post-Harvest Management Units	No. of Processing Unit	Marketing infrastructure	IEC activities under Flexi component	No. of farmers for Training
1	Andhra Pradesh	4350	22	12	0	1	12	385
2	Arunachal Pradesh	364	5	1	0	0	1	275
3	Assam	624	4	25	0	5	2	350
4	Bihar	175	7	14	7	0	3	700
5	Chhattisgarh	400	5	10	1	2	6	600
6	Goa	113	4	1	0	0	1	120
7	Gujarat	936	13	12	3	1	9	1200
8	Haryana	420	1	0	0	0	6	75
9	Himachal Pradesh	236	9	13	0	0	3	0
10	Jammu & Kashmir	141	17	5	4	1	4	1207
11	Karnataka	3926	1	14	1	0	14	375
12	Kerala	2269	17	10	0	5	5	200
13	Madhya Pradesh	12551	0	63	0	1	64	1590
14	Maharashtra	1291	6	10	2	1	2	300
15	Manipur	616	6	4	0	2	3	450
16	Meghalaya	178	7	4	0	1	4	100
17	Mizoram	373	10	4	1	1	10	1100
18	Nagaland	752	7	1	0	0	1	0
19	Orissa	866	3	2	0	0	3	200
20	Puducherry	50	1	1	0	0	0	50
21	Punjab	598	11	4	0	0	10	450
22	Rajasthan	4113	16	18	4	6	18	2500
23	Sikkim	237	1	0	0	0	1	0
24	Tamil Nadu	3931	0	4	0	0	0	250
25	Telangana	1674	9	1	0	6	12	1235
26	Tripura	256	0	3	0	0	0	249
27	Uttarakhand	802	6	19	0	0	3	1000
28	Uttar Pradesh	12300	21	65	0	8	32	3200
29	West Bengal	1763	11	34	2	1	6	900

<b>TOTAL</b>	<b>56305</b>	<b>220</b>	<b>354</b>	<b>25</b>	<b>42</b>	<b>235</b>	<b>19061</b>
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**Annexure – IV**

Detail of fund sanctioned for Cultivation of Medicinal Plants and **Infrastructures development (Post-harvest Management units (PHM), processing units and Rural/District collection centres (RCC /DCC)/ retail outlets) under Medicinal Plants Component of National Ayush Mission (NAM) scheme during the last three years.**

**(Amount in lakh)**

S. No.	State Name	Fund Sanctioned for Cultivation of medicinal plants (including state share)			Fund Sanctioned for Infrastructures development (PHM units, processing units and RCC/DCC/retail outlets)		
		2019-20	2020-21	Total	2019-20	2020-21	Total
1	Andhra Pradesh	220.41	0.00	<b>220.41</b>	40.00	0.00	<b>40.00</b>
2	Arunachal Pradesh	26.26	59.50	<b>85.76</b>	0.00	0.00	<b>0.00</b>
3	Assam	0.00	0.00	<b>0.00</b>	0.00	0.00	<b>0.00</b>
4	Bihar	74.49	0.00	<b>74.49</b>	179.97	0.00	<b>179.97</b>
5	Chhattisgarh	0.00	0.00	<b>0.00</b>	0.00	0.00	<b>0.00</b>
6	Goa	9.74	0.00	<b>9.74</b>	10.00	0.00	<b>10.00</b>
7	Gujarat	0.00	0.00	<b>0.00</b>	0.00	0.00	<b>0.00</b>
8	Haryana	0.00	0.00	<b>0.00</b>	0.00	0.00	<b>0.00</b>
9	Himachal Pradesh	54.44	0.00	<b>54.44</b>	20.00	0.00	<b>20.00</b>
10	Jammu & Kashmir	18.29	21.54	<b>39.83</b>	60.00	14.00	<b>74.00</b>
11	Karnataka	114.67	359.88	<b>474.55</b>	20.00	5.00	<b>25.00</b>
12	Kerala	0.00	101.11	<b>101.11</b>	0.00	70.00	<b>70.00</b>
13	Madhya Pradesh	287.87	853.74	<b>1141.61</b>	200.00	90.00	<b>290.00</b>
14	Maharashtra	285.36	0.00	<b>285.36</b>	105.00	0.00	<b>105.00</b>
15	Manipur	15.83	0.00	<b>15.83</b>	0.00	0.00	<b>0.00</b>
16	Meghalaya	31.53	0.00	<b>31.53</b>	0.00	0.00	<b>0.00</b>
17	Mizoram	0.95	10.30	<b>11.26</b>	10.00	10.00	<b>20.00</b>
18	Nagaland	0.00	75.48	<b>75.48</b>	0.00	0.00	<b>0.00</b>
19	Orissa	0.00	0.00	<b>0.00</b>	0.00	0.00	<b>0.00</b>
20	Puducherry	0.78	0.00	<b>0.78</b>	0.00	0.00	<b>0.00</b>
21	Punjab	66.15	0.00	<b>66.15</b>	0.00	0.00	<b>0.00</b>
22	Rajasthan	327.85	0.00	<b>327.85</b>	110.00	0.00	<b>110.00</b>
23	Sikkim	0.00	40.99	<b>40.99</b>	0.00	0.00	<b>0.00</b>
24	Tamil Nadu	260.99	0.00	<b>260.99</b>	20.00	0.00	<b>20.00</b>
25	Telangana	65.75	0.00	<b>65.75</b>	0.00	0.00	<b>0.00</b>
26	Tripura	0.00	0.00	<b>0.00</b>	0.00	0.00	<b>0.00</b>

27	Uttarakhand	133.60	0.00	<b>133.60</b>	30.00	0.00	<b>30.00</b>
28	Uttar Pradesh	0.00	503.01	<b>503.01</b>	0.00	100.00	<b>100.00</b>
29	West Bengal	160.93	0.00	<b>160.93</b>	171.80	0.00	<b>171.80</b>
	<b>TOTAL</b>	<b>2155.89</b>	<b>2025.56</b>	<b>4181.45</b>	<b>976.77</b>	<b>289.00</b>	<b>1265.77</b>

**GOVERNMENT OF INDIA  
MINISTRY OF AYUSH**

**LOK SABHA  
UNSTARRED QUESTION NO. 4078  
ANSWERED ON 24<sup>th</sup> March , 2023**

**AYUSH Hospitals and Medical Colleges in Andhra Pradesh**

4078. SHRI SRIDHAR KOTAGIRI:

Will the Minister of AYUSH be pleased to state:

- (a) whether the Government has envisaged proposals to sanction AYUSH hospitals under the National AYUSH Mission (NAM) in Andhra Pradesh in the next financial year and if so, the details thereof and if not, the reasons therefor;
- (b) the details of the Integrated Hospitals sanctioned under NAM in Andhra Pradesh during the last three years;
- (c) the number of AYUSH Hospitals and Medical Colleges which are providing medical facilities and education in Andhra Pradesh as on date, district-wise; and
- (d) the details of specific criteria to sanction AYUSH hospitals under the NAM?

**ANSWER  
THE MINISTER OF AYUSH  
(SHRI SARBANANDA SONOWAL)**

(a) and (b) Public Health being a State subject, setting up of AYUSH hospitals in Andhra Pradesh comes under purview of respective State Government. However, under NAM, there is provision of financial assistance for setting up of integrated AYUSH hospitals and State Government may avail the eligible financial assistance by submitting suitable proposal through State Annual Action Plans (SAAPs) as per the NAM guidelines. Under NAM, as per the proposals received from State Government of Andhra Pradesh through SAAPs, 2 units of integrated Ayush Hospital have been approved one each at Kakinada and Vishakhapatnam respectively during the last three years.

(c) The number of AYUSH Hospitals and Medical Colleges which are providing medical facilities and education in Andhra Pradesh is furnished as **Annexure**.

(d) The proposal for setting up of 50 /30 /10 bedded integrated AYUSH hospitals is required to be submitted by the State/UT Governments through State Annual Action Plan (SAAP) along with Detailed Project Report (DPR), Land ownership rights and commitment of creation of regular posts as per the criteria mentioned in the NAM guidelines.

## Annexure

The number of AYUSH Hospitals and Medical Colleges which are providing medical facilities and education in Andhra Pradesh

District-wise/System-wise Distribution of Ayush Hospitals in Andhra Pradesh as on 01.04.2021

S.No	Name of the District	Ayurveda	Unani	Siddha	Yoga	Naturopathy	Homoeopathy	Sowa-Rigpa	Total
1	Krishna	1	-	-	-	-	1	-	2
2	East Godavari	-	-	-	-	-	1	-	1
3	Nellore	1	-	-	-	-	-	-	1
4	Kadapa	-	-	-	-	-	1	-	1
5	Kurnool	1	2	-	-	-	-	-	3
	<b>Total</b>	3	2	0	0	0	3	0	8

Details of Ayush Medical College and Hospitals in Andhra Pradesh		
Sr. No.	College Details	System
1.	Dr. NR Shastry Govt. Ayurvedic College, MG. Road, Vijayawada-520002, Urban Mandal, Krishna District. Andhra Pradesh	Ayurveda
2.	Sri Venkateshwara Ayurvedic College, SVIMS Campus, T T Devasthanam, Tirupati North-517507, Andhra Pradesh	Ayurveda
3.	Sri Adi Shiva Sadguru Alli Saheb Sivaaryula Ayurvedic Medical College and Research Centre, Guntakal-515801, Anantapur, Andhra Pradesh	Ayurveda
4.	Dr. Abdul Haq Unani Medial College & Hospital, 40/23, Park Road, Kurnool, Andhra Pradesh-518001	Unani
5.	A.S.R. Homoeopathic Medical College, Y -Junction,, Prathipadu, Tadepalligudem, West Godavari	Homoeopathy
6.	Dr. Allu Ramalingaiah Govt. Homoeopathic Medical College, 26-1-11, Y-Junction, Rajamahendravaram, East Godavari, Andhra Pradesh, 533106	Homoeopathy
7.	Dr. Gururaju Govt. Homoeopathic Medical College, Gudivada, Krishna Distt.- 521 301	Homoeopathy
8.	Govt. Homoeopathic Medical College, Rama Raju Palli, Ravindra Nagar Post, Kadapa, Cuddapah, Andhra Pradesh, 516003	Homoeopathy
9.	KKC Homoeopathic Medical College, 1-52, KKC Nagar, Parameswara Mangalam, Chittoor, Andhra Pradesh, 517584	Homoeopathy



10.	Maharajaha Institute of Homoeopathy Sciences and Hospital, D.NO: 31-15,, Nellimarla Near M.D.O. Office, Nellimarla, Vizianagaram, Andhra Pradesh, 535217	Homoeopathy
11.	Sri Adi Shiva Satguru Ali Saheb Shivaaryula Homoeopathic Medical College, Thimmapuram, NH-63, Near Anjineyaswamy Temple, Guntakal, Anantapur, Andhra Pradesh, 515801	Homoeopathy

GOVERNMENT OF INDIA  
MINISTRY OF AYUSH

**LOK SABHA**  
**UNSTARRED QUESTION NO. 4081**  
ANSWERED ON 24/03/2023

**Unani Medicine**

4081. SHRIMATI SAJDA AHMED

Will the Minister of AYUSH be pleased to state:

- (a) the details of the initiatives taken by the Government for the promotion and development of Unani medicine;
- (b) the details regarding development of new Unani drugs and clinical trials conducted during the last one year;
- (c) the steps taken by the Government to promote Indian-Unani medicines on global platforms including Middle-East Asia; and
- (d) whether the Government proposes to set up new Unani Medical Colleges in West Bengal, if so, the details thereof?

**ANSWER**

THE MINISTER OF AYUSH

(SHRI SARBANANDA SONOWAL)

- (a) To provide the impetus to Unani system of medicine, Ministry of Ayush, Government of India has setup the Central Council for Research in Unani Medicine (CCRUM), New Delhi and

National Institute of Unani Medicine (NIUM), Bengaluru, for education and research in Unani system of medicine which includes development of new drugs as well as conducting clinical trials on scientific lines. A satellite institute of National Institute of Unani Medicine with attached hospital has been established at Ghaziabad, Uttar Pradesh. A total number of 22 Institutes/Centres/Units are also working under the CCRUM across the country.

The CCRUM has taken various initiatives for promotion of the Unani system of Medicine in the country by different methods, e.g., providing treatment through General Out Patient Department (OPD), Reproductive & Child Health (RCH) OPD, Geriatric OPD, Non-Communicable Diseases (NCDs) Clinic etc. conducted by the peripheral Institutes/Units of the Council. The Council is also promoting Unani system of medicine through Arogyas, Health Melas, Health Camps, and Exhibitions etc. Besides the school health programme and clinical mobile research programme, a SCSP/TSP mobile health program is being carried out by the Council. Under this programme, villages having SC/ST population have been selected to create awareness for preventive aspects of different diseases and to provide treatment to the patients through different centres of the Council.

(b) The CCRUM has conducted clinical trials on 07 new drugs for migraine, anaemia, bronchial asthma, Arthritis, etc. and also conducted clinical validation studies on 66 pharmacopoeial drugs, as per details at **Annexure-I**. The details of clinical trials conducted by NIUM are as per details at **Annexure-II**.

(c) In order to promote the Unani medicine at global level, an academic Chair was set up at School of Natural Medicine, University of Western Cape, South Africa under a Memorandum of Understanding (MoU) signed between Central Council for Research in Unani Medicine (CCRUM) and University of Western Cape, South Africa. CCRUM has also signed an MoU with Hamdard University, Bangladesh to set up an academic Chair. An MoU between CCRUM and Tajik State Medical University, Tajikistan (named after Avicenna) for cooperation in the field of Traditional Medicine was also signed in the presence of Hon'ble President of India and Hon'ble President of Tajikistan in Dushanbe, Tajikistan. A Minutes of the Meeting (MoM) was signed by Ministry of Ayush with Ministry of Health in Iran for cooperation in the field of traditional medicine. CCRUM is also actively engaged with World Health Organization (WHO) and many activities have been taken up with WHO such as Developing Benchmarks for training and practice in Unani Medicine, Developing Benchmarks for International Unani Terminology and inclusion of Unani Morbidity Codes in International Classification of Diseases (ICD)-11 Ayurveda, Siddha & Unani (ASU) Traditional Medicine (TM) 2 Chapter.

(d) No such proposal under consideration.

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**Central Council for Research in Unani Medicine**

**A. New drug development:**

<b>S. No.</b>	<b>Title of the Study</b>	<b>Name of the Institute</b>
1.	<i>Cap Shaqiqa</i>	RRIUM, Chennai
2.	K 2019	RRIUM, New Delhi
3.	Safoof-e-Dama Halদিwala	CRIUM, Hyderabad
4.	UNIM D 2000	RRIUM, Aligarh
5.	Qurs Mafasil	NRIUMSD-Hyd.
6.	Capsule Nazla	RRI-Patna
7.	Qurs Mulayyin	RRI-Aligarh

**B. Clinical Validation Studies:**

<b>S. No.</b>	<b>Unani Formulation</b>
1	Hab e mudir
2	Sharbat-e-Khaksi
3	MajunZanjabeel
4	Sufoof -e- Chobchini
5	MajoonUshba and MarhamQooba
6	ArqChiraita
7	Habb-e-Kalaf
8	MajoonTeewaj
9	Hab e MusaffiKhoon
10	LaoqFalij and Roghan e Mom
11	JawarishZarooniSada
12	MajoonHajr-ul-Yahood
13	Habb-e-Karanjwa
14	Hab-e-Mubarak
15	Qurs-e-Atash
16	JawarishQurtum
17	Habb-e-Irq un Nisa
18	Itrifal Mundi and Marham-e-Raskapoor
19	MarhamGulabi
20	JawarishKundur with Oxybutanin
21	Qurs-e-Anjabar
22	Khameera-Gozaba-Sada
23	Majoon-Najah

24	ItrifalAftimoon
25	ItrifalKishneezi
26	Laooq-e-Shamoon
27	Roghan-e-Naf-e-Warm-e-Niqras and Majoon-e-Yahya Bin Khalid
28	Safoof e SuranjanZafrani
29	MajoonBaladur
30	MajoonBoolus
31	HabbeKibreerSagheer
32	Roghan-e-Narjeel and QursAsfar
33	Habb-e-Qula
34	Marham e Ejaz
35	Raughan-e-Banafsha
36	Roghan-e-Kaddu-Shireen
37	Tiryaaq e Reham
38	KushtaBaizaMurgh
39	Majoon-e-SohagSonth
40	Sailani
41	Kundri
42	Habb e KhubsulHadeed
43	Habb-e-Luab-e-Behidana
44	Jawarish-Pudina-Wilayati
45	Majoon-Khabs-ul-Hadeed
46	HabbePachlona
47	Majoon-e-IspandSokhtani
48	Qurs-e-Zarishk
49	Habb e Mafasil and Zamad e Muhallil
50	Raughan-e-Qaranful
51	Habb-e-Irq-un-Nisa
52	Majoon-e-Azaraqi and Roughan-e-Surkh
53	HabbeKhunaq
54	Habb e Banfasha
55	LaooqZeequnNafasBalghami
56	Laooq-e-Zeequn-Nafas
57	Habb-e-Hindi Zeeqi
58	Laooq-e-Hulba
59	Sufoof-e-Ziatetus-Dulabi
60	Qurs-e-Dawa-ul-Shifa
61	Majoon Lana
62	SafoofHazimKalan

63	Itrifal-Kabir
64	Jawarish-e-Pudina
65	Jawarish-e-DarchiniQawi
66	Majoon-e-SangdanaMurgh

**National Institute of Unani Medicine, Bangalore**  
**Details of Clinical Trials of 2022**

1. A comparative study on the Efficacy of Habb e Suranjan and Roghan-e-Haft Barg vs Paraffin Wax Therapy in Adhesive Capsulitis.
2. A Clinical Study on Comparative Efficacy of Poly herbal Unani Formulations in Naqs-e-Nauz (Erectile Dysfunction): An Open Labelled Randomized Controlled Clinical Trial.
3. Efficacy of Safoof Muhazzil in Simane mufrit -A Randomised Placebo Controlled Clinical Trial.
4. Efficacy of Arjun Ch al as adjunct in Essential Hypertension: A Randomized controlled study.I
5. Clinical efficacy and safety of herbal formulation of Unani medicine in symptomatic gastroesophageal reflux disease (GERD): A Randomized Controlled study
6. Evaluation of Efficacy of Sufoof-e-Indrijulab and Sufoof-e- Shora Qalmi in Chronic Kidney Disease-A Randomized Comparative Controlled Clinical Trial
7. Efficacy of Bozidan in Hyperuricemia -A Randomized Single Blind Active Controlled Clinical Trial
8. Efficacy of Jadwar in Subclinical Hypothyroidism: A Randomized Single Blind, Placebo Controlled Trial
9. Effect of Majoon- e -Rasheedi on Benign Prostatic Hyperplasia- A Randomized Open Labelled Comparative Clinical study
10. Effect of Itrifal-i-Saghir in Stress Urinary Incontinence – A randomized controlled trial
11. Effect of Jawārish-i-qurṭum in Premenstrual Syndrome – A Randomized Controlled Study
12. Effect of Unani treatment regimens in uterovaginal prolapse – An open observational study
13. Effect of Marhame Bāsālīqūnin Qurūḥ al Raḥīm (Cervical Erosion): An open observational study
14. Effect of Asarun on menstrual regulation in women with polycystic ovarian syndrome- An open observational study
15. Comparative study of Abhaland Mefenamic Acid in Primary Dysmenorrhoea
16. Effect of Anisoon in Menopausal Women with Psychological Symptoms: A Randomized Placebo-Controlled Study
17. Comparative clinical study on Dawa’-i-Khaṣ and Qurṣ-i-Gulnar in Heavy menstrual bleeding.
18. Efficacy of Massage with Roghan-i-Haft Barg in the Management of Hemiplegic Shoulder Pain Syndrome -A Randomized Controlled Clinical Trial
19. Efficacy of Hijama-i-Nariyain the management of pain and disability of Irqunnasa (Sciatica) - A Randomized Controlled Clinical Trial
20. Comparative evaluation of Dalk-i-Mu’tadil with Roghan-i-Qust versus Roghan-i-Sosan in Distal Symmetric Polyneuropathy (DSPN) of Diabetic origin–A randomised clinical trial
21. Efficacy of Tila (Liniment) application in pain and disability Management of Shaqqa-i-Muzmin (Chronic Migraine)
22. Efficacy of Dalk-i-Layyin Kathir with Roghan-i-Suranjan in the management of Waja’ul Katif (Frozen Shoulder) - A Randomized Controlled Clinical Trial
23. A comparative study of Marham-e-safedab with Lignocaine ointment 5% in Shiqaq-al-maqad (Anal Fissure)
24. A Comparative Study of Effect of Diltiazem, Zaroore Aelwa and Zaroore Anzarootin the treatment of Fissure in Ano
25. Therapeutic Effect Of Majoon Hajrul Yahood In Patients Of Hasat-E-Bauliyah(Urolithiasis)-A Randomised Placebo Control Study
26. A Comparative Clinical Study of Marham-e-Raal and Povidone Iodine 5% Ointment in Post-operative wound healing
27. Efficacy of Marham-e-Ajeeb in Non-healing ulcers - A randomized, standard controlled clinical trial

28. A comparative clinical study on the efficacy of Dawa-e-Bars and Safoof-e Bars in Bars (Vitiligo)
29. A Comparative clinical study on the effects of Joshanda Aftimoon with Aab e Chuqandar and Bora Armani vs. Joshanda Khubazi in Huzaz (Pityriasiscapitis)
30. A Comparative Clinical Study on the Efficacy of Joshanda Haleela Siyah with Tila-e-Tukhm Turb and Tukhm Jarjir vs Tukhm Kharpazah and Aard Baqla in Kalaf (Melasma)
31. A clinical study on comparative Efficacy of Joshanda Haleela Siyah with Marham Asfadez and Marhame Hindi in Palmoplantar psoriasis
32. Efficacy of Safoof Chob Gaz wala and Roghan Post Narjeel in Tinea cruris – An Interventional Single Arm Clinical Study
33. Study on Nafsiyati wa Samaji Aaraz (Psychosocial impact) of SARS-CoV-2 among health care professionals in Bengaluru
34. “Efficacy of Dawaushifa in the Secondary Prevention of Imtila Bi Hasbul Auiya (Zightuddam Qawi)”
35. Association of Waja’ al-Mafāşil in the patients of Dhayābīţus, attending NIUM Hospital: A Cross Sectional Study
36. Assessment of Risk Perception and Hesitancy towards COVID-19 Vaccination among the people of Bengaluru: A Cross Sectional Study
37. Evaluation of the effect of Baboona (Chamomile matricaria) on Sahr among Mashaiq
38. ‘Survey of relationship between self-perceived health status, HbA<sub>1c</sub>, FBS, PPBS and symptoms among Diabetic patients visiting NIUM, Bangalore hospital’
39. Drugs prescribing pattern for upper respiratory tract infections in Unani and conventional medicine and their effectiveness in alleviating the symptoms
40. A Reverse Pharmacological study of Munzij and Mushil e Balgham (Phlegm Concocting and Expelling) therapy in Falije Balghami (Phlegmatic Paralysis)
41. Efficacy of Unani Formulations, Irsale Alaq and Terbinafine in Quba – A Comparative Randomized Controlled Clinical Trial
42. Efficacy of Habb-e-Mubarak, Habb-e-Hind Zeeqi and Montelukast in Zeeq-un-nafas – A Randomized Open Labelled Controlled Clinical trial.

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**GOVERNMENT OF INDIA**  
**MINISTRY OF AYUSH**  
**LOK SABHA**  
**UNSTARRED QUESTION NO. 4082**  
**TO BE ANSWERED ON 24<sup>th</sup> MARCH, 2023**

## **Construction of AYUSH College and Research Center**

**4082. SHRI VIJAY KUMAR:**

Will the Minister of AYUSH be pleased to state:

- (e) whether the proposed inclusion of homoeopathic doctors in the AYUSH Department has not been done so far, if so, the details thereof;
- (f) whether the Government has any proposal for the construction of a new AYUSH College and Research Centre in Bihar particularly in Gaya district and if so, the details thereof; and
- (g) the time by which it is likely to be constructed and made operational?

**ANSWER**

**MINISTER OF AYUSH**



**(SHRI SARBANANDA SONOWAL)**

**(a)** As per the ‘Allocation of Business Rules 1961’, Government of India, Homoeopathy is already an integral part of Ministry of Ayush.

**(b)** No, the Government has not proposed for construction of new AYUSH College and Research Centre in Bihar.

National Commission for Homoeopathy (NCH) and National Commission for Indian System of Medicine ((NCISM), mainly receives such proposals for opening up of new AYUSH medical colleges.

NCH has not received any proposal for construction of a new Homoeopathy College and Research Center in Bihar/ Gaya district.

National Commission for Homoeopathy, Ministry of AYUSH is regulating authority of the Homoeopathy medical education & maintaining data of registered practitioners. NCH receives the proposals for opening up of new Homoeopathic medical colleges. NCH examines the application as per NCH Act, 2020 and relevant regulations for permission.

NCISM (National Commission for Indian System of Medicine) has received six (06) Private proposals from Bihar in the academic year 2023-2024 and the current status of permission is enclosed at **Annexure (A)**.

However, Central Council for Research in Ayurvedic Sciences (CCRAS) has functional Research Institute, viz Regional Ayurveda Research Institute (RARI), at Agamkaun, Patna, Bihar and also acquired land at Gaya, Bihar and at present, no Research Institute has been established there. Similarly Central Council for Research in Homoeopathy, New Delhi (CCRH) has a functional Clinical Verification unit (Homoeopathy) at Guru Govind Singh Hospital, 2<sup>nd</sup> Floor, Patna, Bihar.

**(c)** In view of the reply to (b) above, the question does not arise.

## ANNEXURE (A)

SL. No.	State	College Name	Name of Trust	Name of Affiliating University	Govt./ Private	Propos
1.	Bihar	Dr. S.P. Singh Ayurvedic Medical College and Hospital , Mothari Balganga , Areraj road , East champaran845437	Lord Budha Educational Trust Raja Bzar Kachahari Road Motihari -845401	Aryabhatta Knowledge University , Mithapur ,patna 800001	Private	To establishm Ayurveda Me College with UG(BAMS) s the session 20
2.	Bihar	Kurma Sanskriti Ayurveda Medical College And Hospital , P.O- Kosdhra , Thana Parasbigha, Jehanabad-804408	Satyam Educational Health And Charitable Trust J-189 P.C Colony, Kankarbagh, Patna	Aryabhatta Knowledge University , Mithapur ,Patna 800001	Private	To establishm Ayurveda Me College with (BAMS) seats session 2023-
3.	Bihar	Satya Ayurvedic Medical College & Hospital Chiwtaha, Kotwa Road ,845401		Kameshwar Singh Darbhanga Sanskrit University, Darbhanga.	Private	To establishm Ayurveda Me College with UG(BAMS) s the session 20
4.	Bihar	Acharya Dhrubasha Ayurved Medical College , Hospital Research Center	Acharya Dharubaha Foundation Sonbarsha Road , Dhurbh Nagar 843322	Not Found	Private	To establishm Ayurveda Me College with (BAMS) seats session 2023-
5.	Bihar	J.P Institute Of Ayurvedic And Medical Sciences Sattar Panchmuhani ,Sarai Maner Patna 801113 Bihar	J.P Institute Of Ayurvedic And Medical Sciences	Aryabhatta Knowledge University , Mithapur ,patna 800001	Private	To establishm Ayurveda Me College with UG(BAMS) s the session 20
6.	Bihar	Yamuna Ayurvedic Medical College & Hospital, Dmdama, Banwara, Kaith, Dist-Begusarai, Bihar-851131	Orhul Yamuna Foundation, BM Hopital Campus, Bishnupur, Dist Begusarai, Bihar-851129	Ayrabhatta Knowledge University Patna Bihar	Private	To establishm Ayurveda Me College with UG(BAMS) s the session 20

**GOVERNMENT OF INDIA  
MINISTRY OF AYUSH**

**LOK SABHA  
UNSTARRED QUESTION NO. 4091  
TO BE ANSWERED ON 24<sup>th</sup> MARCH, 2023**

**RESEARCH IN AYURVEDIC FIELD**

**† 4091. SHRI SUDARSHAN BHAGAT:**

Will the Minister of AYUSH be pleased to state:

- (a) whether a huge quantum of research is being done in the Ayurvedic field in the country during last five years;
- (b) if so, the details thereof; and;
- (c) if not, the reasons thereof?

## **ANSWER**

### **THE MINISTER OF AYUSH (SHRI SARBANANDA SONOWAL)**

(a) & (b) Central Council for Research in Ayurvedic Sciences (CCRAS), an Autonomous Organization under Ministry of Ayush is undertaking, co-ordinating, formulating, developing and promoting research on scientific lines in Ayurvedic sciences. The activities are carried out through its 30 Institutes/Centres/Units located all over India and through collaborative studies with various Universities, Hospitals, and Institutes. The Council conducts research in the diverse areas comprising of Clinical Research, Medicinal Plant Research, Drug Standardization & Quality Control; Pharmacological Research and Literary & Fundamental Research to generate tangible evidence. The Council has also completed 68 clinical research projects during last 5 years as per Annex-I.

Institute of Teaching and Research in Ayurveda (ITRA), Jamnagar; National Institute of Ayurveda (NIA), Jaipur and All India Institute of Ayurveda, (AIIA) New Delhi offer postgraduate degree programs in different specialties of Ayurveda. These institutes also offer research degree of PhD. National Institute of Ayurveda has completed 1328 research projects. 451 research projects are ongoing.

The Ministry of Ayush is also running/implementing the Central Sector Scheme namely Ayurgyan Scheme having two components, i.e. (i) Capacity Building & Continuing Medical Education (CME) in Ayush (ii) Research & Innovation in AYUSH from the FY 2021-22. The main aim of the Ayurgyan Scheme is to support Research & Innovation in Ayush by Extra Mural Research and Education by providing academic activities, training, Capacity Building etc. The scheme is being implemented throughout the country. Under the Scheme, financial assistance is provided to the Organizations/ Institutions for

research studies as per the provisions contained in the scheme guidelines, for promotion of Ayush research and to support research & Innovation in Ayush. 85 projects have been sanctioned under the scheme from the FY. 2018-19 to 2022-23 (so far). Details are at Annex-II.

The Ministry is also funding the projects under Centre of Excellence component of Ayurwashthya Yojana for research activities on Ayurveda. 13 projects have been sanctioned from the FY. year 2020-21 to FY. 2022-23 (so far). Details are at Annex -III

(c) Does not arise.

**Annex-I**

**Completed Clinical projects from 2017-18 to 2021-22**

1. Clinical evaluation of Parthadyarishtha (Arjunarishtha) and Sarpagandha Vati in the management of Essential Hypertension (Uccha Raktachaap)
2. Clinical evaluation of Rudraksha Churna in the management of Essential Hypertension (Uccha Raktachaapa)
3. Clinical evaluation of Vyoshadi Guggulu and Panchasama Churna in Amavata (Rheumatoid Arthritis)
4. Clinical Evaluation of the Efficacy and Safety of Mamajjaka Ghanavati in Madhumeha (Type 2-Diabetes)
5. Clinical Evaluation of Shirodhara with Amalaki Kwath in the Patients of Anxiety Neurosis
6. Comparative Observation on changes in Serum Lipid Profile in patients undergoing Snehana with pure Ghee in one group and Mahatiktak ghrita in other group
7. Effect of Sankara Sweda with Kolakulathadi Churna heated in Dhanyamla, Simhanada Guggulu with Rasna Saptak Kashaya in Rheumatoid Arthritis wrt pain and stiffness
8. Evaluation of the Effect of Upanaha treatment with Vachadi upanaha churna in Osteoarthritis (OA Knee) wrt pain and stiffness of joints (RFD)
9. Evaluation of the effect of Jambheera Pinda Sweda in Cervical Spondylosis w.r.t. Clinical Symptomatology
10. Evaluation of changes in serum electrolyte level (na, k etc.) after Virechan karma
11. Clinical evaluation of efficacy of Panchtiktaguggulu Ghrita and Brihanmarichadya Taila in the management of Psoriasis w. s. r. to Pathya-apathya
12. Clinical evaluation of Goksura churna and Sveta parpati in the Management of Mutrasmari (Urolithiasis)
13. Clinical evaluation of efficacy of Khadirarishta and Kanchanara guggulu in the management of Uterine Fibroid – An exploratory study
14. Clinical evaluation of Punarnava Guggulu and Rasna Saptaka Kashaya in the management of Rheumatoid Arthritis (Amavata)
15. A Clinical evaluation of Triphala Guggulu and Kasisadi Taila in the management of Arsha (Haemorrhoids)
16. Therapeutic evaluation of Rasnadi Gutika and Chandrakala lepa in Janusandhigata vata (Osteoarthritis)
17. Clinical evaluation of Kaishore Guggulu and Madhusnuhi Rasayana in the management of Gout (Vatarakta)
18. Clinical evaluation of Abhadya Churna and Muktaashukti Bhasma in the management of Osteopenia / Osteoporosis (Asthikshaya)
19. Clinical evaluation of Laksha Guggulu and Muktaashukti Bhasma in the management of Osteopenia/Osteoporosis
20. Clinical Evaluation of Certain Ayurvedic Formulations In The Management of Sthoulya (Obesity)

21. Clinical evaluation of Mandura vataka in the management of Pandu (Iron deficiency Anaemia)
22. Clinical evaluation of Sukumara Ghritam and Brahmi churnam in the management of Menopausal syndrome
23. Clinical evaluation of Kalyanak Ghrita in the management of Cognitive Deficit (Smriti Daurbalya)
24. Clinical evaluation of the efficacy of Trayodashanga Guggulu, Maharasnadi Kwatha and Prasarani Taila in the management of Gridhrasi (Sciatica)
25. Clinical Evaluation of Rasnadi Kvatha churna (Maha), Trayodashanga Guggulu and Brihatsaindhavadya Taila in the Management of Osteoarthritis of Knee (Janugata Sandhivata)
26. Assessment of therapeutic efficacy and safety of Sitopaladi Churna with Madhu in the management of Kasa (Stable Chronic Bronchitis)
27. Clinical efficacy of Talisadi Churna in the management of Kasa (Stable Chronic Bronchitis)
28. Clinical evaluation of Haridrakhanda and Triphala Kwatha in the management of chronic Allergic Conjunctivitis (Kaphaja Abhishyanda)
29. A Pilot Evaluation of Safety and Efficacy of an Ayurvedic Formulation (AYUSH-64) for accelerating the recovery in cases of Influenza like Illness.
30. Clinical evaluation of Panchamrit Lauha Guggulu and Panchgunataila in the management of Cervical Spondylosis (Greevagraha)
31. Clinical Evaluation of Ayurvedic formulations in the management of Parikartika (Fissure in Ano)
32. Clinical Evaluation of Kantakaryavaleha and Eladi Gutika in the Management of Mild Stable Bronchial Asthma (Tamaka Shwasa)
33. Clinical evaluation of AYUSH-PE eye drops in the management of Acute Allergic Conjunctivitis.
34. Clinical evaluation of an Ayurvedic formulation in the management of Allergic Rhinitis-a pilot study
35. Clinical evaluation of Saptasaram Kashayam & Saraswatharishtam in the management of Primary Dysmenorrhoea- An Exploratory study
36. Clinical Evaluation of Efficacy of Indukanta Ghrita and Trayodashanga Guggulu in the Management of Rheumatoid Arthritis vis –a–vis Amavata
37. Clinical Evaluation of Eladi Churna and Draksharishta in the management of Kasa (Stable Chronic Bronchitis)
38. Clinical evaluation of the efficacy of Pushyanug Churna in the management of Sweta Pradara w.r.t. Bacterial Vaginosis (Leucorrhoea)
39. Clinical Study on Efficacy and Safety of an Ayurvedic Formulation Kutajavleha in the management of Grahani Roga



40. Clinical evaluation of Svadamshtadi Kashaya and Hajarulayahuda Bhasma in the Management of Mutrashmari (Urolithiasis)
41. Clinical evaluation of Drakshasava in the management of Pandu (Iron Deficiency Anaemia)
42. Clinical evaluation of Shadbindu Taila Nasya and Chitraka Haritaki in the management of Pinasa (Chronic Rhinosinusitis)
43. Clinical evaluation of Pathyadi Kwatha and Anu Taila Nasya in the management of Ardhavabhedaka (Migraine).
44. Clinical evaluation of the efficacy of Pushyanuga Churna and Usheerasava in the management of Abnormal Uterine Bleeding.
45. Clinical evaluation of Jatiphaladya Churna & Chitrakadi Gutika in the management of Grahani
46. Clinical evaluation of Panchatikta Ghrita and Gandhakadya Malahara in the management of Vicharchika (Eczema)
47. Clinical Evaluation of Chitraka Haritaki and Lavangadi Vati in the management of Kaphaj Kasa (Stable Chronic Bronchitis)
48. Clinical evaluation of Agashtya Haritaki Rasayana and Apamarga Kshara in the management of Mild Stable Bronchial Asthma (Tamaka Shwasa)
49. Clinical efficacy of Kaishore Guggulu and Balaguduchyadi Taila in the management of Gout (Vatarakta)
50. Clinical evaluation of the efficacy of Soubhaya Shunthi Paka and Dashmularishta in Sutika Paricharya (Post Natal Care)
51. Clinical evaluation of Drakshavaleha in the management of Pandu (Iron Deficiency Anaemia)
52. Clinical evaluation of Shatavari Guda and Ashokarishta in the management of Asrigdara (Abnormal Uterine Bleeding)
53. A Prospective open labelled observational study to document the potential safety issues and prescription trends in Selected Rasausadhi's in CCRAS -OPD'S across India.
54. Clinical Evaluation of Shirodhara with Amalaki Kwath in the Patients of Anxiety Neurosis
55. Comparative Observation on changes in Serum Lipid Profile in patients undergoing Snehana with pure Ghee in one group and Mahatiktak ghrita in other group
56. Effect of Sankara Sweda with Kolakulatthadi Churna heated in Dhanyamla, Simhanada Guggulu with Rasna Saptak Kashaya in Rheumatoid Arthritis wrt pain and stiffness
57. Evaluation of the Effect of Upanaha treatment with Vachadi upanaha churna in Osteoarthritis (OA Knee) wrt pain and stiffness of joints (RFD)
58. Evaluation of the effect of Jambheera Pinda Sweda in Cervical Spondylosis w.r.t. Clinical Symptomatology

59. Evaluation of changes in serum electrolyte level (na, k etc.) after Virechan karma with Erandataila
60. Observation on Fistula cutting Time with Ksharasutra used in routine patients of Anorectal Fistula (Bhagandara)

#### **Clinical Collaborative projects during last five year**

1. Clinical study of 'AYUSH Rasayana A & B' in Elderly subjects with AIIMS, New Delhi & BHU, Varanasi;
2. Development of Bio-medical instrumentation for Ksharasutra chamber for preparation of standardized Ksharasutra with IIT, New Delhi
3. Validation of Prakriti Assessment Questionnaire/Scale with reputed organizations have been completed
4. A Randomized Placebo Controlled Prospective Phase II Clinical Study of an Ayurvedic Coded Drug 'AYUSH-D' on Glycemic control in Pre-Diabetic Subjects
5. A Randomized Placebo Controlled Phase II Clinical Study of an Ayurvedic Coded Drug 'AYUSH-D' in the management of Type 2 Diabetes Mellitus as add on Therapy to Metformin
6. Multi-centric Collaborative Double Blind study on clinical evaluation of AYUSH-SL in chronic Filarial Lymphoedema in patients receiving mass drug administration
7. Controlled Clinical Trial to assess the effectiveness of topical application of C1 herbal oil on superficial external wound and spilt thickness skin graft donor's site for surgical wound healing
8. Evaluation of Add on Efficacy & Safety of an Ayurvedic coded Formulation in the management of Dengue Fever & Prevention of its complications –A Double Blind Clinical Study

**Annex-II**

**Ayurveda Research projects under erstwhile EMR scheme in Financial Year 2018-19**

Sl. No.	Title of the project
1	"Potential anti-oxidant effect of selected Ayurvedic herbs in Parkinson and Alzheimer disease"
2	"Validation of safety, Efficacy and Quality and Preparation of Drug Master File of Classical Ayurvedic Formulation Vasaguduchyadi Kashayam and Katakakhadoradi kashyam"
3	"Cytotoxic, antitumor and anti-angiogenesis evaluation of Cow Urine (Go-mutra) based medicinal plant extract against Ehrlich ascites cells bearing mouse"
4	"The neuroprotective effect of herbal extracts derived from Allium cepa in mouse of retinal ganglion cells (RGC) damage"
5	"An experimental approach towards Bone marrow and microenvironment in Leukemia by using Ashwagandha (withania somifera) and Bhringaraj (Eclipta alba): Two candidate inhibitors of Hedgehog and NF-kB pathways"
6	"A Randomized Controlled Trial to assess the efficacy of Gut Therapy (Koshta Chikitsa) for managing Dysbiosis in children with Autism"
7	"Evaluation of Novel Pharmacological Agents in Arjuna and Tulsi in Experimental Pulmonary Artery Hypertension in Rats"

8	“Antimicrobial Efficacy and Mechanisms of Herbal Extracts Fractions (Traditional Herbal Tooth Powder Formula) on Biofilm Forming Cariogenic Microorganisms”
9	“Prospective parallel group open label study to assess the changes in clinic-pathological variables in patients of Diabetic Nephropathy stage III receiving Ayurvedic Treatment Regimen (ATR) versus those not receiving Ayurvedic Treatment Regimen (ATR)”
10	“A Randomized Open Label Controlled Prospective Phase II Clinical Study of HaridraChurna on Glycemic control in Pre-diabetic subjects”
11	The neuroprotective effect of herbal extracts derived from Allium cepa in mouse of retinal ganglion cells (RGC) damage”
12	“Evaluation of Role of Withania somnifera and Celastrus puniculatus in Animal Models of Alcohol Addiction”
13	“Anti-migratory role of black seed extract (thymoquinone) nanoparticle in triple negative breast cancer cells: Evaluation of Molecular mechanisms via miRNA axis”
14	“Preclinical studies on Triphala for its Possible effects in treatment of Microvascular complications of Diabetes”
15	“To study the antitumour potential of Pashaanbhela, Punarnava, Gokshura, and Badra on the human urothelial cell carcinoma (UCC) cell lines”
16	“Effect of Classical Ayurvedic management in PCOS”
17	“Effect of Indian Almond and sweet almond in diabetes induced nephropathy and cataract in rats”
18	“Evaluation of Antiviral Activity of Medicinal Plant Extracts Against Influenza A Virus”

**Ayurveda Research projects under erstwhile EMR scheme in Financial Year 2019-**

**20**

Sl. No.	Title of the project
1	“Evaluation of the effect of Triphala and Trimad for their effect on adipocyte biology and lipid metabolism”
2	“Evaluation of radio protective potential of medicinally important Indian bamboo plants in cancer”
3	“Evaluation of Ashtangahridayokta Brihatyadigana for their efficacy in preclinical model of Acute Renal Failure in Rats”
4	“Toxicity evaluation of Ayurvedic herbo-metallic preparations”
5	“An experimental approach towards Bone marrow and microenvironment in Leukemia by using Ashwagandha (Withania somifera) and Bhringaraj (Eclipta alba): Two candidate inhibitors of Hedgehog and NF-kB pathways”
6	“Search for novel Anti-cataract agents: phytochemical and pharmacological investigation of unexplored medicinal plants of Chhattisgarh state”

7	“Effect of Ayurveda Nootropics on Cognitive Function in breast cancer patients on adjuvant chemotherapy: A randomized controlled trial”
8	“Evaluation of the heavy metals content in market samples of plant raw drugs used in Ayurveda”
9	“Safety Evaluation of two Important Herbo-Mineral Formualtions (Gandhaka Rasayana and MahavatVidhwansan Rasa) used in Ayurvedic practice”
10	“Effect of oral administration of Kalyankaghritamin pediatric spastic cerebral palsy”
11	Experimental and Clinical Studies on Nagapheny (Opuntia elatior mill) an anukta dravya (extra pharmacopial drug with special reference to its haematinic activity
12	Evaluation of ‘Trifala’ as an anti-diabetic drug in human type II diabetes mellitus and diabetic complications
13	Cytotoxic, antitumor and anti-angiogenesis evaluation of Cow urine (Gomutra) based medicinal plant extract against Ehrlich ascites cells bearing mouse
14	Evaluation of Antiviral Activity of Medicinal Plant Extracts Against Influenza A Virus
15	An Experimental & Clinical studies to evaluate the Anti-osteoporotic effect of Panchtikta Ghrita

### **Ayurveda Research projects under erstwhile EMR scheme in Financial Year 2020-21**

Sl. No.	Title of the project
1	Evaluation of radio protective potential of medicinally important Indian bamboo plants in cancer
2	Anti-migratory role of black seed extract (thymoquinone) nanoparticle in triple negative breast cancer (TNBC) cells: Evaluation of Molecular mechanism via miRNA axis
3	Prospective parallel group open label study to assess the changes in clinic-pathological variables in patients of Diabetic Nephropathy stage III receiving Ayurvedic Treatment Regimen (ATR) versus those not receiving Ayurvedic Treatment Regimen (ATR)
4	A Randomized Open Label Controlled Prospective Phase II Clinical Study of HaridraChurna on Glycemic control in Pre-diabetic subjects
5	Potential anti-oxidant effect of selected Ayurvedic herbs in Parkinson and Alzheimer disease
6	An Experimental & Clinical studies to evaluate the Anti-osteoporotic effect of Panchtikta Ghrita
7	The mechanism of Action of Certain Ayurvedic Medicinal Plants on Alzheimer's by Dipeptidyl Peptidase-4 Inhibition Using Herbs

8	Evaluation of the effect of Patrapottali sveda and Thailadhara externally and Panchatiktaka Ksheera and ghruta internally in the management of Sandhivata (Osteo arthritis-knee)”
9	Preclinical Studies on Triphala for its Possible Effects in Treatment of Microvascular Complications of Diabetes
10	Immuno-modulatory effects, protease inhibitory activity and spectroscopic characterization of select ayurvedic prophylactics and formulations: In vitro studies for novel SARS CoV infections
11	To study the antitumour potential of Pashaanbhela, Punarnava, Gokshura, and Badra on the human urothelial cell carcinoma (UCC) cell lines
12	Toxicity evaluation of Ayurvedic herbo-metallic preparations
13	Evaluation of the heavy metals content in market samples of plant raw drugs used in Ayurveda
14	Development and validation of fermentation based immune-modulatory AYUSH kwath formulation
15	Evaluation of the heavy metals content in market samples of plant raw drugs used in Ayurveda
16	Experimental and clinical studies on Nagapheni (Opuntiaelator Mill.) an anuktadravya (extra-pharmacological drug), with special reference to its Haematinic activity
17	A retrospective review of COVID-19 related clinical outcomes following the introduction of the National Clinical Management Protocol (NCMP) on Ayurveda and Yoga and other Ayurveda interventions for COVID-19

**Ayurveda Research projects under erstwhile EMR scheme in Financial Year 2020-21 (Covid projects)**

S.No.	Title of the project
1	Evaluation of Immuno-Modulatory Potential of Selected Ayurvedic Formulations in High Risk Quarantined Subjects and Frontline Healthcare Workers in Covid-19 Care Centre
2	An Open-labelled black box clinical study to investigate efficacy of add on personalized Ayurveda intervention in comparison to stand alone treatment based on ICMR guidelines
3	To evaluate the efficacy of Mahasudarshan Ghan Vati and Vyaghradi Kwath in the management of patients with Covid-19 A pilot study
4	Pre-Clinical efficacy (Immune modulatory) and Safety (Regulatory Toxicology) evaluation of AYUSH formulation 'AyushKwath'
5	Clinical trial to evaluate prophylactic action of Twakadi Herbal Tea in Police professionals working in Covid-19 pandemic

6	Effect of Malla Chandrodaya & Ashtadashangghan vati in Patients with mild to moderate Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) infections: A Propective Observational Study
7	Randomized comparative clinical trial to assess the efficacy of Pippali Rasayana and Nagaradi Kashaya Ghana Vati combination as an adjuvant treatment with ICMR directed therapy in Covid-19 positive mildly symptomatic cases
8	An Open-labelled black box clinical study to investigate efficacy of add on personalized Ayurveda intervention in comparison to stand alone treatment based n ICMR guidelines
9	Pre-Exposure, Ayurveda Prophylaxis for SARS-Coronavirus-2 in Healthcare Workers: A Pragmatic, Risk Stratified, Randomized Clinical Trial
10	Study of Swarna Amalaki as an Immunomodulatory in COVID 19 patients
11	"An interventional, single arm study to observe and assess the effectiveness of 'Vyaghradi Kashaya Tab' in preventing the progression of severity in asymptomatic, mild to moderate COVID-19 cases
12	A Trial of Shirashadi Kasai in Adults Hospitalized with Moderate to Severe Covid-19
13	A Clinical Evaluation of Efficacy of Ayurvedic treatment regimen as an Add-on therapy with Modern Medicine in COVID-19 A Randomized, Multi-centre, single Blind, Prospective Clinical Study
14	A single arm prospective study to evaluate the efficacy and safety of Shatyadi Kashaya and Vasavaleha combination to combat the progression of asymptomatic and mild to moderate cases of Covid-19 in to severe category

### **Ayurveda Research projects under erstwhile EMR scheme in Financial Year 2021-22**

Sl. No.	Title of the project
1	Evaluation of AshtangahridayoktaBrihatyadigana for their efficacy in preclinical model of Acute Renal Failure in Rats'
2	Clinical effect of Ayurvedic Formulation (Withania somnifera, Tinospora cordifolia, Moringa oleifera, Adhatoda vasica, Piper longum, Glycyrrhiza glabra, Ocimum sanctum and Curcuma longa) in COVID-19 patients
3	Antimicrobial Efficacy and Mechanisms of Herbal Extracts Fractions (Traditional Herbal Tooth Powder Formula) on Biofilm Forming Cariogenic Microorganisms
4	Repurposing of Classical Ayurvedic Formulations For Their Anti-Viral Effects on SARS Cov-2 Protease: A Pre-clinical In Vitro Screening Approach
5	Effect of Ayurveda Nootropics on Cognitive Function in breast cancer patients on adjuvant chemotherapy: A randomized controlled trial

6	An open label controlled clinical study to evaluate the efficacy of - Sudarshana churna, Yastimadhu churna and Amritharista as add on therapy to standard care in Mild symptomatic positive COVID-19 patients.
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**Ayurveda Research projects under Research and Innovation in AYUSH component in Financial Year 2021-22**

Sl. No.	Title of the project
1	Pre-Clinical efficacy (immune modulatory) and safety (Regulatory Toxicology) evaluation of Ayush formulation 'AyushKwath
2	Prospective parallel group open label study to assess the changes in clinic-pathological variables in patients of Diabetic Nephropathy stage III receiving Ayurvedic Treatment Regimen (ATR) versus those not receiving Ayurvedic Treatment Regimen (ATR)
3	A Randomized Open Label Controlled Prospective Phase II Clinical Study of HaridraChurna on Glycemic control in Pre-diabetic subjects
4	A Randomized Controlled Trial to assess the efficacy of Gut Therapy (Koshta Chikitsa) for managing Dysbiosis in children with Autism
5	Clinical Evaluation of Ayurveda based Integrative Management of Diabetic Retinopathy
6	An experimental approach towards Bone marrow and microenvironment in Leukemia by using Ashwagandha (Withania somifera) and Bhringaraj (Eclipta alba): Two candidate inhibitors of Hedgehog and NF-kB pathways
7	Evaluation of Role of Withania somnifera and Celastras paniculatus in Animal Models of Alcohol Addiction
8	Evaluation of the effect of Triphala and Trimad for their effect on adipocyte biology and lipid metabolism
9	Preclinical Studies on Triphala for its Possible Effects in Treatment of Microvascular Complications of Diabetes

**Ayurveda Research projects under Research and Innovation in AYUSH component in Financial Year 2022-23**

Sl. No.	Title of the project
1	Effect of Classical Ayurvedic management in PCOS
2	Experimental and clinical studies on Nagapheni (Opuntiaelator Mill.) an anuktadravya (extra-pharmacological drug), with special reference to its Haematinic activity
3	Toxicity evaluation of Ayurvedicherbo-metallic preparations
4	Randomized Controlled Trial on effect of Indigenous Cows Ghrita and Jatyadi Ghrita on wound healing



5	Effect of oral administration of Kalyankaghritam in pediatric spastic cerebral palsy
6	Effect of ghee from indigenous cow milk on cognition and neuro-protection against Alzheimer's disease

**Annex-III**

**List of projects under CoE component of Ayurwashya Yojana for research activities on Ayurveda**

S.No.	Name of the organisation	Name of the project
<b>FY – 2020-2021</b>		
1.	Institute of Teaching and Research in Ayurveda (ITRA), Jamnagar (previous name Gujarat Ayurved University)	Center of Excellence in Gastrointestinal disorders
2.	Interdisciplinary School of Health Sciences, Pune	Pre-clinical study on development of therapeutic adjuvants based on Ayurveda
3.	CIMR, AIIMS, New Delhi	Centre of Excellence for Yoga & Ayurveda
4.	Central Ayurveda Research Institute, Bengaluru (Formerly Regional Research Institute for Metabolic Disorders), Jayanagar, Bengaluru	Centre of excellence in Research and Clinical services for Madhumeha (Diabetes mellitus)
5.	CSIR- Institute of Genomics & Integrative Biology (IGIB)	Centre of excellence for Applied Development of Ayurveda Prakriti and Genomics
<b>FY 2021-22</b>		
1.	Indian Institute of Technology, Jodhpur	Centre of Excellence in AYURTech for Integrative Precision Health and Medicine.
2.	Institute of Liver and Biliary Sciences (ILBS), New Delhi	Effects of Indian Foods and Ayurvedic drugs on healthy and diseased Liver.
3.	Arya Vaidya Sala (AVS), Kottakkal, Malappuram, Kerala	Setting up CoE in Cancer Research - Arya Vaidya Sala, Kottakkal.
4.	Banaras Hindu University	For establishing National Resource Centre on Ksharsutra Therapy, Department of Shalya Tantra, Institute of Medical Sciences / National Referral Centre for Teaching, Research, Training and referral patients care on Ksharsutra.
<b>FY 2022-23</b>		
1.	CIMR, AIIMS, New Delhi	Centre of Excellence for Yoga & Ayurveda
2.	National Institute of Mental Health and Neurosciences (NIMHANS), Bangalore	Centre of Excellence in AYUSH Research under Ayurwashya Yojana.
3.	Central Ayurveda Research Institute, Bengaluru (Formerly Regional Research Institute for Metabolic Disorders), Jayanagar, Bengaluru	Centre of excellence in Research and Clinical services for Madhumeha (Diabetes mellitus)

4.	Institute of Liver and Biliary Sciences (ILBS), New Delhi	Effects of Indian Foods and Ayurvedic drugs on healthy and diseased Liver.
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**GOVERNMENT OF INDIA  
MINISTRY OF AYUSH**

**LOK SABHA**

**UNSTARRED QUESTION NO. 4095**

**ANSWERED ON 24/03/2023**

**“Availability of Herbal Plants”**

**4095. SHRI CHANDRA SEKHAR BELLANA:**

Will the Minister of **AYUSH** be pleased to state:

- a) whether the Government is implementing any schemes to increase the availability of herbal plants in the country;
- b) if so, the details thereof and if not, the reasons therefor;
- c) the details of medicinal plants species prioritized for cultivation across the country, State/UT-wise;
- d) whether the Government proposes to include new medicinal plant species to be cultivated; and
- e) if so, the details thereof and if not, the reasons therefor?

**ANSWER**

**THE MINISTER OF AYUSH  
(SHRI SARBANANDA SONOWAL)**

**a & b)** Yes, National Medicinal plants Board, Ministry of Ayush, Government of India is implementing Central Sector Scheme on “Conservation, Development and Sustainable Management of Medicinal Plants” wherein following activities are supported:

- (xvii) *In-situ* conservation / *Ex-situ* conservation.
- (xviii) Livelihood linkages with Joint Forest Management Committees (JFMCs) / Panchayats / Van Panchayats / Biodiversity Management Committees (BMCs) / Self Help Groups (SHGs).
- (xix) IEC activities like Training / workshops / Seminars/ Conferences etc.
- (xx) Research & Development.
- (xxi) Promotion, marketing and trade of medicinal plants produce.

**c)** Ministry of Ayush, Government of India had implemented the Centrally Sponsored Scheme of National Ayush Mission (NAM) from the financial year 2015-16 to 2020-21 to promote the cultivation of Medicinal Plants throughout the country. Under the Medicinal Plants component of the National Ayush Mission (NAM) scheme, subsidy @30%, 50% and 75% of cultivation cost was provided for cultivation of 140 prioritized medicinal plants species to the farmers through State Implementing Agencies. Ministry of Ayush had supported 56,305 hectare area under cultivation of medicinal plants in National Ayush Mission Scheme throughout the country. The State/UT-wise detail is given at **Annexure – I**.

**d & e)** No, Sir. NMPB, Ministry of Ayush does not propose new medicinal plant species for cultivation as currently, there is no scheme for cultivation of Medicinal Plants in Ministry of Ayush.

## Annexure-I

## State/ UT-wise detail of Medicinal Plants supported for cultivation under Medicinal Plants Component of National Ayush Mission (NAM) scheme (2015-16 to 2020-21)

(Area in hectare)

Sr. No.	State	Name of species	Total
1	Andhra Pradesh	Ghritkumari ( <i>Aloe Vera</i> ), Bael ( <i>Aegle marmelos</i> ), Chandan ( <i>Santalum album</i> ) Harar ( <i>Terminalia chebula</i> ) Kalihari ( <i>Gloriosa superba</i> ) Kalmegh ( <i>Andrographis paniculata</i> ) Kapur Kachari ( <i>Hedychium spicatum</i> ), Amla ( <i>Phyllanthus emblica</i> ), Arjun ( <i>Terminalia arjuna</i> ), Ashwagandha ( <i>Withania somnifera</i> ), Bahera ( <i>Terminalia bellerica</i> ), Brahmi ( <i>Bacopa monnieri</i> ), Mandukparni ( <i>Centella asiatica</i> ), Neem ( <i>Azadirachta indica</i> ), Pippali ( <i>Piper longum</i> ), Raktachandan ( <i>Pterocarpus santalinus</i> ), Sarpgandha ( <i>Rauwolfia serpentina</i> ), Senna ( <i>Cassia angustifolia</i> ), Shatavar ( <i>Asparagus racemosus</i> ), Tulsi ( <i>Ocimum sanctum</i> , Patherchur ( <i>Coleus barbatus</i> ), Konch ( <i>Mucuna prureins</i> )	4350
2	Arunachal Pradesh	Bach ( <i>Acorus calamus</i> ), Daruhaldi ( <i>Berberis aristata</i> ), Kuth ( <i>Saussurea costus</i> ), Kutki ( <i>Picrorhiza kurroa</i> ), Sarpgandha ( <i>Rauwolfia serpentina</i> ), Shatavar ( <i>Asparagus racemosus</i> ), Tagar/ Indian Valeriana ( <i>Valeriana wallichii</i> ), Timoor ( <i>Zanthoxylum alatum</i> ), Chirata ( <i>Swertia chirata</i> ), Atees ( <i>Aconitum heterophyllum</i> )	364
3	Assam	Agar ( <i>Aquilaria agallocha</i> ), Ghrit kumari ( <i>Aloe Vera</i> ), Amla ( <i>Phyllanthus emblica</i> ), Arjun ( <i>Terminalia arjuna</i> ), Ashok ( <i>Saraca asoca</i> ), Ashwagandha ( <i>Withania somnifera</i> ), Anantamool ( <i>Hemidesmus indicus</i> ), Bach ( <i>Acorus calamus</i> ), Bael ( <i>Aegle marmelos</i> ), Bahera ( <i>Terminalia bellirica</i> ), Brahmi ( <i>Bacopa monnieri</i> ), Gambhari ( <i>Gmelina arborea</i> ), Giloe ( <i>Tinospora cordifolia</i> ), Guggal ( <i>Commiphora wightii</i> ), Harar ( <i>Terminalia chebula</i> ), Kalihari ( <i>Gloriosa superba</i> ), Kalmegh ( <i>Andrographis paniculata</i> ), Katha ( <i>Acacia catechu</i> ), Madhukari ( <i>Stevia rebaudiana</i> ), Neem ( <i>Azadirachta indica</i> ), Nirgundi ( <i>Vitex nigundo</i> ), Pippali ( <i>Piper longum</i> ), Punarnava ( <i>Boerhaavia diffusa</i> ), Ratalu ( <i>Dioscorea bulbifera</i> ), Saptaparni ( <i>Alstonia scholaris</i> ), Sarpgandha ( <i>Rauwolfia serpentina</i> ), Shatavar ( <i>Asparagus racemosus</i> ), Shirish ( <i>Albizzia lebbeck</i> ), Tejpat ( <i>Cinnamomum tamala</i> ), Tulsi ( <i>Ocimum sanctum</i> ), Nagakeshar ( <i>Mesua ferrea</i> ), Chitrak ( <i>Plumbago zeylanica</i> ), Timoor ( <i>Zanthoxylum alatum</i> ), Syonaka ( <i>Oroxylum Indicum</i> ), Chandan ( <i>Santalum album</i> ), Greater Galanga ( <i>Alpinia galangal</i> )	624
4	Bihar	Giloe ( <i>Tinospora cordifolia</i> ), Kalmegh ( <i>Andrographis paniculata</i> ), Shatavari ( <i>Asparagus racemosus</i> ), Tulsi ( <i>Ocimum sanctum</i> ), Bach ( <i>Acorus calamus</i> ), Sarpgandha ( <i>Rauwolfia serpentina</i> ), Safed musli ( <i>Chlorophytum borivillianum</i> )	175

5	Chhattisgarh	Adusa ( <i>Adhatoda zeylanica</i> ), Agnimantha ( <i>Premna integrifolia</i> ), Ghrit kumari ( <i>Aloe Vera</i> ), Arjun ( <i>Terminalia arjuna</i> ), Ashwagandha ( <i>Withania somnifera</i> ), Bach ( <i>Acorus calamus</i> ), Bael ( <i>Aegle marmelos</i> ), Chandan ( <i>Santalum album</i> ), Chitrak ( <i>Plumbago zeylanica</i> ), Giloe ( <i>Tinospora cordifolia</i> ), Guggal ( <i>Commiphora wightii</i> ), Kalihari ( <i>Gloriosa superba</i> ), Kalmegh ( <i>Andrographis paniculata</i> ), Konch ( <i>Mucuna prureins</i> ), Malkangani ( <i>Celastrus paniculata</i> ), Pippali ( <i>Piper longum</i> ), Raktachandan ( <i>Pterocarpus santalinus</i> ), Shatavar ( <i>Asparagus racemosus</i> ), Tulsi ( <i>Ocimum sanctum</i> ), Vai Viadang ( <i>Emblia ribes</i> ), Sarpagandha ( <i>Rauwolfia serpentine</i> ), Brahmi ( <i>Bacopa monnieri</i> ), Shankhapushpi ( <i>Convolvulus microphyllus</i> ), Gudmar ( <i>Gymnema sylvestre</i> ), Coleus ( <i>Coleus barbatus</i> ), Punarnava ( <i>Boerhaavia diffusa</i> ), Mandukparni ( <i>Centella asiatica</i> )	400
6	Goa	Madhukari ( <i>Stevia rebaudiana</i> ), Kokum ( <i>Garcinia indica</i> ), Pippali ( <i>Piper longum</i> )	113
7	Gujarat	Amla ( <i>Phyllanthus emblica</i> ), Ashwagandha ( <i>Withania somnifera</i> ), Bach ( <i>Acorus calamus</i> ), Chitrak ( <i>Plumbago zeylanica</i> ), Dodi / Jivanti ( <i>Leptadenia reticulata</i> ), Giloe ( <i>Tinospora cordifolia</i> ), Malkangani ( <i>Celastrus paniculata</i> ), Pippali ( <i>Piper longum</i> ), Punarnava ( <i>Boerhaavia diffusa</i> ), Prishnaparni ( <i>Urarea picta</i> ), Safed Musli ( <i>Chlorophytum borivillianum</i> ), Shankhapushpi ( <i>Convolvulus microphyllus</i> ), Shatavar ( <i>Asparagus racemosus</i> ), Tulsi ( <i>Ocimum sanctum</i> ), Vai Viadang ( <i>Emblia ribes</i> ), Vidarikand ( <i>Pueraria tuberosa</i> ), Stevia ( <i>Stevia rebaudiana</i> ), Isabgol ( <i>Plantago ovata</i> ), Ghritkumari ( <i>Aloe vera</i> ), Brahmi ( <i>Bacopa monnieri</i> ), Kalmegh ( <i>Andrographis paniculata</i> ), Chandrasur ( <i>Lepidum sativum</i> ), Kalihari ( <i>Gloriosa superba</i> )	936
8	Haryana	Ghrit kumari ( <i>Aloe Vera</i> ), Amla ( <i>Phyllanthus emblica</i> ), Ashwagandha ( <i>Withania somnifera</i> ), Bael ( <i>Aegle marmelos</i> ), Harar ( <i>Terminalia chebula</i> ), Isabgol ( <i>Plantago ovata</i> ), Kalmegh ( <i>Andrographis paniculata</i> ), Madhukari ( <i>Stevia rebaudiana</i> ), Sarpagandha ( <i>Rauwolfia serpentina</i> ), Shatavar ( <i>Asparagus racemosus</i> ), Tulsi ( <i>Ocimum sanctum</i> ),	420
9	Himachal Pradesh	Ghrit kumari ( <i>Aloe Vera</i> ), Ashwagandha ( <i>Withania somnifera</i> ), Atees ( <i>Aconitum heterophyllum</i> ), Bankakri ( <i>Podophyllum hexandrum</i> ), Kuth ( <i>Saussurea costus</i> ), Kutki ( <i>Picrorhiza kurroa</i> ), Safed Musli ( <i>Chlorophytum borivillianum</i> ), Sarpagandha ( <i>Rauwolfia serpentina</i> ), Tagar/ Indian Valeriana ( <i>Valeriana wallichii</i> ), Tulsi ( <i>Ocimum sanctum</i> ), Shatavari ( <i>Asparagus racemosus</i> ), Madhukari ( <i>Stevia rebaudiana</i> )	236
10	Jammu & Kashmir	Ghritkumari ( <i>Aloe Vera</i> ), Ashwagandha ( <i>Withania somnifera</i> ), Atees ( <i>Aconitum heterophyllum</i> ), Bankakri ( <i>Podophyllum hexandrum</i> ), Kuth ( <i>Saussurea costus</i> ), Kutki ( <i>Picrorhiza kurroa</i> ), Sea Buckthorn ( <i>Hippophae rhamnoides</i> ), Pushkarmool ( <i>Inula racemosa</i> ), Archa ( <i>Rheum emodi</i> ), Shatavari ( <i>Asparagus racemosus</i> ), Brahmi ( <i>Bacopa monnieri</i> )	141
11	Karnataka	Agar ( <i>Aquilaria agallocha</i> ), Ghrit kumari ( <i>Aloe Vera</i> ), Amla ( <i>Phyllanthus emblica</i> ), Ashwagandha ( <i>Withania somnifera</i> ), Bach ( <i>Acorus calamus</i> ), Chandan ( <i>Santalum album</i> ), Coleus ( <i>Coleus forskholii</i> ), Konch ( <i>Mucuna</i>	3926

		<i>prureins</i> ), Madhukari ( <i>Stevia rebaudiana</i> ), Sharapunkha ( <i>Tephrosia purpurea</i> ) Pawad, Pippali ( <i>Piper longum</i> ), Raktachandan ( <i>Pterocarpus santalinus</i> ), Safed Musli ( <i>Chlorophytum borivillianum</i> ), Senna ( <i>Cassia angustifolia</i> ), Tulsi ( <i>Ocimum sanctum</i> ), Kalihari / Glory lily ( <i>Gloriosa superba</i> ), Agarwood ( <i>Aquilaria agallocha</i> )	
12	Kerala	Adusa/Adalodakam ( <i>Adathoda zeylanica</i> ), Ghrit kumari ( <i>Aloe Vera</i> ), Amla ( <i>Phyllanthus emblica</i> ), Ashok ( <i>Saraca asoca</i> ), Anantamool ( <i>Hemidesmus indicus</i> ), Bael ( <i>Aegle marmelos</i> ), Beejasar ( <i>Pterocarpus marsupium</i> ), Brahmi ( <i>Bacopa monnieri</i> ), Chandan ( <i>Santalum album</i> ), Chitrak ( <i>Plumbago zeylanica</i> ), Coleus ( <i>Coleus forskholii</i> ), Indian Crocus ( <i>Kaempferia galanga</i> ), Flannel weed ( <i>Sida rhombifolia</i> ), Gambhari ( <i>Gmelina arborea</i> ), Greater Galanga ( <i>Alpinia galangal</i> ), Harar ( <i>Terminalia chebula</i> ), Kalmegh ( <i>Andrographis paniculata</i> ), Kokum ( <i>Garcinia indica</i> ), Kantakari ( <i>Solanum xanthocarpum</i> ), Neem ( <i>Azadirachta indica</i> ), Nirgundi ( <i>Vitex negundo</i> ), Pippali ( <i>Piper longum</i> ), Raktachandan ( <i>Pterocarpus santalinus</i> ), Sarivan ( <i>Desmodium gangeticum</i> ), Sarpagandha ( <i>Rauwolfia serpentina</i> ), Shatavar ( <i>Asparagus racemosus</i> ), Smaller Galangal ( <i>Alpinia calcarata</i> )	2269
13	Madhya Pradesh	Ashwagandha ( <i>Withania somnifera</i> ), Coleus ( <i>Coleus forskholii</i> ), Guggal ( <i>Commiphora wightii</i> ), Kalmegh ( <i>Andrographis paniculata</i> ), Safed Musli ( <i>Chlorophytum borivillianum</i> ), Tulsi ( <i>Ocimum sanctum</i> ), Isabgol ( <i>Plantago ovata</i> ), Madhukari ( <i>Stevia rebaudiana</i> ), Chandrasur ( <i>Lepidum sativum</i> ), Kalihari ( <i>Gloriosa superba</i> ), Sarpagandha ( <i>Rauwolfia serpentina</i> )	12551
14	Maharashtra	Ghritkumari ( <i>Aloe Vera</i> ), Amla ( <i>Phyllanthus emblica</i> ), Bach ( <i>Acorus calamus</i> ), Brahmi ( <i>Bacopa monnieri</i> ), Chandan ( <i>Santalum album</i> ), Coleus ( <i>Coleus forskholii</i> ), Giloe ( <i>Tinospora cordifolia</i> ), Guggal ( <i>Commiphora wightii</i> ), Harar ( <i>Terminalia chebula</i> ), Neem ( <i>Azadirachta indica</i> ), Pippali ( <i>Piper longum</i> ), Raktachandan ( <i>Pterocarpus santalinus</i> ), Safed Musli ( <i>Chlorophytum borivillianum</i> ), Shatavar ( <i>Asparagus racemosus</i> ), Tulsi ( <i>Ocimum sanctum</i> ), Ashwagandha ( <i>Withania somnifera</i> ), Pashanbheda ( <i>Bergenia ciliata</i> ), Kokum ( <i>Garcinia indica</i> )	1291
15	Manipur	Agar ( <i>Aquilaria agallocha</i> ), Ghrit kumari ( <i>Aloe Vera</i> ), Amla ( <i>Phyllanthus emblica</i> ), Bael ( <i>Aegle marmelos</i> ), Dalchini ( <i>Cinnamomum zeylanicum</i> ), Katha ( <i>Acacia catechu</i> ), Madhukari ( <i>Stevia rebaudiana</i> ), Panax pseudo-ginseng, Mandukparni ( <i>Centella asiatica</i> ), Tejpat ( <i>Cinnamomum tamala</i> ), Bach ( <i>Acorus calamus</i> ), Indian crocus ( <i>Kaempferia galanga</i> ), Pippali ( <i>Piper longum</i> ), Sarpagandha ( <i>Rouwolfia serpentina</i> ), Syonaka ( <i>Oroxylum indicum</i> )	616

16	Meghalaya	Agar ( <i>Aquilaria agallocha</i> ), Ghrit kumari ( <i>Aloe Vera</i> ), Bael ( <i>Aegle marmelos</i> ), Chirayata ( <i>Swertia chirata</i> ), Dalchini ( <i>Cinnamomum zeylanicum</i> ), Ekangi, Indian Crocus ( <i>Kaempferia galanga</i> ), Greater Galanga ( <i>Alpinia galangal</i> ), Mandukparni ( <i>Centella asiatica</i> ), Neem ( <i>Azadirachta indica</i> ), Pippali ( <i>Piper longum</i> ), Sarp Gandha ( <i>Rauwolfia serpentina</i> ), Shatavar ( <i>Asparagus racemosus</i> ), Tagar/ Indian Valeriana ( <i>Valeriana wallichii</i> ), Timoor ( <i>Zanthoxylum alatum</i> ), Vach ( <i>Acorus calamus</i> ), Tejpat ( <i>Cinnamomum tamala</i> ), Syonaka ( <i>Oroxylum indicum</i> ), Manjishtha ( <i>Rubia cordifolia</i> ), Nirgundi ( <i>Vitex negundo</i> )	178
17	Mizoram	Amla ( <i>Phyllanthus emblica</i> ), Chirayata ( <i>Swertia chirata</i> ), Dalchini ( <i>Cinnamomum zeylanicum</i> ), Kalmegh ( <i>Andrographis paniculata</i> ), Sarp Gandha ( <i>Rauwolfia serpentina</i> ), Syonaka ( <i>Oroxylum Indicum</i> ), Neem ( <i>Azadirachta indica</i> ), Mandookparni ( <i>Centella asiatica</i> ), Tejpat ( <i>Cinnamomum tamala</i> ), Vai vidang ( <i>Embelia ribes</i> ), Kantakari ( <i>Solanum xanthocarpum</i> )	373
18	Nagaland	Agar ( <i>Aquilaria agallocha</i> ), Dalchini ( <i>Cinnamomum zeylanicum</i> ), Kalmegh ( <i>Andrographis paniculata</i> ), Konch ( <i>Mucuna prureins</i> ), Sharapunkha ( <i>Tephrosia purpurea</i> ), Pawad, Pippali ( <i>Piper longum</i> ), Tagar/ Indian Valeriana ( <i>Valeriana wallichii</i> ), Timoor ( <i>Zanthoxylum alatum</i> )	752
19	Odisha	Ashwagandha ( <i>Withania somnifera</i> ), Bael ( <i>Aegle marmelos</i> ), Pippali ( <i>Piper longum</i> ), Ratalu ( <i>Dioscorea bulbifera</i> ), Sarp Gandha ( <i>Rauwolfia serpentina</i> ), Tulsi ( <i>Ocimum sanctum</i> ), Ghritkumari ( <i>Aloe vera</i> ), Amla ( <i>Emblica officinalis</i> )	866
20	Puducherry	Adusa ( <i>Adhatoda zeylanica</i> ), Kalmegh ( <i>Andrographis paniculata</i> ), Mandukparni ( <i>Centella asiatica</i> ), Punarnava ( <i>Boerhaavia diffusa</i> ), Ashwagandha ( <i>Withania somnifera</i> ), Coleus ( <i>Coleus barbatus</i> ), Ghritkumari ( <i>Aloe vera</i> ), Senna ( <i>Cassia angustifolia</i> )	50
21	Punjab	Ashwagandha ( <i>Withania somnifera</i> ), Tulsi ( <i>Ocimum sanctum</i> ), Ghritkumari ( <i>Aloe vera</i> ), Madhukari ( <i>Stevia rebaudiana</i> ), Amla ( <i>Emblica officinalis</i> ), Chandan ( <i>Santalum album</i> ), Harad ( <i>Terminalia chebula</i> ), Behera ( <i>Terminalia bellerica</i> ), Katha ( <i>Acacia catechu</i> )	598
22	Rajasthan	Agnimanth ( <i>Premna integrifolia</i> ), Ghrit kumari ( <i>Aloe Vera</i> ), Amla ( <i>Phyllanthus emblica</i> ), Ashwagandha ( <i>Withania somnifera</i> ), Bhoomiamla ( <i>Phyllanthus amarus</i> ), Dodi / Jivanti ( <i>Leptadenia reticulata</i> ), Giloe ( <i>Tinospora cordifolia</i> ), Guggal ( <i>Commiphora wightii</i> ), Kalihari ( <i>Gloriosa superba</i> ), Madhukari ( <i>Stevia rebaudiana</i> ), Sharapunkha ( <i>Tephrosia purpurea</i> ), Pawad, Rohitak ( <i>Tacomella undulata</i> ), Safed Musli ( <i>Chlorophytum borivillianum</i> ), Sarp Gandha ( <i>Rauwolfia serpentina</i> ), Senna ( <i>Cassia angustifolia</i> ), Shatavar ( <i>Asparagus racemosus</i> ), Tulsi ( <i>Ocimum sanctum</i> ), Shankhapushpi ( <i>Convolvulus microphyllus</i> ), Flannel weed ( <i>Sida cordifolia</i> ), Katheli-badhi ( <i>Solanum anguivi</i> ), Chandrasur ( <i>Lepidum sativum</i> ), Punarnava ( <i>Boerhaavia diffusa</i> ), Konch ( <i>Mucuna prureins</i> ),	4113



		Coleus ( <i>Coleus forskholii</i> ), Ashok ( <i>Saraca indica</i> ), Gudmar ( <i>Gymnema sylvestre</i> ), Isagbol ( <i>Plantago ovata</i> )	
23	Sikkim	Atees ( <i>Aconitum heterophyllum</i> ), Chirayata ( <i>Swertia chirata</i> ), Coleus ( <i>Coleus forskholii</i> ), Jatamansi ( <i>Nardostachys jatamansi</i> ), Kapur Kachari ( <i>Hedychium spicatum</i> ), Kutki ( <i>Picrorhiza kurroa</i> )	237
24	Tamil Nadu	Amla ( <i>Phyllanthus emblica</i> ), Coleus ( <i>Coleus forskholii</i> ), Kalihari ( <i>Gloriosa superba</i> ), Kokum ( <i>Garcinia indica</i> ), Makoy ( <i>Solanum xanthocarpum</i> ), Pippali ( <i>Piper longum</i> ), Senna ( <i>Cassia angustifolia</i> ), Madhukari ( <i>Stevia rebaudiana</i> ), Sadabahar ( <i>Catharanthus roesus</i> ), Raktachandan ( <i>Pterocarpus Santalinus</i> ), Makoy ( <i>Solanum nigrum</i> ), Tulsi ( <i>Ocimum sanctum</i> ), Vach ( <i>Acorus calamus</i> ), Chandan ( <i>Santalum album</i> ), Neem ( <i>Azadirachta indica</i> )	3931
25	Telangana	Ghrit kumari ( <i>Aloe Vera</i> ), Amla ( <i>Phyllanthus emblica</i> ), Ashwagandha ( <i>Withania somnifera</i> ), Chandan ( <i>Santalum album</i> ), Raktachandan ( <i>Pterocarpus santalinus</i> ), Tulsi ( <i>Ocimum sanctum</i> ), Bach ( <i>Acorus calamus</i> ), Amla ( <i>Emblica officinalis</i> ), Konch ( <i>Mucuna prureins</i> ), Patherchur ( <i>Coleus barbatus</i> ), Sarp Gandha ( <i>Rauwolfia serpentina</i> ), Anantamool ( <i>Decalipis hamiltoni / Hemidesmus indicus</i> )	1674
26	Tripura	Konch ( <i>Mucuna prureins</i> ), Agar ( <i>Aquilaria agallocha</i> )	256
27	Uttarakhand	Archa ( <i>Rheum emodi</i> ), Atees ( <i>Aconitum heterophyllum</i> ), Bankakri ( <i>Podophyllum hexandrum</i> ), Kuth ( <i>Saussurea costus</i> ), Kutki ( <i>Picrorhiza kurroa</i> ), Sarp Gandha ( <i>Rauwolfia serpentina</i> ), Sea Buckthorn ( <i>Hippophae rhamnoides</i> ), Tejpat ( <i>Cinnamomum tamala</i> ), Vatsanabha ( <i>Aconitum ferox</i> ), Chandan ( <i>Santalum album</i> ), Shatavari ( <i>Asparagus racemosus</i> )	802
28	Uttar Pradesh	Ghrit kumari ( <i>Aloe Vera</i> ), Artimisia ( <i>Artemisia Annua</i> ), Ashwagandha ( <i>Withania somnifera</i> ), Bach ( <i>Acorus calamus</i> ), Brahmi ( <i>Bacopa monnieri</i> ), Kalmegh ( <i>Andrographis paniculata</i> ), Konch ( <i>Mucuna prureins</i> ), Sarp Gandha ( <i>Rauwolfia serpentina</i> ), Shatavar ( <i>Asparagus racemosus</i> ), Tulsi ( <i>Ocimum sanctum</i> ), Senna ( <i>Cassia angustifolia</i> ), Bhoomiamla ( <i>Phyllanthus amarus</i> ), Gudmar ( <i>Gymnema sylvestre</i> ), Mandookparni ( <i>Centella asiatica</i> )	12300
29	West Bengal	Amla ( <i>Phyllanthus emblica</i> ), Ashok ( <i>Saraca asoca</i> ), Bael ( <i>Aegle marmelos</i> ), Bahera ( <i>Terminalia bellirica</i> ), Bankakri ( <i>Podophyllum hexandrum</i> ), Beejasar ( <i>Pterocarpus marsupium</i> ), Bhoomiamla ( <i>Phyllanthus amarus</i> ), Brahmi ( <i>Bacopa monnieri</i> ), Chirayata ( <i>Swertia chirata</i> ), Ekangi, Indian Crocus ( <i>Kaempferia galanga</i> ), Harar ( <i>Terminalia chebula</i> ), Jatamansi ( <i>Nardostachys jatamansi</i> ), Kalmegh ( <i>Andrographis paniculata</i> ), Katha ( <i>Acacia catechu</i> ), Kokum ( <i>Garcinia indica</i> ), Kurchi ( <i>Holarrhena antidysenterica</i> ), Mulethi ( <i>Glycyrrhiza glabra</i> ), Neem ( <i>Azadirachta indica</i> ), Sarp Gandha ( <i>Rauwolfia serpentina</i> ), Senna ( <i>Cassia angustifolia</i> ), Tulsi ( <i>Ocimum sanctum</i> ), Neem ( <i>Azadirachta indica</i> ), Ghritkumari ( <i>Aloe vera</i> ), Bhringaraj ( <i>Eclipta alba</i> )	1763
<b>Total</b>			<b>56305</b>

**GOVERNMENT OF INDIA  
MINISTRY OF AYUSH**

**LOK SABHA  
UNSTARRED QUESTION NO.4099  
ANSWERED ON 24<sup>th</sup> MARCH, 2023**

**AYUSH Health and Wellness Centres in  
Odisha**

4099. SHRI RAMESH CHANDRA MAJHI:

Will the Minister of AYUSH be pleased to state:

1. the details of AYUSH Health and wellness Centres functioning in Odisha, district-wise and placewise;
2. whether the Government is considering to set up new AYUSH Health and Wellness Centres in the State;
3. if so, the details thereof along with the current status of setting up of such centres, district and location-wise; and
4. the details of the proposals received for setting up of such centres in Nabarangpur, Malakangiri and Koraput districts of Odisha during the last five years along with the future plan of the Government for setting up of the said centres, district-wise?

**ANSWER  
THE MINISTER OF AYUSH  
(SHRI SARBANANDA SONOWAL)**

(a) to (d) Public Health being the State subject, the setting up and operationalization of AYUSH Health and Wellness Centres (AHWCs) in the State of Odisha including Nabarangpur, Malakangiri and Koraput districts comes under the purview of the respective State Government. However, the Ministry of Ayush is implementing the operationalization of AYUSH HWCs under Ayushman Bharat as a component of the Centrally Sponsored Scheme of National AYUSH Mission (NAM) through State/UT Governments from the year 2019-20. As per the

proposals received from the State Government of Odisha in their State Annual Action Plan (SAAPs) of NAM including Nabarangpur, Malakangiri and Koraput districts, the Ministry of Ayush has approved for the up-gradation of 250 AYUSH Dispensaries into AHCs during the last three years from 2019-20 to 2021-22 . As per the progress report received from the State Government of Odisha, 245 AYUSH HWCs have been made functional till date. The district-wise and place wise details of AYUSH HWCs approved and functioning in Odisha is furnished in **Annexure**.

## Annexure

**(i) State Government has not submitted any proposal of AYUSH HWCs through SAAP during the year 2019-20.**

**(ii) Status of Approved and Functional AYUSH HWCs in Odisha (year 2020-21)**

S.NO	NAME OF District	Name of Approved AYUSH HWC	Name of Functional AYUSHHWC
1	Khurdha	Tapoban	Tapoban
2		Paikrapur	Paikrapur
3		Bisuniapada	Bisuniapada
4		Andharua	Andharua
5		Kadab	Kadab
6	Puri	Badamachpur	Badamachpur
7		Bhuan	Bhuan
8		Villigram	Villigram
9		Kapileswarpur	Kapileswarpur
10		Junei	Junei
11	Nayagarh	Koska	Koska
12	Jajpur	Byree	Byree
13		Hatasahi	Hatasahi
14	Balasore	Gopinathpur	Gopinathpur
15		Ambulakuda	Ambulakuda
16		Sahada	Sahada
17		Chhatrapur	Chhatrapur
18		Barapada	Barapada
19	Bhadrak	Madhiali	Madhiali

20		Erendei	Erendei
21		Senditira	Senditira
22		Odanga	Odanga
23	Ganjam	kaithakhandi	kaithakhandi
24		Humma	Humma
25		Gunthapada	Gunthapada
26		Nimina	Nimina
27		A.Barida	A.Barida
28		Jakara	Jakara
29		Beterapalli	Beterapalli
30		Mangalapur	Mangalapur
31		Gurunthi	Gurunthi
32		Kotalingi	Kotalingi
33		Sundarpur	Sundarpur
34	Gajapati	Chandiput	Chandiput
35	Bolangir	Bharsuja	Bharsuja
36		Bhutiarchabal	Bhutiarchabal
37		Chhatamakhna	Chhatamakhna
38		Jogimunda	Jogimunda
39		Kanut	Kanut
40		Mehermunda	Mehermunda
41		Naren	Naren
42	Subarnapur	Sindol	Sindol
43		Sagarpali	Sagarpali
44	Baragarh	Bhubaneswarpur	Bhubaneswarpur
45		Urduna	Urduna
46		Palsada	Palsada
47		Patrapur	Patrapur
48		Kathadera	Kathadera
49		Paharsrigida	Paharsrigida
50		Uttam	Uttam
51		Chhuriapali	Chhuriapali
52		Bhatigaon	Bhatigaon
53		Nagenpali	Nagenpali
54	Jharsuguda	Raghunathpali	Raghunathpali
55		Samasingha	Samasingha
56		Babuchipidihi	Babuchipidihi
57		Bhimjor	Bhimjor
58		Pandri	Pandri
59	Khorodha	Laxmisagar	Laxmisagar
60		Daruthenga	Daruthenga

61		Bhalipur	Bhalipur
62	Nayagarh	Nayagarh	Nayagarh
63		Subalaya	Subalaya
64		Satapatana	Satapatana
65	Puri	Kunjar	Kunjar
66		Mathasahi	Mathasahi
67	Balasore	Purusottampur	Purusottampur
68		Kuanrpur	Kuanrpur
69	Bhadrak	Kolha	Kolha
70		Tunda	Tunda
71	Mayurbhanja	Purunia	Purunia
72		Ranibandha	Ranibandha
73		Gadigaon	Gadigaon
74	Cuttack	Napanga	Napanga
75		Bodhapur	Bodhapur
76		Arakhapatana	Arakhapatana
77	Jagatsinghpur	Alando	Alando
78		Parbatipur	Parbatipur
79	Dhenkanal	Gunduchipada	Gunduchipada
80		Sogar	Sogar
81	Angul	Baliposi	Baliposi
82	Jajpur	Tina	Tina
83	Kendrapada	Bholhat	Bholhat
84	Ganjam	Chingudighai	Chingudighai
85		Solasala	Solasala
86	Gajapati	Allada	Allada
87	Boudh	Madhapur	Madhapur
88	<b>Koraput</b>	<b>Kebidi</b>	<b>Kebidi</b>
89	<b>Malkangiri</b>	<b>Tamasa</b>	<b>Tamasa</b>
90	Nawarangpur	Dabugaon	Dabugaon
91	Rayagada	Perupang	Perupang
92	Bargarh	Melchamunda	Melchamunda
93	Jharsuguda	Malda	Malda
94		Jamera	Jamera
95	Kalahandi	Utkela	Utkela
96	Nuapada	Gandabahali	Gandabahali
97	Bolangir	Khujenpali	Khujenpali
98		Kushkela	Kushkela
99	Keonjhar	Karadangi	Karadangi
100		Dhenka	Dhenka

**(iii) Status of Approved and Functional AYUSH HWCs in Odisha (year 2021-22)**

<b>S.NO</b>	<b>NAME OF District</b>	<b>Name of Approved Ayush HWC</b>	<b>Name of Functional Ayush HWC</b>
1	Balasore	Badapokhari	Badapokhari
2		Jathia	Jathia
3		Sartha	Sartha
4		Kochiakoili	Kochiakoili
5		Badhan	Badhan
6	Bhadrak	Charigaon	Charigaon
7		Kheranga	Kheranga
8		Berhampur	Berhampur
9		Bahudarada	Bahudarada
10	Mayurbhanj	Jhinkiria	Jhinkiria
11		Dahikoti	Dahikoti
12	Jharsuguda	Kanaktora	Kanaktora
13		Kandhaiekela	Kandhaiekela
14		Laikera	Laikera
15		Talmal	Talmal
16	Ganjam	Baulagaon	Baulagaon
17		Suramani	Suramani
18		Panchabhuti	Panchabhuti
19		Kendubadi	Kendubadi
20	Kalahandi	Gunduri	Gunduri
21		Laitara	Laitara
22		Badachergaon	Not functional as reported by State
23		Bhairipali	Not functional as reported by State
24	Nuapada	Amanara	Amanara
25	Khordha	Nachuni	Nachuni
26	Nayagarh	Baunsabati	Baunsabati
27		Kuruma Bankatara	Kuruma Bankatara
28		Lunisara	Lunisara
29		Sidhamula	Sidhamula
30		Kishore Prasad	Kishore Prasad
31		Dhipisahi	Dhipisahi
32	Puri	Gadarodanga	Gadarodanga
33		Patasundarpur	Patasundarpur
34		Balipada	Balipada

35		Jayapur	Jayapur
36		Janhibaliahat	Janhibaliahat
37	Balangir	Baragaon	Baragaon
38		Badatika	Badatika
39		Goudagotha	Goudagotha
40		Ghuchepara	Ghuchepara
41	Subarnapur	Attasingha	Attasingha
42	Cuttack	Dhurusia	Dhurusia
43		Kuranga sasan	Not functional as reported by State
44		Raniola	Raniola
45	Jagatsinghpur	Mulugaon	Mulugaon
46		Madhuribazar	Madhuribazar
47	Dhenkanal	Bampa	Bampa
48		Bhagirathipur	Bhagirathipur
49		Khajuria	Khajuria
50	Angul	Santiri	Santiri
51		Kantapal(B)	Kantapal(B)
52	Jajpur	Mirzapur	Not functional as reported by State
53	Kendrapada	Pundilo	Pundilo
54		Orata	Orata
55		Manikapatana	Manikapatana
56	Kandhamal	Bataguda	Bataguda
57		Gochhapada	Gochhapada
58	Boudh	Tikarapada	Tikarapada
59		Talagaon	Talagaon
60		B N Pur	B N Pur
61		Kolimati	Kolimati
62	Keonjhar	Kodapada	Kodapada
63		Taruan	Taruan
64		Chakradharapur	Chakradharapur
65		Palasapanga	Palasapanga
66		Parsala	Parsala
67		Atasahi	Atasahi
68		Machhagarh	Machhagarh
69		Chauthia	Chauthia
70		Kundala	Kundala
71		<b>Koraput</b>	<b>Girrla</b>
72	<b>Benagaon</b>		<b>Benagaon</b>
73	<b>Nabarangpur</b>	<b>Maidalpur</b>	<b>Maidalpur</b>
74	Rayagada	Limapadar	Limapadar
75	Sambalpur	Chhachanpali	Chhachanpali

76		Badmal	Badmal
77	Sundargarh	Bandhabhuin	Bandhabhuin
78		Kacharu	Kacharu
79	Balasore	Aghirapada	Aghirapada
80		Sukasanda	Sukasanda
81		Matiali	Matiali
82		Panisapada	Panisapada
83		Panapana	Panapana
84		Makanda	Makanda
85		Upardiha	Upardiha
86		Tadada	Tadada
87		Barbatia	Barbatia
88		Bhadrak	Olanga
89	Paliabindha		Paliabindha
90	Arasa		Arasa
91	Sujansinghpur		Sujansinghpur
92	Bhagabanpur		Bhagabanpur
93	Nuahat		Nuahat
94	Mayurbhanj	Marudihi	Marudihi
95		Panposi	Panposi
96		Modarangajodi	Modarangajodi
97		Pasuda	Pasuda
98	Bargarh	Kasipali	Kasipali
99		J.Sirigida	J.Sirigida
100	Jharsuguda	Sodamal	Sodamal
101		Samarbag	Samarbag
102		Sulei	Sulei
103	Ganjam	Jayantipur	Jayantipur
104		B. Karadabadi	B. Karadabadi
105		Sahapur	Sahapur
106		Munigadi	Munigadi
107		Kalamba	Kalamba
108		Kaniari	Kaniari
109		B.Nuapali	B.Nuapali
110		Jharapani	Jharapani
111		Dadarlunda	Dadarlunda
112	Kalahandi	Dasigaon	Dasigaon
113	Khordha	Prataprudrapur	Prataprudrapur
114		Golabai	Golabai
115		Bheteswar	Bheteswar
116		Pratap	Pratap



117	Nayagarh	Poibadi	Poibadi
118		Khalamoda	Khalamoda
119		Sampada	Sampada
120		Karabara	Karabara
121		Fategarh	Fategarh
122		Sakeri	Sakeri
123		Karadapada	Karadapada
124		Puri	Manijanga
125	Tadasa		Not functional as reported by State
126	Mutunia		Mutunia
127	Balangir	Patuapali	Patuapali
128	Cuttack	Dahigaon	Dahigaon
129	Jagatsinghpur	Somepur	Somepur
130		Balia	Balia
131	Dhenkanal	Paikapurunakote	Paikapurunakote
132	Angul	Gondamal	Gondamal
133		Pabitra Nagar	Pabitra Nagar
134	Jajpur	Bhelanga	Bhelanga
135		Bodua	Bodua
136		Osala	Osala
137	Kendrapada	Kereragarh	Kereragarh
138		Hatasahi	Hatasahi
139	Kandhamal	Sankarkhola	Sankarkhola
140	Keonjhar	Haladharpur	Haladharpur
141		Bodapalasa	Bodapalasa
142	<b>Koraput</b>	<b>Almunda</b>	<b>Almunda</b>
143		<b>Nandigaon</b>	<b>Nandigaon</b>
144	Nawarangpur	Borigaon	Borigaon
145	Sambalpur	Peerbaba chouk	Peerbaba chouk
146		Ghenupali	Ghenupali
147		Maneswar	Maneswar
148	Sundargarh	Jamtalia	Jamtalia
149		Bandhabahal	Bandhabahal
150		Dumerjore	Dumerjore

**GOVERNMENT OF INDIA  
MINISTRY OF AYUSH**

**LOK SABHA**

**UNSTARRED QUESTION NO. 4112  
TO BE ANSWERED ON 24<sup>th</sup> MARCH, 2023**

**TRIBAL HEALTHCARE RESEARCH PROGRAMME**

**† 4112. SHRI KANAKMAL KATARA:**

Will the Minister of AYUSH be pleased to state:

- (a) the details of action plans prepared for Rajasthan including Banswara-Dungarpur under the Tribal Healthcare Research Programme (THCRP);
- (b) whether the Government has sent any central team to study the living standard of the tribal people in Banswara-Dungarpur;
- (c) if so, the details thereof;
- (d) the details of any research programme being implemented for the use of medicinal plants in Rajasthan including Banswara-Dungarpur; and
- (e) the details of the health related programmes being implemented in the tribal areas?

**ANSWER**

**THE MINISTER OF AYUSH  
(SHRI SARBANANDA SONOWAL)**

- (a) The Central Council for Research in Ayurvedic Sciences (CCRAS), an Autonomous Body under Ministry of Ayush has been executing Tribal Health Care Research programme (THCRP) in identified Tribal dominated villages in 14 States through 14 Institutes. Under this programme, the Council is creating awareness about Health, Nutrition, and Hygiene among ST community, providing Health Care Services and Incidental medical care at their doorstep,

and documenting demographic trends and living standards. Local Health Traditions (LHT) and folklore practices among Tribal Population have also being documented in this programme.

In Rajasthan, the Council is providing health care services and organizing free medical camps for Tribal population under Tribal Health Care Research programme (THCRP) through 'Regional Ayurveda Research Institute'(RARI) Jaipur. During year 2022-23 as per annual action plan for THCRP, health care services have been provided in 06 villages of Banswara district of Rajasthan viz. Ghatol, Padal Chhoti, Devda, Baman Para, Bassi Ada, Delwara Lokeri.

- (b) In the Banswara district & Dungarpur district of Rajasthan, Council has documented the demographic trends and general living conditions through Tribal Health Care Research programme (THCRP) under Tribal Sub Plan.
- (c) In Banswara district, health care services have been provided under THCRP programme by Regional Ayurveda Research Institute (RARI), Jaipur in 02 villages in the year of 2015-16, in 09 villages during the year 2016-17, in 03 villages during 2018-19 & in 09 villages during the year 2022-23. In Dungarpur district, health care services have been provided in 02 villages in the year of 2015-16 & in 09 villages in the year of 2016-17. General living conditions of the tribal people have also been documented during the survey. One technical report on health related demography has also been published in year 2017 including data of Banswara & Dungarpur Districts.
- (d) Regional Ayurveda Research Institute, Jaipur under CCRAS is maintaining a Guggulu Herbal Farm at Mangaliawas, Ajmer, Rajasthan. National Medicinal Plants Board (NMPB), Ministry of Ayush, under its Central Sector Scheme (CSS) on 'Conservation, Development and Sustainable Management of Medicinal Plants' provides project based financial support to carry out research activities on various aspects of medicinal plants to government as well as private universities/research institutions/organizations across the country. The on-

going project entitled “Exploration and Documentation of Ethno-medicinal Practices of Rural and Tribal Population of Rajasthan” undertaken by Jyoti Vidyapeeth Women’s University, Jaipur has been supported by NMPB.

- (e) For the welfare of tribes, the Council has been executing the Tribal Health Care Research programme (THCRP) under Tribal Sub Plan (TSP) in identified tribal dominant villages. Through this programme, Council is creating awareness about Health, Nutrition, and Hygiene among Tribal community, providing Health Care Services, Incidental medical care and Ayurveda based lifestyle advocacy (Dinacharya, Ritucharya, Pathyaapathya etc.) for maintenance of health and prevention of diseases. Beside, this the Council is also documenting Local Health Traditions (LHT) and folk claims.

THCRP Program is being executed through 14 CCRAS institutes in 14 States including Rajasthan viz. CARI, Bhubaneswar; CARI, Bangalore; CARI, Guwahati; RARI, Gwalior; RARI, Vijayawada; RARI, Nagpur; RARI, Jaipur; RARI, Patna; RARI, Gangtok; RARI, Jammu; ALRARI, Chennai; RARI, Port Blair; RARI, Ahmadabad and RARC, Tripura.

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**GOVERNMENT OF INDIA**  
**MINISTRY OF AYUSH**  
**LOK SABHA**  
**UNSTARRED QUESTION NO-4114**  
**ANSWERED ON 24/03/2023**

**“Demand for AYUSH based Products”**

**4114. SHRI RAJIV PRATAP RUDY:**

Will the **Minister of Ayush** be pleased to state:

- (a) whether it is a fact that there is a growing demand for AYUSH based products generated from India across the world;
- (b) if so, the details thereof indicating the countrywise demand for AYUSH products currently;
- (c) whether the AYUSH Export Promotion Council (AEPC) monitors the export of AYUSH drugs and services from India and if so, the details thereof;
- (d) the details of the AYUSH exports in the last five years along with the destination areas of such exports and the revenues earned therefrom, State/ UT-wise; and
- (e) the steps that are currently being taken to increase the ease of AYUSH exports from India?

**ANSWER**

**THE MINISTER OF AYUSH  
(SHRI SARBANANDA SONOWAL)**

- (a) Yes Sir. The growth rate of export of Ayush and Herbal Products to various countries during the period FY 2017-18 (i.e. USD 456.12 Million) To FY 2021-22 (i.e. USD 612.12 Million) has been 34.20 per cent. (source: DGCIS)
- (b) The export data of the Ayush & Herbal Products from the FY 2017-18 to 2022-23 (till Jan, 2023) is attached at Annexure-A. (source: DGCIS)
- (c) The objectives of Ayush Export Promotion Council (Ayushexcil) are to promote the growth of exports of Ayush Products and Ayush Healthcare Services, facilitate capacity building of its members on export procedures, organize BtoB meetings organize International Events, Roadshows, Seminars and workshops on the export of Ayush Products, to safeguard the scientific research in the field of Ayush healthcare, to set up codes of practices as the general guidance of manufacturers for trade & export and to come

up with a uniform classification system for Ayush and Herbal products, to develop brand value to the Ayush Medicines and Healthcare Science, to undertake foreign market studies for Ayush and to liaison with other Ministries & Department e.g. Ministry of Commerce, etc for laying down standards of quality and packing in respect of Ayush medicines and healthcare products. It would work as a single-window system and a dedicated platform under the Ministry of Ayush/ Commerce for the promotion and to boost the export of Ayush products and Services.

(d) The details of the Ayush exports in the last five years along with the destination areas of such exports and the revenues earned therefrom, State/ UT-wise is attached at Annexure-A. (source: DGCIS)

(e) Following are the steps that have been taken or are being taken to increase the ease of Ayush exports from India:

- The Ministry has developed a Central Sector Scheme for Promotion of International Co-operation in Ayush (IC Scheme) under which Ministry of Ayush provides support to Indian Ayush Manufacturers/ Ayush Service providers to give boost to export of Ayush products & services; facilitate International promotion, development and recognition of Ayush system of medicine; foster interaction of stakeholders and market development of Ayush at international level; promote academics and research through establishment of Ayush Academic Chairs in foreign countries and holding training workshop/symposiums for promoting and strengthening awareness and interest about Ayush Systems of Medicine at international level.
- Ministry of Ayush has taken the following steps towards the promotion international collaborations and investments for the manufacturing and export of Ayush medicines:

- signed 24 Country-to-Country MoUs for Cooperation in the field of Traditional Medicine and Homoeopathy with foreign nations.
- signed 40 Institute level MoUs with international institutes for undertaking Collaborative Research / Academic collaboration.
- signed 15 MoUs with international institutes for setting up of Ayush Academic Chairs in foreign nations.
- supported the establishment of 39 Ayush Information Cells in 35 foreign nations.
- Offering Ayush scholarships to foreign nationals for undertaking Ayush courses in recognized Ayush institutions in India.
- Signed MoU with London School of Hygiene & Tropical Medicine (LSH&TM), UK and Frankfurter Innovationszentrum Biotechnologie GmbH (FIZ), Frankfurt Germany for clinical research studies on mitigation of Covid-19 through Ayurveda.
- Providing Training to regulators of foreign nations to generate awareness about the Ayush systems.
- Got developed Quality Certification programme viz. Ayush mark and Premium mark in cooperation with QCI to increase the reliability of standards of ASU&H Products.
- WHO-GMP (COPP) has been given to 31 Ayurvedic Drug manufacturers to facilitate the export of Ayurveda, Siddha, and Unani & Homoeopathy Drugs.
- Ministry of Ayush and WHO has signed an agreement to establish WHO-GCTM in Jamnagar, Gujarat which aims to support to implement WHO's traditional medicine strategy (2014-23) and to support nations in developing policies & action plans to strengthen the role of traditional medicine as part of their journey to universal health coverage.
- **First Meeting of the Expert Working Group on Traditional Medicine of the SCO Member States** was organized by the Ministry of Ayush on 9<sup>th</sup>,

10th and 22<sup>nd</sup>, February 2023 in New Delhi and a consensus was developed among the Experts from SCO Countries on EWG Regulations.

- Supported the establishment of Ayush Export Promotion Council (Ayushexcil) to promote the export of Ayush products/ medicines as well as Ayush services.
- Established an India-EU Technical Working Group (TWG) on Ayurveda. The Technical Working Group has the representation of technical experts from the Ministry of Ayush, the Government of India, the European Commission, the European Medicines Agency (EMA) and its Committee on Herbal Medicinal Products (HMPC).

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**Annexure-A**

**The details of the Ayush exports in the last five years along with the destination areas of such exports and the revenues earned therefrom, State/ UT-wise**

**(values are in million USD)**

STATE OF ORIGIN	COUNTRY	2017-18	2018-19	2019-20	2020-21	2021-22	2021-22(TILL JAN'22)	2022-23(TILL JAN'23)
ANDAMAN & NICOBAR	BAHARAIN IS	0.00	-	-	-	-	-	-
ANDAMAN & NICOBAR	BANGLADESH PR	0.03	-	-	-	-	-	-
ANDAMAN & NICOBAR	U ARAB EMTS	0.00	-	-	-	-	-	-
ANDHRA PRADESH	ANGOLA	0.02	0.00	-	-	-	-	-
ANDHRA PRADESH	ARGENTINA	-	-	-	-	0.00	-	0.01
ANDHRA PRADESH	AUSTRALIA	-	-	0.00	0.00	-	-	-
ANDHRA PRADESH	BANGLADESH PR	-	-	-	0.03	0.08	0.08	-
ANDHRA PRADESH	BELGIUM	0.00	0.01	0.01	0.03	-	-	-
ANDHRA PRADESH	BRAZIL	-	-	-	-	-	-	0.06
ANDHRA PRADESH	BULGARIA	-	-	-	-	-	-	0.03
ANDHRA PRADESH	CANADA	-	-	-	-	0.00	0.00	-
ANDHRA PRADESH	CHINA P RP	-	-	-	-	0.03	0.03	-
ANDHRA PRADESH	CROATIA	-	-	-	-	0.01	0.01	0.11
ANDHRA PRADESH	CZECH REPUBLIC	0.00	0.00	0.00	0.01	0.01	0.00	0.00
ANDHRA PRADESH	ECUADOR	-	-	-	0.00	-	-	-
ANDHRA PRADESH	FRANCE	-	-	-	-	0.01	-	-

ANDHRA PRADESH	GAMBIA	-	0.00	-	-	-	-	-
ANDHRA PRADESH	GERMANY	-	-	0.00	-	0.06	0.01	0.45
ANDHRA PRADESH	GHANA	-	0.08	-	-	-	-	-
ANDHRA PRADESH	GREECE	-	-	-	-	0.03	-	-
ANDHRA PRADESH	IRELAND	-	-	-	-	-	-	0.00
ANDHRA PRADESH	ITALY	-	-	-	0.03	-	-	-
ANDHRA PRADESH	JAPAN	-	-	-	0.00	-	-	-
ANDHRA PRADESH	KENYA	-	-	-	-	-	-	0.02
ANDHRA PRADESH	KOREA RP	-	0.02	-	-	-	-	-
ANDHRA PRADESH	KUWAIT	-	-	-	-	0.00	0.00	-
ANDHRA PRADESH	MALAYSIA	-	-	-	0.00	0.00	0.00	0.01
ANDHRA PRADESH	MALDIVES	-	-	0.00	-	-	-	-
ANDHRA PRADESH	MEXICO	-	-	-	-	0.03	0.03	-
ANDHRA PRADESH	NETHERLAND	0.00	0.01	0.00	0.01	0.00	0.00	0.02
ANDHRA PRADESH	PHILIPPINES	-	-	-	-	-	-	0.03
ANDHRA PRADESH	POLAND	0.03	-	-	-	-	-	-
ANDHRA PRADESH	RUSSIA	-	-	0.00	-	-	-	-
ANDHRA PRADESH	SEYCHELLES	-	-	-	-	0.00	-	-
ANDHRA PRADESH	SINGAPORE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ANDHRA PRADESH	SOUTH AFRICA	0.01	0.00	-	0.00	-	-	-
ANDHRA PRADESH	SPAIN	-	0.00	-	-	-	-	-

ANDHRA PRADESH	SRI LANKA DSR	0.07	0.01	0.02	0.03	0.01	0.01	0.03
ANDHRA PRADESH	SWITZERLAND	-	0.00	-	-	-	-	-
ANDHRA PRADESH	TURKEY	0.00	-	-	-	-	-	-
ANDHRA PRADESH	U ARAB EMTS	0.01	0.00	0.00	-	0.00	0.00	0.02
ANDHRA PRADESH	U K	0.00	-	-	0.02	0.02	0.01	0.01
ANDHRA PRADESH	U S A	0.04	0.12	0.07	0.05	0.09	0.06	0.09
ANDHRA PRADESH	VIETNAM SOC REP	-	-	-	0.04	-	-	-
ANDHRA PRADESH	ZAMBIA	-	0.00	-	-	-	-	-
ASSAM	AFGHANISTAN	-	-	-	-	0.01	-	-
ASSAM	ANGOLA	-	-	-	-	0.07	0.07	-
ASSAM	ANTIGUA	-	-	-	-	-	-	0.00
ASSAM	AUSTRALIA	-	-	-	-	-	-	0.01
ASSAM	BANGLADESH PR	-	-	0.00	0.00	-	-	-
ASSAM	BHUTAN	0.07	0.18	0.21	0.02	0.03	0.03	0.01
ASSAM	EGYPT A RP	-	-	-	-	0.08	0.08	-
ASSAM	FIJI IS	-	-	-	-	0.01	0.01	0.01
ASSAM	GEORGIA	-	-	-	-	0.00	0.00	0.02
ASSAM	HONG KONG	-	-	-	-	0.00	0.00	-
ASSAM	IRAQ	-	-	-	-	0.09	0.08	0.14
ASSAM	ISRAEL	-	-	-	-	0.01	0.01	-
ASSAM	KAZAKHSTAN	-	-	0.00	-	-	-	-
ASSAM	KENYA	-	-	-	0.13	0.31	0.31	-
ASSAM	KOREA RP	-	-	-	-	0.08	0.08	-
ASSAM	LATVIA	-	-	-	-	0.08	0.08	0.05
ASSAM	LITHUANIA	-	-	-	0.01	-	-	-
ASSAM	MALAWI	-	-	-	-	0.00	0.00	-
ASSAM	MALDIVES	-	-	-	-	-	-	0.02
ASSAM	MAURITIUS	-	-	-	-	0.02	0.02	0.03
ASSAM	MOROCCO	-	0.00	-	-	-	-	-
ASSAM	NEPAL	1.37	1.42	1.48	1.31	0.00	-	0.02
ASSAM	PAKISTAN IR	-	-	-	-	-	-	0.01
ASSAM	QATAR	-	-	-	-	0.04	0.03	-
ASSAM	RUSSIA	-	-	-	-	0.01	0.01	0.01

ASSAM	SEYCHELLES	-	-	-	-	0.00	0.00	0.00
ASSAM	SINGAPORE	-	-	-	-	0.00	0.00	0.00
ASSAM	SOLOMON IS	-	-	-	-	0.00	0.00	-
ASSAM	SOMALIA	-	-	-	-	-	-	0.00
ASSAM	SRI LANKA DSR	-	-	-	-	-	-	0.00
ASSAM	ST LUCIA	-	-	-	-	0.00	0.00	-
ASSAM	SURINAME	-	-	-	-	0.00	0.00	0.00
ASSAM	TAIWAN	-	-	-	-	-	-	0.02
ASSAM	THAILAND	-	-	-	-	0.00	0.00	-
ASSAM	TRINIDAD	-	-	-	-	0.00	0.00	0.00
ASSAM	U ARAB EMTS	-	-	-	-	0.31	0.18	0.27
ASSAM	U K	-	-	-	-	0.00	0.00	-
ASSAM	U S A	-	-	-	-	0.32	0.07	0.24
ASSAM	UGANDA	-	-	-	-	0.07	0.07	-
ASSAM	UKRAINE	-	-	-	-	0.01	0.00	-
ASSAM	UZBEKISTAN	-	-	-	0.08	0.03	0.03	-
ASSAM	VANUATU REP	-	-	-	-	-	-	0.00
BIHAR	BHUTAN	-	-	-	0.00	0.00	0.00	-
BIHAR	CHINA P RP	0.01	0.02	0.03	0.00	0.01	0.01	0.01
BIHAR	EGYPT A RP	-	-	-	-	-	-	0.00
BIHAR	HONG KONG	0.12	-	-	0.01	-	-	-
BIHAR	KAZAKHSTAN	0.02	-	-	-	-	-	-
BIHAR	LATVIA	0.01	-	-	-	-	-	-
BIHAR	MOLDOVA	-	0.06	0.02	-	-	-	-
BIHAR	MYANMAR	-	-	-	-	0.01	0.01	0.00
BIHAR	NEPAL	1.24	1.01	0.12	0.01	0.28	0.12	0.49
BIHAR	NEW ZEALAND	0.00	-	-	-	-	-	-
BIHAR	PAKISTAN IR	-	-	-	-	0.01	0.01	-
BIHAR	POLAND	0.00	-	0.00	-	-	-	-
BIHAR	ROMANIA	-	-	-	-	-	-	0.00
BIHAR	RUSSIA	0.05	0.04	0.05	0.04	0.04	0.04	0.03
BIHAR	SAUDI ARAB	-	-	-	-	0.00	0.00	-
BIHAR	SINGAPORE	-	0.00	0.00	-	0.00	0.00	-
BIHAR	SRI LANKA DSR	-	0.00	-	-	0.00	0.00	-
BIHAR	SURINAME	-	-	-	-	0.00	0.00	-
BIHAR	U K	0.00	0.00	0.01	0.00	-	-	-
BIHAR	UGANDA	-	-	-	0.00	0.00	0.00	-
BIHAR	UKRAINE	0.05	0.01	0.06	0.01	-	-	-
BIHAR	VIETNAM SOC REP	-	-	-	-	0.06	0.06	-

CHANDIGARH	AFGHANISTAN	0.00	-	-	-	-	-	-
CHANDIGARH	AUSTRALIA	0.01	0.00	0.00	0.00	-	-	0.00
CHANDIGARH	CANADA	0.01	0.01	0.01	0.01	0.00	0.00	0.01
CHANDIGARH	GERMANY	-	-	-	-	0.00	0.00	-
CHANDIGARH	HONG KONG	-	-	0.00	-	-	-	-
CHANDIGARH	INDONESIA	0.03	-	-	-	-	-	-
CHANDIGARH	MACEDONIA	-	0.00	-	-	0.00	0.00	-
CHANDIGARH	MALAYSIA	-	0.00	0.00	-	-	-	-
CHANDIGARH	NEPAL	-	0.00	-	-	0.00	0.00	-
CHANDIGARH	NEW ZEALAND	-	0.00	-	-	-	-	-
CHANDIGARH	PHILIPPINES	0.00	-	-	-	-	-	-
CHANDIGARH	SEYCHELLES	-	-	-	-	0.00	0.00	-
CHANDIGARH	SINGAPORE	-	-	-	-	0.00	0.00	-
CHANDIGARH	SRI LANKA DSR	0.00	-	-	-	-	-	-
CHANDIGARH	ST KITT N A	-	-	-	-	0.00	-	-
CHANDIGARH	TAJIKISTAN	-	-	-	0.00	-	-	-
CHANDIGARH	U ARAB EMTS	-	-	-	-	0.00	-	0.00
CHANDIGARH	U K	-	-	-	0.00	-	-	0.00
CHANDIGARH	U S A	-	-	0.00	0.00	0.00	-	0.00
CHANDIGARH	UGANDA	0.09	0.08	0.07	0.10	-	-	-
CHANDIGARH	VIETNAM SOC REP	-	0.00	0.01	-	-	-	-
CHATTISGARH	AFGHANISTAN	-	-	-	-	0.00	0.00	0.00
CHATTISGARH	BANGLADESH PR	0.01	0.01	0.11	0.49	0.84	0.76	0.65
CHATTISGARH	CHINA P RP	-	0.02	0.24	0.94	3.52	3.29	0.99
CHATTISGARH	GERMANY	-	0.02	-	0.08	-	-	-
CHATTISGARH	GHANA	-	-	-	-	-	-	0.03
CHATTISGARH	HONG KONG	-	-	-	0.07	-	-	-
CHATTISGARH	INDONESIA	-	0.02	0.01	-	-	-	-
CHATTISGARH	ISRAEL	-	-	0.02	-	-	-	-
CHATTISGARH	KOREA RP	-	-	0.00	-	-	-	-
CHATTISGARH	MAURITIUS	-	-	-	-	-	-	0.00
CHATTISGARH	NEPAL	0.03	-	0.15	0.10	0.06	0.05	0.07
CHATTISGARH	NIGERIA	-	0.00	0.00	-	-	-	-
CHATTISGARH	PAKISTAN IR	0.11	0.04	0.02	-	0.00	0.00	-
CHATTISGARH	SRI LANKA DSR	-	-	-	0.10	0.00	0.00	0.00
CHATTISGARH	TAIWAN	0.09	0.02	-	-	-	-	0.09
CHATTISGARH	TAJIKISTAN	0.06	-	0.03	0.03	0.02	0.02	-
CHATTISGARH	THAILAND	-	-	0.02	-	-	-	-
CHATTISGARH	U ARAB EMTS	-	-	-	0.20	0.24	0.23	0.10

CHATTISGARH	U S A	-	0.03	-	-	0.20	-	0.02
CHATTISGARH	VIETNAM SOC REP	1.35	0.87	0.18	-	0.09	0.03	-
DADRA & NAGAR HAVELI	BAHARAIN IS	-	-	-	-	-	-	0.01
DADRA & NAGAR HAVELI	BANGLADESH PR	-	-	-	-	-	-	0.00
DADRA & NAGAR HAVELI	CHINA P RP	-	0.00	-	-	-	-	-
DADRA & NAGAR HAVELI	FIJI IS	-	-	-	-	0.00	0.00	0.00
DADRA & NAGAR HAVELI	GEORGIA	-	-	-	-	-	-	0.01
DADRA & NAGAR HAVELI	GHANA	-	-	-	-	0.24	0.23	0.06
DADRA & NAGAR HAVELI	IRAQ	-	-	-	-	-	-	0.01
DADRA & NAGAR HAVELI	KENYA	-	-	-	-	0.01	0.01	0.01
DADRA & NAGAR HAVELI	MALAYSIA	-	-	-	-	-	-	0.03
DADRA & NAGAR HAVELI	NEPAL	0.36	0.27	0.37	0.59	0.32	0.32	0.01
DADRA & NAGAR HAVELI	NIGERIA	-	-	-	0.00	0.68	0.62	0.26
DADRA & NAGAR HAVELI	RUSSIA	-	-	-	-	0.01	0.01	0.00
DADRA & NAGAR HAVELI	SOLOMON IS	-	-	-	-	0.00	0.00	-
DADRA & NAGAR HAVELI	SOUTH AFRICA	-	-	-	0.01	0.03	0.01	0.05
DADRA & NAGAR HAVELI	TANZANIA REP	-	-	-	-	0.06	0.06	0.05
DADRA & NAGAR HAVELI	TOGO	-	-	-	-	0.00	0.00	-
DADRA & NAGAR HAVELI	U ARAB EMTS	-	-	-	-	0.05	0.05	0.08
DADRA & NAGAR HAVELI	U K	0.00	-	-	-	0.01	0.01	-
DADRA & NAGAR HAVELI	U S A	-	-	-	-	-	-	0.41

DADRA & NAGAR HAVELI	UGANDA	-	-	-	-	0.01	0.00	0.01
DADRA & NAGAR HAVELI	YEMEN REPUBLC	-	-	-	-	0.00	0.00	0.01
DAMAN & DIU	AFGHANISTAN	-	-	0.01	0.03	-	-	-
DAMAN & DIU	ALGERIA	0.22	-	0.02	0.19	0.25	0.10	-
DAMAN & DIU	AUSTRALIA	1.14	1.16	0.79	0.74	1.00	0.66	2.40
DAMAN & DIU	BAHARAIN IS	-	0.02	-	-	-	-	-
DAMAN & DIU	BANGLADESH PR	-	-	-	-	0.00	0.00	-
DAMAN & DIU	BHUTAN	-	-	-	0.00	-	-	-
DAMAN & DIU	CAMBODIA	0.04	0.05	0.01	0.06	0.06	0.04	0.04
DAMAN & DIU	CONGO D. REP.	-	-	-	-	0.04	0.04	-
DAMAN & DIU	COSTA RICA	-	-	-	-	-	-	0.00
DAMAN & DIU	COTE D' IVOIRE	-	-	0.00	-	-	-	-
DAMAN & DIU	ETHIOPIA	-	-	-	0.01	0.01	0.01	-
DAMAN & DIU	FRANCE	0.36	1.21	0.87	0.92	0.54	0.46	0.04
DAMAN & DIU	IRAQ	0.24	0.27	0.15	0.12	0.26	0.25	0.19
DAMAN & DIU	JORDAN	0.01	0.02	-	0.01	0.01	0.01	0.01
DAMAN & DIU	KENYA	-	0.01	0.01	0.02	0.01	0.01	0.04
DAMAN & DIU	KOREA RP	-	0.12	-	-	-	-	-
DAMAN & DIU	LEBANON	-	-	0.02	0.03	0.03	0.03	0.03
DAMAN & DIU	LESOTHO	-	-	-	-	0.00	-	-
DAMAN & DIU	MALAWI	-	0.00	0.00	0.00	0.00	0.00	-
DAMAN & DIU	MALAYSIA	0.02	0.12	0.26	0.18	-	-	0.15
DAMAN & DIU	MALDIVES	-	0.00	-	-	-	-	-
DAMAN & DIU	MOZAMBIQUE	-	-	-	-	-	-	0.01
DAMAN & DIU	MYANMAR	0.14	0.07	0.14	0.11	0.23	0.13	0.19
DAMAN & DIU	NEPAL	-	0.02	-	-	-	-	-
DAMAN & DIU	NETHERLANDANTIL	-	-	-	0.00	-	-	0.00
DAMAN & DIU	NIGERIA	0.03	-	-	0.09	-	-	-
DAMAN & DIU	OMAN	0.03	0.04	0.07	0.11	0.07	0.06	0.18
DAMAN & DIU	PHILIPPINES	-	-	-	-	-	-	0.23
DAMAN & DIU	QATAR	0.02	0.06	0.04	0.09	0.05	0.02	0.06
DAMAN & DIU	RUSSIA	2.06	1.87	1.08	1.85	1.68	0.99	2.25
DAMAN & DIU	SAUDI ARAB	-	-	-	0.25	0.18	0.18	0.83
DAMAN & DIU	SEYCHELLES	-	-	-	-	0.00	0.00	-
DAMAN & DIU	SINGAPORE	0.10	0.07	0.19	0.12	0.01	0.00	0.17
DAMAN & DIU	SOMALIA	-	-	-	-	0.00	-	-
DAMAN & DIU	SOUTH AFRICA	-	0.10	0.06	0.60	0.42	0.42	0.76

DAMAN & DIU	SUDAN	0.04	0.04	-	-	0.04	0.04	-
DAMAN & DIU	TANZANIA REP	0.04	0.02	0.07	0.10	0.11	0.09	0.01
DAMAN & DIU	TOGO	-	-	-	-	-	-	0.00
DAMAN & DIU	TURKMENISTAN	-	-	-	-	-	-	0.01
DAMAN & DIU	U ARAB EMTS	0.02	0.13	0.09	0.17	0.01	0.00	0.14
DAMAN & DIU	U S A	-	-	-	0.00	-	-	-
DAMAN & DIU	UGANDA	0.05	0.07	0.07	0.09	0.09	0.09	0.03
DAMAN & DIU	UKRAINE	0.23	0.42	0.52	0.24	0.27	0.19	0.11
DAMAN & DIU	VIETNAM SOC REP	0.02	0.16	0.08	0.12	0.10	0.05	0.07
DAMAN & DIU	YEMEN REPUBLC	-	0.01	0.01	0.08	0.07	0.07	-
DAMAN & DIU	ZAMBIA	0.02	0.02	0.01	-	0.02	0.02	-
DELHI	AFGHANISTAN	0.22	0.19	0.23	0.16	0.12	0.10	0.05
DELHI	ALGERIA	-	0.04	-	-	-	-	0.03
DELHI	ANGOLA	-	0.00	-	-	-	-	0.00
DELHI	ANTIGUA	-	-	-	-	0.01	-	-
DELHI	ARMENIA	0.00	-	-	-	-	-	0.00
DELHI	AUSTRALIA	0.42	0.43	0.49	0.96	0.72	0.60	0.48
DELHI	AUSTRIA	0.00	0.01	0.00	0.01	0.00	0.00	-
DELHI	AZERBAIJAN	0.00	-	0.00	-	-	-	-
DELHI	BAHAMAS	-	-	-	-	-	-	0.00
DELHI	BAHARAIN IS	0.00	0.00	0.00	0.01	-	-	-
DELHI	BANGLADESH PR	0.09	0.12	0.08	0.07	0.08	0.05	0.08
DELHI	BARBADOS	-	0.00	0.00	-	-	-	-
DELHI	BELARUS	0.01	-	-	0.03	0.11	-	-
DELHI	BELGIUM	0.02	0.00	0.00	0.00	0.00	-	0.01
DELHI	BELIZE	0.01	-	-	-	-	-	-
DELHI	BENIN	-	-	-	0.00	-	-	-
DELHI	BHUTAN	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DELHI	BOTSWANA	-	0.00	-	-	-	-	-
DELHI	BRAZIL	-	0.00	0.00	-	0.00	0.00	0.00
DELHI	BRUNEI	0.00	-	-	-	-	-	-
DELHI	BULGARIA	0.02	0.02	0.02	0.00	-	-	0.02
DELHI	BURKINA FASO	0.03	0.08	0.13	0.13	-	-	-
DELHI	CAMBODIA	0.01	-	-	0.01	0.01	0.01	0.01
DELHI	CAMEROON	-	0.00	-	0.00	-	-	0.00
DELHI	CANADA	0.13	0.21	0.24	0.41	0.37	0.32	0.44
DELHI	CAYMAN IS	-	-	0.00	0.00	-	-	0.00
DELHI	CHAD	-	-	0.00	-	-	-	-
DELHI	CHILE	-	0.01	-	0.00	0.01	0.01	-



DELHI	CHINA P RP	0.13	0.06	0.12	0.17	0.11	0.11	0.28
DELHI	COLOMBIA	-	-	-	0.01	-	-	0.00
DELHI	COMOROS	-	-	-	-	0.00	0.00	-
DELHI	CONGO D. REP.	-	0.00	0.01	0.00	0.00	0.00	-
DELHI	CONGO P REP	-	0.00	0.00	0.00	-	-	-
DELHI	COSTA RICA	-	0.00	0.02	-	-	-	-
DELHI	COTE D' IVOIRE	0.00	0.00	0.00	0.00	-	-	-
DELHI	CROATIA	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DELHI	CYPRUS	0.00	0.01	0.00	0.00	0.00	0.00	0.00
DELHI	CZECH REPUBLIC	0.10	0.05	0.08	0.02	0.02	0.02	0.03
DELHI	DENMARK	0.00	0.00	0.01	0.02	0.01	0.01	0.04
DELHI	DJIBOUTI	-	-	-	-	0.01	0.01	-
DELHI	DOMINIC REP	-	-	-	-	0.00	-	-
DELHI	DOMINICA	0.00	-	-	-	-	-	-
DELHI	EGYPT A RP	0.02	0.03	0.02	0.06	-	-	-
DELHI	ESTONIA	0.72	-	-	0.00	-	-	0.06
DELHI	FIJI IS	0.01	0.02	0.00	0.00	0.00	-	0.00
DELHI	FINLAND	0.02	0.02	-	0.00	0.00	0.00	-
DELHI	FRANCE	0.26	0.44	0.48	0.51	0.84	0.63	0.55
DELHI	GEORGIA	0.01	-	0.11	-	0.00	0.00	0.00
DELHI	GERMANY	0.38	0.05	0.07	1.46	0.22	0.20	0.09
DELHI	GHANA	0.00	0.00	0.00	0.07	0.08	0.05	0.04
DELHI	GREECE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DELHI	GUINEA	0.00	0.00	-	0.05	0.00	0.00	-
DELHI	GUYANA	0.00	-	-	0.00	-	-	-
DELHI	HONG KONG	1.69	1.09	0.55	0.53	0.12	0.10	0.10
DELHI	HUNGARY	0.03	0.03	0.02	0.02	0.01	0.01	0.00
DELHI	ICELAND	-	0.00	-	-	-	-	-
DELHI	INDONESIA	0.02	0.02	0.00	0.01	-	-	-
DELHI	IRAN	0.01	-	0.61	0.03	-	-	0.10
DELHI	IRAQ	0.11	-	-	0.06	0.01	0.01	0.05
DELHI	IRELAND	0.00	0.00	0.00	0.00	0.00	0.00	0.01
DELHI	ISRAEL	0.00	0.00	0.01	0.01	-	-	0.00
DELHI	ITALY	0.05	0.08	0.07	0.09	0.09	0.09	0.03
DELHI	JAMAICA	-	-	-	-	0.00	0.00	-
DELHI	JAPAN	0.19	0.54	0.61	0.52	0.13	0.13	0.10
DELHI	JORDAN	-	-	-	-	-	-	0.00
DELHI	KAZAKHSTAN	0.09	0.59	1.32	1.26	0.68	0.50	2.59
DELHI	KENYA	0.00	0.00	-	-	0.01	0.00	0.01

DELHI	KOREA DP RP	0.02	0.02	-	-	-	-	-
DELHI	KOREA RP	0.03	0.15	0.04	0.02	0.01	0.00	0.02
DELHI	KUWAIT	0.11	0.08	0.10	0.12	0.11	0.08	0.07
DELHI	KYRGHYZSTAN	0.01	0.12	0.04	0.05	0.04	0.03	0.10
DELHI	LAO PD RP	-	-	-	-	-	-	0.00
DELHI	LATVIA	0.16	0.92	0.13	0.13	0.33	0.29	0.80
DELHI	LEBANON	-	-	0.02	0.01	-	-	-
DELHI	LIBERIA	-	0.00	-	-	-	-	-
DELHI	LIBYA	0.11	0.02	0.06	0.00	0.02	0.02	-
DELHI	LITHUANIA	-	0.35	0.45	1.07	0.37	0.28	0.56
DELHI	LUXEMBOURG	-	0.00	-	-	-	-	-
DELHI	MALAYSIA	0.01	0.00	0.02	0.03	0.03	0.02	0.24
DELHI	MALDIVES	0.00	0.00	0.01	0.00	0.01	0.00	0.01
DELHI	MALI	0.03	0.01	0.13	-	-	-	0.00
DELHI	MALTA	-	-	-	0.00	-	-	-
DELHI	MARTINIQUE	-	-	-	-	0.00	0.00	-
DELHI	MAURITIUS	0.04	0.12	0.09	0.09	0.05	0.05	0.03
DELHI	MEXICO	0.00	-	0.01	-	-	-	-
DELHI	MOLDOVA	-	-	0.00	-	0.00	0.00	0.00
DELHI	MONGOLIA	0.00	-	0.00	0.01	0.01	0.01	0.00
DELHI	MOROCCO	0.00	0.00	0.37	0.68	0.76	0.76	-
DELHI	MOZAMBIQUE	-	-	-	0.00	-	-	-
DELHI	MYANMAR	0.02	0.01	0.06	0.03	0.02	0.02	-
DELHI	NAMIBIA	-	-	-	0.00	0.00	0.00	-
DELHI	NEPAL	0.87	0.65	1.49	0.68	1.05	0.72	0.78
DELHI	NETHERLAND	0.05	0.03	0.02	0.59	1.14	0.65	1.61
DELHI	NETHERLANDANTIL	-	-	-	0.00	-	-	-
DELHI	NEW ZEALAND	0.12	0.11	0.11	0.18	0.17	0.14	0.06
DELHI	NIGER	0.00	-	0.00	0.00	-	-	-
DELHI	NIGERIA	0.02	0.02	0.01	0.00	0.01	0.01	0.01
DELHI	NORFOLK IS	-	-	0.02	-	-	-	-
DELHI	NORWAY	0.00	0.00	0.00	0.00	0.00	0.00	-
DELHI	OMAN	0.00	0.01	0.00	0.01	0.00	-	0.00
DELHI	PAKISTAN IR	0.11	0.02	0.07	0.05	0.02	0.01	0.03
DELHI	PANAMA REPUBLIC	-	0.00	0.00	0.00	0.00	0.00	0.00
DELHI	PAPUA N GNA	0.00	-	-	-	-	-	-
DELHI	PERU	-	-	-	0.00	-	-	-
DELHI	PHILIPPINES	0.07	0.07	0.02	0.06	0.17	0.14	0.19
DELHI	POLAND	0.31	0.11	0.06	0.49	2.95	2.76	0.80

DELHI	PORTUGAL	0.00	0.00	-	-	-	-	-
DELHI	QATAR	0.00	0.00	0.00	-	0.16	0.13	0.02
DELHI	REUNION	0.00	-	0.00	-	-	-	-
DELHI	ROMANIA	0.06	0.42	0.53	0.20	0.21	0.21	0.01
DELHI	RUSSIA	0.39	0.39	0.22	0.40	0.27	0.26	0.25
DELHI	SAMOA	-	-	0.00	0.00	0.00	0.00	-
DELHI	SAUDI ARAB	0.06	0.02	0.02	0.02	0.09	0.07	0.03
DELHI	SENEGAL	-	-	-	-	0.11	0.11	0.04
DELHI	SERBIA	-	-	-	0.01	0.03	0.03	-
DELHI	SEYCHELLES	0.00	0.00	0.00	0.00	0.00	-	0.01
DELHI	SIERRA LEONE	0.02	-	0.00	0.01	0.01	-	-
DELHI	SINGAPORE	0.14	0.08	1.50	0.14	0.10	0.07	0.04
DELHI	SLOVAK REP	-	0.00	0.00	0.01	-	-	-
DELHI	SLOVENIA	0.01	-	-	0.04	-	-	0.00
DELHI	SOMALIA	0.01	-	-	-	0.01	0.01	0.00
DELHI	SOUTH AFRICA	0.02	0.00	0.10	0.17	0.14	0.14	0.02
DELHI	SPAIN	0.00	0.00	0.02	0.08	0.04	0.02	0.02
DELHI	SRI LANKA DSR	0.08	0.01	0.04	0.05	0.02	0.02	0.02
DELHI	ST LUCIA	-	0.00	-	-	-	-	-
DELHI	SUDAN	-	-	0.07	-	0.00	-	-
DELHI	SURINAME	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DELHI	SWEDEN	0.00	0.00	0.00	0.01	0.00	0.00	0.01
DELHI	SWITZERLAND	0.00	0.00	0.01	0.02	0.01	0.01	0.03
DELHI	TAIWAN	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DELHI	TAJIKISTAN	0.32	0.44	0.40	0.45	0.37	0.24	0.34
DELHI	TANZANIA REP	-	-	-	-	-	-	0.00
DELHI	THAILAND	0.01	0.00	0.00	0.14	0.17	0.13	0.02
DELHI	TIMOR-LESTE	0.01	0.02	-	-	-	-	-
DELHI	TOGO	0.06	0.00	0.27	-	-	-	0.00
DELHI	TRINIDAD	0.00	0.02	0.00	-	-	-	0.00
DELHI	TURKEY	-	0.04	-	0.01	0.00	0.00	0.04
DELHI	TURKMENISTAN	0.07	0.10	0.13	0.13	0.07	0.07	0.07
DELHI	U ARAB EMTS	0.95	2.06	1.62	1.41	1.15	0.92	1.21
DELHI	U K	0.03	0.08	0.11	0.24	0.29	0.28	0.14
DELHI	U S A	0.87	1.38	1.39	2.79	2.47	2.06	2.26
DELHI	UGANDA	-	-	0.00	0.00	-	-	0.00
DELHI	UKRAINE	0.41	0.49	0.14	0.15	0.04	0.04	0.07
DELHI	UZBEKISTAN	0.27	0.06	0.17	0.16	0.33	0.32	0.61
DELHI	VANUATU REP	-	-	-	-	-	-	0.00

DELHI	VIETNAM SOC REP	0.50	0.71	0.00	0.00	0.01	0.00	0.00
DELHI	ZAMBIA	-	0.00	0.04	-	0.01	-	-
DELHI	ZIMBABWE	-	-	-	-	0.00	0.00	-
GOA	AFGHANISTAN	-	-	0.00	-	0.00	0.00	0.00
GOA	AUSTRALIA	0.01	-	-	-	-	-	-
GOA	BANGLADESH PR	0.00	-	-	-	-	-	-
GOA	CAYMAN IS	-	-	-	-	-	-	0.00
GOA	ERITREA	-	-	0.00	-	-	-	-
GOA	GERMANY	0.00	0.01	-	0.02	0.00	0.00	-
GOA	GHANA	-	0.00	-	-	-	-	-
GOA	GRENADA	-	-	-	-	-	-	0.00
GOA	INDONESIA	0.01	0.09	0.02	-	0.02	0.02	-
GOA	IRELAND	1.06	0.89	1.01	0.96	0.62	0.31	0.86
GOA	JAPAN	0.01	0.01	-	-	0.00	0.00	-
GOA	KAZAKHSTAN	-	-	-	-	0.00	0.00	-
GOA	MALAYSIA	0.02	0.05	0.05	0.02	0.01	0.01	0.01
GOA	MALDIVES	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GOA	MALTA	-	-	0.00	-	-	-	-
GOA	NEPAL	0.00	0.00	0.00	-	-	-	-
GOA	NETHERLAND	0.02	0.00	-	0.04	0.03	0.03	0.03
GOA	PAKISTAN IR	0.01	-	-	-	-	-	-
GOA	PHILIPPINES	-	-	-	0.00	0.00	0.00	-
GOA	RUSSIA	-	-	-	0.01	0.05	0.05	-
GOA	SEYCHELLES	-	-	-	-	0.00	0.00	0.01
GOA	SINGAPORE	-	-	-	-	0.00	0.00	-
GOA	SOUTH AFRICA	-	-	0.00	-	-	-	-
GOA	SPAIN	-	-	-	-	0.00	0.00	-
GOA	SRI LANKA DSR	-	-	-	0.03	-	-	-
GOA	ST LUCIA	-	-	-	-	0.00	0.00	0.00
GOA	SWEDEN	-	-	0.00	-	-	-	-
GOA	TANZANIA REP	0.01	-	-	-	-	-	-
GOA	U ARAB EMTS	-	-	-	-	-	-	0.00
GOA	U S A	-	0.01	1.53	0.02	0.00	0.00	-
GOA	VANUATU REP	-	-	-	-	-	-	0.00
GOA	VIETNAM SOC REP	0.02	-	-	0.00	0.00	0.00	-
GOA	ZIMBABWE	-	-	-	-	0.00	0.00	0.00
GUJARAT	AFGHANISTAN	1.17	1.52	3.53	1.45	1.44	1.07	2.39
GUJARAT	ALBANIA	-	-	0.02	-	0.01	0.00	0.01
GUJARAT	ALGERIA	1.17	1.31	1.48	0.99	0.85	0.52	1.12

GUJARAT	ANGOLA	0.09	0.28	0.06	0.15	0.28	0.21	0.50
GUJARAT	ANTIGUA	0.00	0.01	0.01	0.00	-	-	-
GUJARAT	ARGENTINA	0.07	0.08	0.09	0.22	0.17	0.15	0.12
GUJARAT	ARUBA	-	-	-	-	0.00	0.00	-
GUJARAT	AUSTRALIA	4.03	3.47	4.32	6.50	7.12	5.63	5.73
GUJARAT	AUSTRIA	3.57	1.37	1.29	3.14	3.31	2.31	3.89
GUJARAT	AZERBAIJAN	0.06	0.02	0.01	-	0.01	0.01	0.06
GUJARAT	BAHAMAS	0.00	-	-	0.00	-	-	-
GUJARAT	BAHARAIN IS	0.02	0.05	0.04	0.08	0.15	0.13	0.17
GUJARAT	BANGLADESH PR	1.90	3.70	5.92	5.42	8.43	5.69	3.95
GUJARAT	BARBADOS	-	-	-	0.00	0.00	0.00	0.00
GUJARAT	BELARUS	0.01	0.02	0.00	0.00	-	-	-
GUJARAT	BELGIUM	5.25	1.88	4.21	3.49	0.53	0.53	0.73
GUJARAT	BELIZE	-	-	-	-	-	-	0.00
GUJARAT	BENIN	0.00	0.00	0.01	0.00	0.00	0.00	0.00
GUJARAT	BHUTAN	-	-	0.02	0.04	0.03	0.03	0.04
GUJARAT	BOLIVIA	0.03	0.00	0.02	0.01	0.01	0.01	0.02
GUJARAT	BOSNIA-HRZGOVIN	-	-	0.00	-	-	-	-
GUJARAT	BOTSWANA	-	-	0.00	-	-	-	-
GUJARAT	BRAZIL	0.63	1.00	1.69	1.97	2.10	1.96	2.34
GUJARAT	BRUNEI	-	-	0.00	-	0.00	0.00	0.01
GUJARAT	BULGARIA	0.47	0.37	0.32	0.47	0.49	0.45	0.42
GUJARAT	BURKINA FASO	0.00	-	-	-	0.00	0.00	0.00
GUJARAT	BURUNDI	0.01	-	-	0.00	0.01	0.01	0.02
GUJARAT	C AFRI REP	-	0.00	0.01	-	-	-	-
GUJARAT	CAMBODIA	0.06	0.07	0.04	0.11	0.05	0.05	0.08
GUJARAT	CAMEROON	0.01	0.00	0.01	0.00	0.02	0.02	0.01
GUJARAT	CANADA	1.69	2.14	2.84	3.31	4.38	3.64	3.72
GUJARAT	CAYMAN IS	0.00	0.00	-	-	0.00	0.00	0.00
GUJARAT	CHAD	0.00	-	-	-	-	-	-
GUJARAT	CHILE	0.16	0.11	0.13	0.22	0.37	0.28	0.19
GUJARAT	CHINA P RP	7.24	8.96	5.78	8.62	6.38	5.37	5.58
GUJARAT	COLOMBIA	0.88	0.55	0.51	0.61	1.35	1.17	0.42
GUJARAT	CONGO D. REP.	0.00	0.00	0.01	0.07	0.18	0.13	0.21
GUJARAT	CONGO P REP	0.00	0.00	0.01	0.00	0.01	-	0.01
GUJARAT	COSTA RICA	0.41	0.26	0.21	0.28	0.12	0.12	0.15
GUJARAT	COTE D' IVOIRE	0.00	0.01	0.00	0.00	0.06	0.06	0.04
GUJARAT	CROATIA	0.02	0.07	0.07	0.07	0.08	0.07	0.07
GUJARAT	CYPRUS	-	0.00	-	-	0.00	0.00	0.00

GUJARAT	CZECH REPUBLIC	0.51	0.11	0.20	0.19	0.01	0.01	0.19
GUJARAT	DENMARK	4.16	0.85	1.90	3.54	3.48	3.21	3.97
GUJARAT	DJIBOUTI	-	-	-	-	0.00	0.00	-
GUJARAT	DOMINIC REP	0.01	0.00	-	-	0.02	0.01	-
GUJARAT	DOMINICA	0.01	0.01	0.01	-	-	-	-
GUJARAT	ECUADOR	0.20	0.32	0.33	0.37	0.53	0.53	0.71
GUJARAT	EGYPT A RP	0.12	0.40	0.44	0.57	0.25	0.20	0.03
GUJARAT	EL SALVADOR	0.11	0.03	0.09	0.05	0.06	0.06	0.19
GUJARAT	EQU TL GUINEA	0.00	0.00	-	-	0.00	0.00	0.00
GUJARAT	ESTONIA	0.10	0.08	0.08	0.20	0.14	0.03	0.15
GUJARAT	ETHIOPIA	-	0.12	0.03	0.03	-	-	0.05
GUJARAT	FIJI IS	0.01	0.02	0.04	0.06	0.05	0.03	0.06
GUJARAT	FINLAND	0.59	0.26	0.35	0.44	0.38	0.28	0.56
GUJARAT	FR GUIANA	-	-	-	0.00	-	-	-
GUJARAT	FRANCE	5.40	3.17	3.50	4.53	4.91	3.71	4.55
GUJARAT	GABON	-	-	-	0.00	0.00	0.00	0.00
GUJARAT	GAMBIA	0.00	0.01	0.03	0.06	0.00	0.00	0.01
GUJARAT	GEORGIA	-	-	0.01	0.01	0.01	0.01	0.02
GUJARAT	GERMANY	36.72	24.77	30.65	40.96	46.23	38.54	42.12
GUJARAT	GHANA	0.93	0.62	0.64	0.85	0.93	0.77	0.81
GUJARAT	GREECE	-	0.01	0.01	0.11	0.04	0.04	0.00
GUJARAT	GRENADA	-	-	0.00	-	0.00	0.00	0.00
GUJARAT	GUADELOUPE	0.00	-	-	0.00	-	-	-
GUJARAT	GUATEMALA	0.75	0.46	0.33	0.48	0.78	0.59	0.58
GUJARAT	GUINEA	0.01	0.00	0.01	0.01	0.01	0.01	0.00
GUJARAT	GUINEA BISSAU	0.00	-	-	-	0.00	0.00	0.00
GUJARAT	GUYANA	0.00	0.00	0.00	0.01	0.01	0.00	0.01
GUJARAT	HAITI	-	-	-	-	0.01	0.01	0.01
GUJARAT	HONDURAS	0.01	0.01	0.02	0.02	0.01	0.01	0.01
GUJARAT	HONG KONG	0.06	0.08	0.07	0.07	0.03	0.03	0.08
GUJARAT	HUNGARY	0.27	0.19	0.21	0.21	0.25	0.13	0.14
GUJARAT	ICELAND	-	0.00	0.00	-	-	-	0.15
GUJARAT	INDONESIA	0.58	0.35	0.59	1.31	1.73	1.30	1.85
GUJARAT	IRAN	0.87	0.72	2.00	0.45	0.33	0.26	0.12
GUJARAT	IRAQ	1.61	1.62	1.45	1.69	1.20	0.96	1.32
GUJARAT	IRELAND	0.69	1.61	1.23	1.48	2.72	2.13	1.73
GUJARAT	ISRAEL	0.08	0.04	0.04	0.23	0.33	0.27	0.21
GUJARAT	ITALY	12.09	9.91	8.99	7.68	10.97	7.54	12.60
GUJARAT	JAMAICA	0.00	-	-	0.00	-	-	-

GUJARAT	JAPAN	2.77	2.51	2.47	3.99	3.54	3.52	2.25
GUJARAT	JORDAN	0.06	0.11	0.16	0.12	0.14	0.07	0.16
GUJARAT	KAZAKHSTAN	0.16	0.15	0.10	0.03	0.04	0.01	0.16
GUJARAT	KENYA	0.04	0.12	0.05	0.09	0.22	0.17	0.54
GUJARAT	KOREA RP	2.35	1.98	2.80	2.86	5.99	4.56	4.58
GUJARAT	KUWAIT	0.42	0.45	0.56	0.52	0.97	0.74	0.57
GUJARAT	KYRGHYZSTAN	0.02	0.05	-	-	0.06	0.05	0.01
GUJARAT	LATVIA	0.14	0.01	0.02	0.11	0.50	0.41	0.10
GUJARAT	LEBANON	-	0.04	0.05	0.03	0.10	0.08	0.22
GUJARAT	LESOTHO	0.00	-	-	-	-	-	-
GUJARAT	LIBERIA	-	0.01	-	0.03	0.01	0.00	0.01
GUJARAT	LIBYA	-	0.00	0.02	0.05	0.07	0.07	0.00
GUJARAT	LITHUANIA	0.42	0.17	0.40	0.40	0.57	0.57	0.33
GUJARAT	MACEDONIA	-	-	0.00	0.00	-	-	0.02
GUJARAT	MADAGASCAR	-	0.00	-	0.01	0.05	0.05	0.01
GUJARAT	MALAWI	0.02	0.01	0.01	0.01	0.01	0.01	0.01
GUJARAT	MALAYSIA	3.42	2.72	2.28	3.17	3.11	2.60	2.18
GUJARAT	MALDIVES	0.00	0.00	0.00	0.01	0.00	0.00	0.00
GUJARAT	MALI	-	-	-	-	0.00	0.00	0.00
GUJARAT	MALTA	-	0.00	-	-	-	-	-
GUJARAT	MAURITANIA	-	-	0.00	-	0.00	0.00	0.00
GUJARAT	MAURITIUS	0.07	0.82	0.59	0.08	0.16	0.11	0.16
GUJARAT	MEXICO	2.60	2.53	3.21	3.12	3.79	2.57	4.87
GUJARAT	MICRONESIA	-	-	-	0.00	-	-	-
GUJARAT	MOLDOVA	0.01	-	-	-	-	-	-
GUJARAT	MONGOLIA	-	-	0.00	0.01	0.01	0.01	0.01
GUJARAT	MONTENEGRO	-	0.00	-	-	-	-	-
GUJARAT	MOROCCO	0.02	0.06	0.22	0.17	0.16	0.13	0.23
GUJARAT	MOZAMBIQUE	0.00	0.00	0.00	0.06	0.13	0.07	0.07
GUJARAT	MYANMAR	0.19	0.18	0.11	0.17	0.27	0.15	0.12
GUJARAT	NAMIBIA	-	-	-	-	0.00	0.00	0.00
GUJARAT	NEPAL	1.13	0.91	1.08	0.86	2.10	1.92	0.94
GUJARAT	NETHERLAND	0.84	0.64	0.56	0.90	4.81	4.73	5.30
GUJARAT	NETHERLANDANTIL	0.00	-	-	-	-	-	-
GUJARAT	NEW ZEALAND	0.25	0.28	0.44	0.53	0.67	0.60	0.67
GUJARAT	NICARAGUA	-	0.00	-	0.00	0.02	0.02	-
GUJARAT	NIGER	0.00	-	-	-	-	-	0.00
GUJARAT	NIGERIA	0.08	0.10	0.09	0.21	0.51	0.48	0.25
GUJARAT	NORWAY	0.03	0.00	-	0.00	-	-	-

GUJARAT	OMAN	0.07	0.08	0.06	0.27	0.15	0.09	0.22
GUJARAT	PAKISTAN IR	3.83	3.11	0.81	0.09	0.50	0.34	2.55
GUJARAT	PANAMA REPUBLIC	0.01	-	-	0.01	0.01	0.00	-
GUJARAT	PAPUA N GNA	-	-	0.00	0.00	0.01	0.01	0.00
GUJARAT	PARAGUAY	-	0.02	0.02	0.02	0.01	-	0.03
GUJARAT	PERU	0.03	0.03	0.03	0.10	0.10	0.10	0.02
GUJARAT	PHILIPPINES	0.28	0.05	0.34	0.65	0.94	0.72	0.49
GUJARAT	POLAND	0.98	0.77	0.89	1.10	0.82	0.52	0.76
GUJARAT	PORTUGAL	-	-	0.00	-	0.00	0.00	-
GUJARAT	QATAR	0.10	0.30	0.34	0.44	0.51	0.39	0.39
GUJARAT	REUNION	0.00	0.00	0.01	0.01	-	-	0.02
GUJARAT	ROMANIA	0.36	0.33	0.45	0.38	0.45	0.45	0.36
GUJARAT	RUSSIA	1.95	3.22	2.47	2.49	3.01	2.51	3.21
GUJARAT	RWANDA	-	-	-	-	0.00	0.00	0.00
GUJARAT	SAUDI ARAB	0.94	0.59	0.61	0.97	0.45	0.42	0.81
GUJARAT	SENEGAL	0.00	-	0.00	0.00	-	-	0.01
GUJARAT	SERBIA	0.05	0.00	0.02	0.01	0.03	0.03	0.01
GUJARAT	SEYCHELLES	0.01	0.01	0.00	0.00	0.02	0.01	0.00
GUJARAT	SIERRA LEONE	0.01	-	-	-	0.00	0.00	0.02
GUJARAT	SINGAPORE	0.22	0.22	0.23	0.29	0.36	0.24	0.24
GUJARAT	SLOVAK REP	0.02	0.00	0.01	0.00	0.01	0.01	0.01
GUJARAT	SLOVENIA	0.03	0.06	0.04	0.62	0.13	0.13	0.01
GUJARAT	SOLOMON IS	-	-	-	-	-	-	0.00
GUJARAT	SOMALIA	0.07	0.01	0.02	0.07	0.11	0.10	0.11
GUJARAT	SOUTH AFRICA	0.39	0.40	0.66	1.00	4.81	3.63	5.16
GUJARAT	SOUTH SUDAN	-	-	0.00	-	0.01	0.01	-
GUJARAT	SPAIN	2.15	1.95	2.98	2.70	3.22	2.40	3.00
GUJARAT	SRI LANKA DSR	0.13	0.13	0.16	0.43	0.89	0.74	0.82
GUJARAT	ST KITT N A	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GUJARAT	ST LUCIA	0.01	0.01	0.01	0.01	0.01	0.01	0.01
GUJARAT	ST VINCENT	0.00	0.00	-	-	-	-	-
GUJARAT	SUDAN	0.34	0.55	0.97	0.50	0.64	0.60	0.41
GUJARAT	SURINAME	-	0.00	0.00	-	0.00	0.00	-
GUJARAT	SWAZILAND	-	-	0.03	0.00	0.01	0.00	0.00
GUJARAT	SWEDEN	0.52	0.23	0.39	0.94	2.48	1.88	2.18
GUJARAT	SWITZERLAND	0.07	0.11	0.01	0.24	0.16	0.16	0.00
GUJARAT	SYRIA	-	0.01	0.00	0.06	0.08	0.08	-
GUJARAT	TAIWAN	1.29	1.61	0.99	1.18	1.14	0.93	0.88
GUJARAT	TAJIKISTAN	0.00	0.01	0.05	0.02	0.07	0.06	0.18



GUJARAT	TANZANIA REP	0.20	0.39	0.24	0.60	0.64	0.46	0.62
GUJARAT	THAILAND	1.44	1.42	1.29	1.81	2.39	2.00	1.79
GUJARAT	TIMOR-LESTE	-	-	0.00	-	-	-	-
GUJARAT	TOGO	0.00	-	-	0.00	0.01	0.01	0.01
GUJARAT	TONGA	-	-	-	-	0.00	0.00	0.00
GUJARAT	TRINIDAD	0.01	0.02	0.01	0.05	0.03	0.03	0.01
GUJARAT	TUNISIA	0.03	0.03	-	0.03	0.02	0.02	0.05
GUJARAT	TURKEY	0.36	0.05	0.20	0.46	0.61	0.58	0.60
GUJARAT	TURKMENISTAN	0.02	0.01	0.15	0.14	0.14	0.12	0.27
GUJARAT	U ARAB EMTS	6.07	5.75	6.56	8.20	6.53	4.84	5.20
GUJARAT	U K	7.97	6.28	8.38	9.16	10.31	8.60	11.91
GUJARAT	U S A	76.07	66.77	53.63	89.69	101.35	80.32	86.69
GUJARAT	UGANDA	0.18	0.16	0.22	0.17	0.89	0.80	0.36
GUJARAT	UKRAINE	0.49	0.49	0.44	0.55	0.21	0.21	0.05
GUJARAT	URUGUAY	0.03	0.03	0.04	0.07	0.05	0.04	0.05
GUJARAT	UZBEKISTAN	0.13	0.28	0.25	0.59	0.56	0.39	0.48
GUJARAT	VANUATU REP	-	-	-	-	-	-	0.00
GUJARAT	VENEZUELA	0.00	0.01	-	0.01	0.02	0.02	-
GUJARAT	VIETNAM SOC REP	2.94	2.75	1.30	0.11	0.22	0.21	0.41
GUJARAT	YEMEN REPUBLC	0.19	0.06	0.15	0.09	0.33	0.28	0.08
GUJARAT	ZAMBIA	0.08	0.11	0.05	0.08	0.10	0.07	0.07
GUJARAT	ZIMBABWE	-	-	-	-	0.02	0.02	0.01
HARYANA	AFGHANISTAN	0.05	0.07	0.03	0.08	0.06	0.06	0.10
HARYANA	AUSTRALIA	0.01	0.00	0.02	0.04	0.02	0.02	0.06
HARYANA	AUSTRIA	0.00	-	-	0.00	-	-	-
HARYANA	AZERBAIJAN	-	0.00	-	-	-	-	-
HARYANA	BAHARAIN IS	-	0.00	-	-	0.00	0.00	-
HARYANA	BANGLADESH PR	-	0.01	0.00	0.00	0.04	0.04	0.03
HARYANA	BELARUS	-	-	-	0.00	-	-	-
HARYANA	BELGIUM	0.01	-	-	0.00	-	-	-
HARYANA	BENIN	-	-	-	-	0.00	0.00	0.00
HARYANA	BHUTAN	0.00	-	0.00	0.00	0.01	0.00	0.00
HARYANA	BOSNIA-HRZGOVIN	0.01	-	-	-	-	-	-
HARYANA	BRAZIL	0.08	0.00	0.00	-	0.01	0.01	-
HARYANA	BRUNEI	-	-	-	0.00	0.01	0.01	0.00
HARYANA	BULGARIA	-	-	0.00	-	0.01	0.01	0.00
HARYANA	BURKINA FASO	-	-	0.00	-	-	-	0.00
HARYANA	BURUNDI	-	0.00	-	-	-	-	-
HARYANA	CAMBODIA	0.00	0.01	0.02	0.04	0.14	0.11	0.05

HARYANA	CAMEROON	-	-	0.01	0.00	0.01	0.01	-
HARYANA	CANADA	0.05	0.05	0.03	0.06	0.04	0.02	0.03
HARYANA	CHILE	-	-	0.00	0.33	0.23	0.23	0.01
HARYANA	CHINA P RP	0.00	0.17	0.14	0.34	0.24	0.24	0.11
HARYANA	COLOMBIA	-	-	0.01	-	0.01	0.01	-
HARYANA	CONGO P REP	-	-	-	-	-	-	0.00
HARYANA	COTE D' IVOIRE	0.00	-	-	-	-	-	0.00
HARYANA	CYPRUS	-	-	-	0.00	-	-	-
HARYANA	CZECH REPUBLIC	-	0.00	0.01	0.01	0.01	0.01	0.00
HARYANA	EGYPT A RP	-	0.04	0.06	-	-	-	-
HARYANA	FIJI IS	-	-	-	0.00	0.02	0.00	0.02
HARYANA	FRANCE	-	0.00	0.00	0.00	0.02	0.02	0.02
HARYANA	GAMBIA	-	-	-	-	0.00	0.00	-
HARYANA	GEORGIA	-	-	-	-	0.03	0.03	0.15
HARYANA	GERMANY	-	-	0.03	0.14	0.35	0.35	0.32
HARYANA	GHANA	0.00	0.02	0.01	0.00	0.33	0.26	0.18
HARYANA	GREECE	0.00	-	-	0.01	0.05	0.05	-
HARYANA	GRENADA	-	-	-	-	0.00	0.00	-
HARYANA	GUADELOUPE	-	0.01	-	-	-	-	-
HARYANA	GUINEA	-	-	0.02	-	-	-	0.01
HARYANA	HAITI	0.01	-	0.00	-	-	-	-
HARYANA	HONG KONG	0.04	2.00	0.00	0.00	0.01	0.00	0.01
HARYANA	INDONESIA	-	0.02	-	-	-	-	-
HARYANA	IRAN	-	-	-	-	-	-	0.03
HARYANA	IRAQ	-	0.08	0.02	0.02	0.00	0.00	0.02
HARYANA	ISRAEL	0.02	-	0.00	0.00	0.01	0.01	-
HARYANA	ITALY	0.20	0.04	0.07	0.86	0.82	0.40	0.45
HARYANA	JAPAN	0.26	0.02	0.02	0.04	0.07	0.05	0.07
HARYANA	JORDAN	-	-	0.03	-	0.01	-	-
HARYANA	KAZAKHSTAN	-	-	0.08	0.35	0.13	0.13	0.49
HARYANA	KENYA	0.25	0.36	0.23	0.22	0.19	0.19	0.04
HARYANA	KOREA DP RP	-	-	-	0.00	-	-	-
HARYANA	KOREA RP	0.17	0.25	0.20	0.52	0.70	0.61	0.52
HARYANA	KUWAIT	-	-	-	0.02	-	-	-
HARYANA	KYRGHYZSTAN	0.00	-	-	0.02	0.01	0.01	0.01
HARYANA	LAO PD RP	-	-	-	-	0.01	-	-
HARYANA	LATVIA	-	0.05	-	-	0.08	0.08	0.24
HARYANA	LEBANON	-	0.04	0.09	-	-	-	-
HARYANA	LIBERIA	-	-	-	-	0.01	0.01	-

HARYANA	LITHUANIA	-	0.00	0.03	0.22	0.34	0.34	0.25
HARYANA	MADAGASCAR	-	-	0.00	-	-	-	-
HARYANA	MALAYSIA	0.00	-	0.00	0.02	0.04	0.04	0.03
HARYANA	MALDIVES	-	-	-	-	0.00	0.00	0.03
HARYANA	MAURITANIA	0.00	-	-	-	-	-	-
HARYANA	MAURITIUS	0.00	0.01	0.01	0.01	0.02	0.02	0.03
HARYANA	MEXICO	-	0.00	-	-	-	-	-
HARYANA	MOLDOVA	0.04	-	0.01	0.00	0.01	0.01	0.01
HARYANA	MOROCCO	-	0.00	0.00	0.00	-	-	-
HARYANA	MYANMAR	0.00	-	-	0.00	0.02	0.02	0.01
HARYANA	NEPAL	1.07	2.61	1.15	1.61	1.59	1.48	1.07
HARYANA	NETHERLAND	0.00	0.00	-	0.01	0.08	0.07	0.00
HARYANA	NEW CALEDONIA	-	-	-	-	0.00	0.00	-
HARYANA	NEW ZEALAND	0.00	0.01	0.01	0.01	0.01	0.01	0.02
HARYANA	NIGERIA	0.00	0.02	0.04	0.00	0.47	0.23	0.16
HARYANA	OMAN	-	-	-	0.00	0.00	0.00	-
HARYANA	PAKISTAN IR	0.01	-	-	0.03	0.06	0.03	0.06
HARYANA	PANAMA REPUBLIC	-	-	-	-	0.00	-	-
HARYANA	PERU	0.00	0.00	0.00	-	-	-	-
HARYANA	PHILIPPINES	0.00	0.01	0.01	0.01	0.00	0.00	0.04
HARYANA	POLAND	0.00	0.00	0.03	0.20	0.42	0.42	0.88
HARYANA	PORTUGAL	-	-	-	-	0.00	-	-
HARYANA	QATAR	-	-	-	0.02	0.00	0.00	-
HARYANA	ROMANIA	0.07	0.01	0.06	0.02	-	-	0.01
HARYANA	RUSSIA	0.00	0.00	0.01	0.28	0.12	0.10	0.50
HARYANA	SAUDI ARAB	-	-	0.02	0.05	0.03	0.02	0.01
HARYANA	SENEGAL	0.01	0.00	0.00	0.00	0.00	0.00	-
HARYANA	SEYCHELLES	-	-	-	-	0.00	0.00	0.00
HARYANA	SINGAPORE	0.04	0.04	0.04	0.02	0.03	0.02	0.10
HARYANA	SLOVAK REP	0.00	-	-	-	-	-	-
HARYANA	SLOVENIA	0.04	0.03	-	-	-	-	-
HARYANA	SOMALIA	-	-	-	0.02	0.01	0.01	0.00
HARYANA	SOUTH AFRICA	0.01	0.07	0.00	-	0.27	0.20	0.10
HARYANA	SPAIN	0.25	0.26	0.21	0.35	0.57	0.57	0.05
HARYANA	SRI LANKA DSR	0.00	0.01	0.00	-	0.04	0.04	0.02
HARYANA	ST LUCIA	-	0.00	-	0.00	0.00	-	-
HARYANA	SUDAN	-	-	-	-	0.00	0.00	-
HARYANA	SURINAME	-	0.01	-	-	-	-	-
HARYANA	SWEDEN	-	-	0.02	-	0.00	0.00	-

HARYANA	SWITZERLAND	0.02	-	0.03	0.01	0.01	0.01	0.00
HARYANA	TAIWAN	0.05	0.05	-	0.04	0.01	0.01	-
HARYANA	TAJIKISTAN	-	0.01	-	0.01	0.03	0.03	0.04
HARYANA	TANZANIA REP	-	-	-	0.01	0.01	0.01	0.01
HARYANA	THAILAND	-	0.00	-	0.00	-	-	0.01
HARYANA	TRINIDAD	-	-	0.01	-	0.00	0.00	0.00
HARYANA	TUNISIA	-	-	0.00	-	-	-	-
HARYANA	TURKEY	0.28	0.07	0.06	0.17	0.06	0.06	0.02
HARYANA	TURKMENISTAN	-	-	-	-	-	-	0.01
HARYANA	U ARAB EMTS	0.02	0.19	0.05	0.09	0.13	0.10	0.13
HARYANA	U K	0.06	0.05	0.04	0.06	0.17	0.13	0.15
HARYANA	U S A	0.59	0.13	0.04	0.96	3.08	2.26	1.15
HARYANA	UGANDA	-	-	0.01	0.01	0.04	0.03	0.03
HARYANA	UKRAINE	-	-	0.09	0.01	0.04	0.01	0.02
HARYANA	UZBEKISTAN	0.05	-	-	0.00	0.10	0.07	0.03
HARYANA	VENEZUELA	-	-	-	-	0.01	0.01	-
HARYANA	VIETNAM SOC REP	0.10	0.39	0.02	0.06	0.07	0.06	0.04
HARYANA	YEMEN REPUBLC	0.01	0.04	0.05	0.05	0.26	0.22	0.27
HARYANA	ZAMBIA	-	-	-	-	0.03	0.03	0.00
HIMACHAL PRADESH	AFGHANISTAN	-	-	0.00	0.01	0.06	0.06	0.13
HIMACHAL PRADESH	ALBANIA	-	-	-	0.00	-	-	-
HIMACHAL PRADESH	ARMENIA	-	-	0.00	-	0.00	0.00	-
HIMACHAL PRADESH	AUSTRALIA	0.00	0.01	0.00	0.00	0.01	0.00	0.01
HIMACHAL PRADESH	AUSTRIA	-	0.00	-	-	-	-	-
HIMACHAL PRADESH	BAHARAIN IS	-	-	-	-	0.00	0.00	0.00
HIMACHAL PRADESH	BANGLADESH PR	0.08	0.07	0.60	0.94	0.04	0.01	0.00
HIMACHAL PRADESH	BENIN	-	-	-	-	0.00	0.00	-
HIMACHAL PRADESH	BHUTAN	0.00	0.00	0.00	-	0.00	-	-
HIMACHAL PRADESH	BRUNEI	0.02	-	-	-	-	-	-
HIMACHAL PRADESH	BULGARIA	-	0.00	0.01	0.00	-	-	-

HIMACHAL PRADESH	BURKINA FASO	-	-	-	-	0.00	0.00	-
HIMACHAL PRADESH	CAMBODIA	0.01	-	-	-	-	-	0.00
HIMACHAL PRADESH	CAMEROON	-	0.00	0.00	-	-	-	-
HIMACHAL PRADESH	CANADA	-	-	-	-	-	-	0.00
HIMACHAL PRADESH	CAYMAN IS	-	-	-	-	-	-	0.00
HIMACHAL PRADESH	CHILE	-	-	-	-	-	-	0.00
HIMACHAL PRADESH	CHINA P RP	-	-	0.01	0.02	-	-	-
HIMACHAL PRADESH	CONGO D. REP.	-	0.13	-	-	0.00	0.00	-
HIMACHAL PRADESH	CONGO P REP	-	-	-	-	0.00	0.00	-
HIMACHAL PRADESH	COTE D' IVOIRE	-	-	-	-	0.00	0.00	0.00
HIMACHAL PRADESH	CZECH REPUBLIC	0.00	-	0.00	-	-	-	-
HIMACHAL PRADESH	DJIBOUTI	-	0.08	0.15	-	0.39	0.39	-
HIMACHAL PRADESH	EGYPT A RP	0.03	0.03	-	-	-	-	0.00
HIMACHAL PRADESH	ETHIOPIA	-	-	-	-	0.00	-	-
HIMACHAL PRADESH	FIJI IS	-	-	-	-	0.00	0.00	-
HIMACHAL PRADESH	FINLAND	-	-	0.00	-	-	-	-
HIMACHAL PRADESH	FRANCE	0.14	0.10	0.04	0.11	0.39	0.37	0.31
HIMACHAL PRADESH	GEORGIA	-	-	0.00	0.00	0.00	0.00	0.00
HIMACHAL PRADESH	GERMANY	-	0.00	0.00	-	0.13	0.07	-
HIMACHAL PRADESH	GHANA	0.00	-	0.03	0.01	0.03	0.02	0.00
HIMACHAL PRADESH	GREECE	-	-	-	-	0.00	0.00	-

HIMACHAL PRADESH	GRENADA	-	-	-	-	0.00	0.00	0.00
HIMACHAL PRADESH	GUINEA	-	0.00	0.00	-	0.00	0.00	-
HIMACHAL PRADESH	GUYANA	-	-	-	-	0.00	0.00	-
HIMACHAL PRADESH	HONG KONG	-	0.00	-	-	0.00	0.00	0.00
HIMACHAL PRADESH	HUNGARY	0.04	0.10	0.05	0.09	0.09	0.09	0.09
HIMACHAL PRADESH	INDONESIA	-	-	-	-	-	-	0.07
HIMACHAL PRADESH	IRAQ	0.08	-	0.01	-	0.04	0.01	-
HIMACHAL PRADESH	ITALY	-	-	-	-	-	-	0.00
HIMACHAL PRADESH	JAPAN	0.02	-	0.03	0.02	0.02	0.02	-
HIMACHAL PRADESH	JORDAN	-	0.03	-	-	-	-	-
HIMACHAL PRADESH	KAZAKHSTAN	0.02	-	-	0.02	-	-	0.00
HIMACHAL PRADESH	KENYA	-	0.03	-	0.00	0.04	0.04	0.06
HIMACHAL PRADESH	KOREA RP	0.10	0.11	0.04	0.07	0.00	0.00	-
HIMACHAL PRADESH	KUWAIT	-	0.10	0.18	0.08	0.09	0.09	0.13
HIMACHAL PRADESH	KYRGHYZSTAN	-	-	-	-	-	-	0.01
HIMACHAL PRADESH	LAO PD RP	-	-	-	-	0.01	0.01	-
HIMACHAL PRADESH	LATVIA	-	0.01	-	-	0.01	0.00	0.00
HIMACHAL PRADESH	LESOTHO	-	0.00	0.00	0.00	0.00	0.00	-
HIMACHAL PRADESH	LIBYA	-	0.13	-	-	-	-	-
HIMACHAL PRADESH	MALAYSIA	0.01	0.01	0.01	0.05	0.01	0.01	0.02
HIMACHAL PRADESH	MALDIVES	-	-	-	-	0.00	0.00	0.00

HIMACHAL PRADESH	MALI	-	-	-	-	0.00	0.00	-
HIMACHAL PRADESH	MALTA	0.00	0.01	0.00	-	-	-	-
HIMACHAL PRADESH	MAURITIUS	-	0.07	0.14	0.23	0.31	0.22	0.39
HIMACHAL PRADESH	MEXICO	-	-	0.01	-	-	-	-
HIMACHAL PRADESH	MOROCCO	-	-	-	-	0.02	-	0.05
HIMACHAL PRADESH	MYANMAR	0.04	0.06	0.13	0.08	0.20	0.15	0.12
HIMACHAL PRADESH	NEPAL	2.40	1.30	1.42	1.21	1.82	1.47	1.05
HIMACHAL PRADESH	NETHERLAND	-	0.01	-	-	-	-	-
HIMACHAL PRADESH	NIGERIA	0.23	0.19	0.23	0.29	0.34	0.34	0.13
HIMACHAL PRADESH	OMAN	-	0.02	0.03	0.03	1.21	0.51	0.24
HIMACHAL PRADESH	PAKISTAN IR	-	0.02	0.03	-	0.02	0.02	0.04
HIMACHAL PRADESH	PHILIPPINES	0.03	-	-	-	0.00	0.00	-
HIMACHAL PRADESH	POLAND	0.07	0.26	0.13	0.23	0.13	0.13	0.18
HIMACHAL PRADESH	QATAR	0.01	-	-	-	0.01	0.01	0.01
HIMACHAL PRADESH	ROMANIA	0.02	0.02	0.01	0.01	0.03	0.03	0.05
HIMACHAL PRADESH	RUSSIA	0.87	-	0.02	0.03	0.04	0.04	0.00
HIMACHAL PRADESH	SAUDI ARAB	-	-	-	-	-	-	0.05
HIMACHAL PRADESH	SERBIA	-	0.00	-	-	-	-	-
HIMACHAL PRADESH	SEYCHELLES	-	-	-	-	0.00	0.00	0.01
HIMACHAL PRADESH	SIERRA LEONE	-	-	0.00	0.00	0.00	-	-
HIMACHAL PRADESH	SINGAPORE	0.00	0.01	0.01	0.00	0.00	0.00	0.00

HIMACHAL PRADESH	SLOVAK REP	-	-	-	0.00	0.00	0.00	-
HIMACHAL PRADESH	SLOVENIA	-	0.00	-	-	-	-	-
HIMACHAL PRADESH	SOMALIA	-	-	0.00	0.01	0.00	0.00	0.01
HIMACHAL PRADESH	SOUTH AFRICA	0.23	0.14	0.19	0.28	0.20	0.15	0.16
HIMACHAL PRADESH	SRI LANKA DSR	0.07	0.06	0.08	0.10	0.08	0.07	0.06
HIMACHAL PRADESH	ST LUCIA	-	-	-	-	0.00	0.00	0.00
HIMACHAL PRADESH	SUDAN	-	-	0.00	-	-	-	-
HIMACHAL PRADESH	SWITZERLAND	-	0.03	0.03	0.02	-	-	-
HIMACHAL PRADESH	SYRIA	0.04	0.06	0.09	-	-	-	0.02
HIMACHAL PRADESH	TAIWAN	0.10	0.10	0.10	0.09	0.07	0.07	0.08
HIMACHAL PRADESH	TAJIKISTAN	-	-	0.01	0.01	0.02	0.02	0.02
HIMACHAL PRADESH	TANZANIA REP	-	0.00	0.01	-	0.03	0.01	-
HIMACHAL PRADESH	THAILAND	-	-	-	-	0.21	0.18	0.22
HIMACHAL PRADESH	TOGO	-	0.00	-	-	0.00	0.00	0.00
HIMACHAL PRADESH	TRINIDAD	-	-	-	-	-	-	0.09
HIMACHAL PRADESH	TURKEY	0.01	-	0.02	-	0.01	0.01	-
HIMACHAL PRADESH	U ARAB EMTS	3.77	5.40	1.19	0.00	3.21	2.48	3.53
HIMACHAL PRADESH	U K	0.00	0.01	0.01	0.01	0.02	0.02	0.00
HIMACHAL PRADESH	U S A	0.60	0.65	0.75	0.53	0.64	0.38	0.44
HIMACHAL PRADESH	UGANDA	0.03	0.04	0.01	0.00	0.15	0.15	-
HIMACHAL PRADESH	UKRAINE	0.02	0.03	0.02	0.05	0.04	0.04	-



HIMACHAL PRADESH	US MINOR OUTLYING ISLANDS	-	-	0.07	-	-	-	-
HIMACHAL PRADESH	UZBEKISTAN	-	-	0.02	-	0.04	0.04	0.09
HIMACHAL PRADESH	VANUATU REP	-	-	-	-	-	-	0.00
HIMACHAL PRADESH	VIETNAM SOC REP	0.39	0.12	0.04	0.00	0.00	0.00	-
HIMACHAL PRADESH	YEMEN REPUBLC	0.07	0.00	0.01	-	-	-	0.02
HIMACHAL PRADESH	ZAMBIA	-	-	-	-	0.00	0.00	-
HIMACHAL PRADESH	ZIMBABWE	-	-	-	-	0.00	0.00	0.00
JAMMU & KASHMIR	AFGHANISTAN	-	-	-	-	-	-	0.00
JAMMU & KASHMIR	CHINA P RP	-	-	-	0.00	-	-	-
JAMMU & KASHMIR	GERMANY	-	-	0.02	0.02	0.03	0.02	-
JAMMU & KASHMIR	GRENADA	-	-	-	-	0.00	0.00	0.00
JAMMU & KASHMIR	GUYANA	-	-	-	-	0.00	0.00	-
JAMMU & KASHMIR	HONG KONG	-	-	0.00	-	-	-	-
JAMMU & KASHMIR	ITALY	0.05	-	-	-	-	-	-
JAMMU & KASHMIR	JAPAN	-	-	-	-	0.45	0.39	0.34
JAMMU & KASHMIR	PAKISTAN IR	0.47	0.66	0.06	-	-	-	-
JAMMU & KASHMIR	SEYCHELLES	-	-	-	-	0.00	0.00	0.00
JAMMU & KASHMIR	SRI LANKA DSR	-	0.01	-	-	-	-	-
JAMMU & KASHMIR	ST LUCIA	-	-	-	-	-	-	0.00
JAMMU & KASHMIR	TAIWAN	-	-	-	0.00	-	-	0.00
JAMMU & KASHMIR	TONGA	-	-	-	-	0.00	0.00	-

JAMMU & KASHMIR	TURKMENISTAN	-	-	-	-	0.01	0.01	0.02
JAMMU & KASHMIR	U ARAB EMTS	-	0.00	-	-	-	-	-
JAMMU & KASHMIR	U K	-	-	-	-	0.05	0.05	0.02
JAMMU & KASHMIR	U S A	-	-	-	-	0.00	0.00	-
JAMMU & KASHMIR	UKRAINE	-	0.03	-	-	-	-	-
JAMMU & KASHMIR	VANUATU REP	-	-	-	-	-	-	0.00
JAMMU & KASHMIR	VIETNAM SOC REP	0.08	0.02	-	-	-	-	-
JHARKHAND	BANGLADESH PR	0.02	0.01	0.14	0.49	0.14	0.11	0.31
JHARKHAND	BELGIUM	0.02	-	-	-	-	-	-
JHARKHAND	CHINA P RP	-	-	-	0.10	-	-	-
JHARKHAND	DOMINIC REP	-	-	-	0.01	-	-	-
JHARKHAND	HONG KONG	-	0.08	-	-	0.00	0.00	-
JHARKHAND	INDONESIA	-	-	-	-	0.05	0.05	-
JHARKHAND	IRAQ	-	-	-	-	-	-	0.00
JHARKHAND	NETHERLAND	-	-	-	0.00	-	-	-
JHARKHAND	NEW ZEALAND	-	-	0.01	0.00	0.00	0.00	-
JHARKHAND	NIGERIA	-	-	-	-	0.00	0.00	-
JHARKHAND	SINGAPORE	-	-	-	-	-	-	0.00
JHARKHAND	TAIWAN	0.00	-	-	-	-	-	-
JHARKHAND	U ARAB EMTS	-	-	-	-	-	-	0.00
JHARKHAND	U K	-	-	-	0.00	0.00	0.00	-
JHARKHAND	U S A	0.10	-	-	-	0.00	0.00	-
KARNATAKA	AFGHANISTAN	0.01	-	-	-	0.01	0.01	-
KARNATAKA	ALBANIA	-	-	0.01	0.00	0.01	0.01	0.01
KARNATAKA	ALGERIA	-	-	-	-	-	-	0.05
KARNATAKA	ANTIGUA	-	-	-	-	0.00	0.00	0.00
KARNATAKA	ARGENTINA	-	-	-	0.01	-	-	-
KARNATAKA	ARMENIA	0.00	0.00	0.01	-	-	-	0.00
KARNATAKA	AUSTRALIA	0.94	0.37	0.10	0.11	0.11	0.09	0.10
KARNATAKA	AUSTRIA	0.02	0.02	0.03	0.04	0.10	0.02	0.05
KARNATAKA	AZERBAIJAN	0.02	0.02	0.02	0.02	0.02	0.02	0.02
KARNATAKA	BAHARAIN IS	0.05	0.05	0.03	0.02	0.03	0.03	0.03
KARNATAKA	BANGLADESH PR	0.09	0.03	0.07	0.09	0.03	0.03	0.06
KARNATAKA	BARBADOS	0.10	0.05	0.08	0.11	0.11	0.08	0.08

KARNATAKA	BELARUS	0.06	0.06	0.09	0.08	0.05	0.04	0.04
KARNATAKA	BELGIUM	0.01	0.02	0.02	0.02	0.70	0.46	0.68
KARNATAKA	BHUTAN	0.00	0.05	0.02	0.01	0.00	0.00	0.00
KARNATAKA	BOSNIA-HRZGOVIN	-	0.00	-	-	0.00	0.00	0.00
KARNATAKA	BRAZIL	-	-	-	-	0.00	0.00	-
KARNATAKA	BULGARIA	0.44	0.38	0.30	0.18	0.01	0.01	0.08
KARNATAKA	BURKINA FASO	-	-	-	-	0.02	0.02	0.02
KARNATAKA	C AFRI REP	-	-	-	-	0.00	0.00	-
KARNATAKA	CAMBODIA	0.06	0.06	0.05	0.04	0.07	0.06	0.06
KARNATAKA	CAMEROON	-	0.00	0.00	0.01	0.03	0.02	0.01
KARNATAKA	CANADA	0.12	0.33	0.07	0.21	0.34	0.23	0.33
KARNATAKA	CAYMAN IS	0.00	0.01	0.01	0.02	0.03	0.03	0.01
KARNATAKA	CHILE	-	-	-	-	0.00	0.00	-
KARNATAKA	CHINA P RP	-	0.00	0.00	0.00	0.01	0.00	0.03
KARNATAKA	COLOMBIA	0.02	0.01	0.02	0.02	0.06	0.06	0.05
KARNATAKA	CONGO D. REP.	-	-	0.00	-	0.11	0.11	0.01
KARNATAKA	CONGO P REP	-	-	0.01	-	0.00	0.00	-
KARNATAKA	COSTA RICA	0.10	0.14	0.15	0.18	0.15	0.14	0.13
KARNATAKA	COTE D' IVOIRE	-	-	-	0.00	0.06	0.06	-
KARNATAKA	CROATIA	0.00	0.01	0.01	0.00	0.00	0.00	-
KARNATAKA	CZECH REPUBLIC	0.02	0.20	0.02	0.06	0.02	0.02	-
KARNATAKA	DENMARK	0.01	0.01	-	-	-	-	-
KARNATAKA	DJIBOUTI	0.00	-	-	-	-	-	-
KARNATAKA	DOMINIC REP	-	-	-	-	-	-	0.00
KARNATAKA	DOMINICA	-	0.00	0.00	-	-	-	-
KARNATAKA	EGYPT A RP	0.37	0.39	0.40	0.28	0.49	0.49	0.17
KARNATAKA	EL SALVADOR	0.00	-	0.00	0.00	0.01	0.01	0.01
KARNATAKA	ERITREA	-	-	-	-	-	-	0.00
KARNATAKA	ETHIOPIA	0.03	-	-	-	-	-	-
KARNATAKA	FAROE IS.	-	0.10	-	-	-	-	-
KARNATAKA	FIJI IS	0.01	0.00	0.01	0.01	0.01	0.01	0.00
KARNATAKA	FINLAND	0.00	-	-	0.00	0.00	0.00	-
KARNATAKA	FRANCE	0.03	0.02	0.03	0.04	0.09	0.06	0.07
KARNATAKA	GEORGIA	0.02	0.01	0.02	0.02	0.00	0.00	0.01
KARNATAKA	GERMANY	0.30	0.23	0.19	0.38	0.25	0.19	0.19
KARNATAKA	GHANA	0.30	0.29	0.30	0.35	0.51	0.51	0.41
KARNATAKA	GREECE	-	0.00	0.01	0.12	0.12	0.12	0.10
KARNATAKA	GRENADA	-	-	-	-	-	-	0.00
KARNATAKA	GUATEMALA	0.05	0.09	0.12	0.17	0.20	0.18	0.16

KARNATAKA	GUYANA	-	-	-	-	-	-	0.00
KARNATAKA	HONDURAS	-	-	-	-	0.01	0.01	0.00
KARNATAKA	HONG KONG	0.02	0.00	0.03	0.13	0.03	0.03	0.02
KARNATAKA	HUNGARY	0.02	0.00	0.01	0.01	0.00	0.00	0.01
KARNATAKA	INDONESIA	0.04	0.05	0.07	0.05	0.03	0.02	0.03
KARNATAKA	IRAN	0.12	0.76	1.16	0.11	1.03	0.40	0.30
KARNATAKA	IRAQ	0.19	0.11	0.16	0.05	0.04	0.04	0.10
KARNATAKA	IRELAND	-	-	0.00	0.03	0.01	0.01	-
KARNATAKA	ISRAEL	0.00	-	-	0.00	0.00	0.00	0.01
KARNATAKA	ITALY	0.01	0.00	0.08	0.01	0.71	0.71	0.00
KARNATAKA	JAPAN	0.06	0.08	0.03	0.03	0.03	0.03	0.01
KARNATAKA	JORDAN	0.00	-	-	-	-	-	-
KARNATAKA	KAZAKHSTAN	0.27	0.03	0.23	0.22	0.21	0.17	0.17
KARNATAKA	KENYA	0.14	0.16	0.17	0.12	0.05	0.05	0.14
KARNATAKA	KOREA RP	0.20	0.25	0.18	0.08	0.05	0.05	0.08
KARNATAKA	KUWAIT	0.30	0.17	0.24	0.35	0.33	0.33	0.32
KARNATAKA	KYRGHYZSTAN	0.02	0.02	0.03	0.04	0.00	0.00	0.01
KARNATAKA	LATVIA	1.29	0.96	1.93	0.63	0.73	0.72	0.19
KARNATAKA	LEBANON	-	0.06	0.12	0.01	0.05	0.05	0.07
KARNATAKA	LIBERIA	0.00	0.02	-	0.02	-	-	-
KARNATAKA	LITHUANIA	0.04	0.00	-	-	-	-	-
KARNATAKA	MACAO	-	0.00	-	-	-	-	-
KARNATAKA	MACEDONIA	-	0.01	-	-	-	-	-
KARNATAKA	MADAGASCAR	-	-	0.01	0.01	0.04	0.03	0.01
KARNATAKA	MALAYSIA	0.45	0.63	0.33	0.36	0.45	0.42	0.60
KARNATAKA	MALDIVES	0.00	0.01	0.02	0.01	0.02	0.02	0.01
KARNATAKA	MALI	-	-	-	-	-	-	0.00
KARNATAKA	MAURITIUS	0.00	0.02	0.01	0.03	0.04	0.04	0.02
KARNATAKA	MEXICO	0.00	-	-	0.00	0.22	0.22	-
KARNATAKA	MOLDOVA	0.01	0.02	0.02	0.01	0.04	0.04	0.02
KARNATAKA	MONGOLIA	0.47	0.74	0.53	0.67	0.89	0.83	0.79
KARNATAKA	MOROCCO	-	0.00	0.00	0.00	0.00	0.00	-
KARNATAKA	MOZAMBIQUE	-	-	0.00	-	-	-	0.01
KARNATAKA	MYANMAR	0.13	0.15	0.18	0.05	0.12	0.06	0.05
KARNATAKA	NEPAL	1.57	2.04	2.71	1.86	1.97	1.78	1.53
KARNATAKA	NETHERLAND	0.21	0.05	0.08	0.15	0.07	0.07	0.04
KARNATAKA	NETHERLANDANTIL	-	-	-	-	-	-	0.00
KARNATAKA	NEW ZEALAND	-	0.00	-	0.00	0.01	0.01	0.01
KARNATAKA	NICARAGUA	0.01	0.05	0.09	0.07	0.08	0.06	0.06

KARNATAKA	NIGERIA	-	0.00	-	0.02	0.12	0.02	-
KARNATAKA	NORWAY	-	-	-	-	0.00	-	-
KARNATAKA	OMAN	0.23	0.37	0.24	0.39	0.23	0.18	0.41
KARNATAKA	PAKISTAN IR	0.75	0.54	0.33	-	0.00	0.00	0.01
KARNATAKA	PANAMA REPUBLIC	-	-	-	-	0.00	0.00	-
KARNATAKA	PAPUA N GNA	-	0.00	0.00	0.00	0.00	0.00	0.00
KARNATAKA	PERU	0.04	0.02	0.02	0.03	0.05	0.04	0.02
KARNATAKA	PHILIPPINES	0.05	0.07	0.10	0.11	0.12	0.12	0.13
KARNATAKA	POLAND	0.24	0.08	0.14	0.05	0.16	0.14	0.15
KARNATAKA	QATAR	0.07	0.08	0.11	0.13	0.15	0.14	0.08
KARNATAKA	REUNION	-	-	-	-	0.00	0.00	-
KARNATAKA	ROMANIA	1.31	1.44	0.82	0.64	0.92	0.92	1.01
KARNATAKA	RUSSIA	1.06	1.00	0.87	1.16	1.33	1.07	1.08
KARNATAKA	RWANDA	-	-	-	-	0.00	0.00	-
KARNATAKA	SAUDI ARAB	0.27	0.29	0.38	0.42	0.99	0.52	0.01
KARNATAKA	SERBIA	0.02	0.02	-	-	0.01	0.01	-
KARNATAKA	SEYCHELLES	-	-	-	-	0.00	0.00	0.00
KARNATAKA	SINGAPORE	0.19	0.14	0.10	0.16	0.27	0.24	0.19
KARNATAKA	SLOVAK REP	0.06	0.01	0.02	0.02	0.01	0.01	0.01
KARNATAKA	SLOVENIA	-	-	0.00	-	0.01	0.01	0.00
KARNATAKA	SOLOMON IS	-	-	-	0.00	0.01	0.01	0.00
KARNATAKA	SOMALIA	0.01	0.00	0.00	-	0.04	0.04	0.01
KARNATAKA	SOUTH AFRICA	1.28	1.29	0.95	1.36	1.22	1.08	0.85
KARNATAKA	SPAIN	-	-	0.00	0.57	0.03	0.02	0.94
KARNATAKA	SRI LANKA DSR	0.15	0.16	0.19	0.18	0.85	0.61	4.11
KARNATAKA	ST KITT N A	-	0.00	-	-	-	-	-
KARNATAKA	ST LUCIA	-	-	-	-	0.00	0.00	0.00
KARNATAKA	SUDAN	-	-	-	-	-	-	0.00
KARNATAKA	SURINAME	-	-	-	0.00	-	-	-
KARNATAKA	SWITZERLAND	0.22	0.45	0.05	0.02	0.26	0.02	0.00
KARNATAKA	SYRIA	0.08	-	-	-	-	-	-
KARNATAKA	TAIWAN	0.06	0.06	0.17	0.06	0.04	0.03	0.06
KARNATAKA	TAJIKISTAN	0.03	0.01	0.00	0.01	0.01	0.01	0.02
KARNATAKA	TANZANIA REP	0.01	0.01	-	0.04	0.02	0.02	0.05
KARNATAKA	THAILAND	0.02	0.01	0.03	0.07	0.15	0.14	0.07
KARNATAKA	TRINIDAD	0.05	0.04	0.07	0.06	0.06	0.06	0.12
KARNATAKA	TURKEY	0.21	0.51	0.33	0.66	0.53	0.39	0.73
KARNATAKA	TURKMENISTAN	0.02	0.03	0.03	0.03	0.01	0.01	0.00
KARNATAKA	U ARAB EMTS	0.76	0.90	1.09	1.42	1.92	1.63	1.72

KARNATAKA	U K	0.18	0.13	0.18	0.14	0.12	0.11	0.15
KARNATAKA	U S A	11.12	10.49	10.77	12.14	11.96	9.05	7.45
KARNATAKA	UGANDA	0.05	0.02	0.06	0.02	0.07	0.05	0.06
KARNATAKA	UKRAINE	0.07	0.11	0.10	0.21	0.40	0.35	0.16
KARNATAKA	UZBEKISTAN	0.13	0.13	0.17	0.24	0.46	0.36	0.25
KARNATAKA	VENEZUELA	-	-	0.00	-	-	-	-
KARNATAKA	VIETNAM SOC REP	0.08	-	0.02	0.00	0.05	0.03	0.06
KARNATAKA	YEMEN REPUBLC	0.55	0.60	1.04	1.43	0.96	0.96	0.56
KARNATAKA	ZAMBIA	0.09	0.02	0.07	0.11	0.12	0.12	0.04
KERALA	AFGHANISTAN	-	-	-	0.01	-	-	-
KERALA	AUSTRALIA	0.25	0.14	0.19	0.28	0.21	0.20	0.07
KERALA	AUSTRIA	0.15	0.05	0.05	0.13	0.08	0.08	0.15
KERALA	AZERBAIJAN	-	-	-	-	-	-	0.00
KERALA	BAHARAIN IS	0.11	0.29	0.28	0.24	0.36	0.26	0.28
KERALA	BANGLADESH PR	0.02	-	-	-	0.00	0.00	-
KERALA	BELARUS	-	0.00	-	-	-	-	-
KERALA	BOSNIA-HRZGOVIN	-	-	0.00	-	-	-	-
KERALA	BOTSWANA	0.01	0.00	0.01	0.02	0.02	0.02	0.04
KERALA	BRAZIL	-	-	0.07	0.04	0.01	0.01	-
KERALA	BULGARIA	0.03	0.01	0.01	0.02	0.01	0.01	0.01
KERALA	CANADA	0.19	0.08	0.08	0.11	0.10	0.10	0.02
KERALA	CHINA P RP	-	0.00	-	0.00	0.02	0.02	0.01
KERALA	COTE D' IVOIRE	-	-	-	0.00	0.00	0.00	0.00
KERALA	CZECH REPUBLIC	0.01	0.00	0.00	0.00	0.00	0.00	0.01
KERALA	DENMARK	-	0.01	-	0.00	0.00	-	0.01
KERALA	ESTONIA	0.00	-	0.01	-	-	-	-
KERALA	FIJI IS	-	0.00	-	-	-	-	-
KERALA	FRANCE	0.22	0.76	0.04	0.04	0.06	0.05	0.03
KERALA	GEORGIA	-	-	0.00	0.00	-	-	0.00
KERALA	GERMANY	0.16	0.10	0.31	0.23	0.43	0.15	0.17
KERALA	GHANA	-	-	-	-	0.00	0.00	-
KERALA	GREECE	0.03	-	-	-	0.02	0.02	0.00
KERALA	HONG KONG	0.02	0.00	0.00	0.01	0.00	0.00	0.00
KERALA	HUNGARY	0.01	0.03	0.04	0.02	0.01	0.00	0.04
KERALA	IRELAND	-	-	-	0.00	0.00	0.00	-
KERALA	ISRAEL	-	-	-	0.00	-	-	-
KERALA	ITALY	0.08	0.09	0.02	0.05	0.07	0.07	0.06
KERALA	JAPAN	0.02	0.04	0.02	0.02	0.01	0.00	0.00
KERALA	JORDAN	-	-	-	-	0.00	0.00	-

KERALA	KAZAKHSTAN	0.00	0.01	0.01	-	0.01	0.01	-
KERALA	KOREA RP	0.01	0.01	-	-	-	-	0.02
KERALA	KUWAIT	0.05	0.04	0.02	0.07	0.08	0.07	0.01
KERALA	LITHUANIA	0.00	0.00	0.00	-	0.00	0.00	0.03
KERALA	MADAGASCAR	-	-	-	-	-	-	0.00
KERALA	MALAYSIA	0.08	0.08	0.08	0.05	0.11	0.11	0.09
KERALA	MALDIVES	0.06	0.04	0.04	0.03	0.04	0.04	0.06
KERALA	MALI	-	0.00	-	-	0.00	0.00	-
KERALA	MALTA	-	0.03	0.03	-	-	-	0.00
KERALA	MAURITIUS	0.02	0.02	0.05	0.00	0.01	0.01	0.04
KERALA	MEXICO	0.11	-	-	0.17	-	-	-
KERALA	MONGOLIA	-	0.01	-	0.00	0.01	0.01	-
KERALA	MYANMAR	-	0.12	0.11	0.15	0.01	-	-
KERALA	NETHERLAND	0.14	0.13	0.17	0.24	0.06	0.05	0.07
KERALA	NEW ZEALAND	0.02	0.00	0.01	0.05	0.11	0.09	0.03
KERALA	NIGERIA	0.01	0.01	0.01	0.00	-	-	-
KERALA	NORWAY	-	-	-	0.00	0.01	0.01	0.00
KERALA	OMAN	0.17	0.04	0.06	0.01	0.04	0.04	0.10
KERALA	PHILIPPINES	0.02	0.02	0.02	0.02	-	-	0.02
KERALA	POLAND	0.00	0.00	0.00	0.00	0.02	0.02	0.02
KERALA	PORTUGAL	-	-	0.00	-	-	-	-
KERALA	QATAR	0.05	0.01	0.00	0.02	0.02	0.00	0.01
KERALA	ROMANIA	0.01	-	-	0.00	-	-	-
KERALA	RUSSIA	0.02	0.13	0.09	0.07	0.11	0.11	0.00
KERALA	RWANDA	0.01	-	-	-	-	-	-
KERALA	SAUDI ARAB	0.05	0.02	0.06	0.03	0.03	0.03	0.04
KERALA	SERBIA	-	-	0.00	-	-	-	-
KERALA	SEYCHELLES	-	0.00	0.00	-	-	-	0.00
KERALA	SINGAPORE	0.03	0.03	0.02	0.04	0.01	0.01	0.03
KERALA	SLOVAK REP	0.01	-	0.03	-	0.03	0.03	0.04
KERALA	SLOVENIA	0.01	0.00	-	0.03	0.04	-	0.02
KERALA	SOUTH AFRICA	0.00	0.00	0.00	0.02	0.01	0.01	-
KERALA	SOUTH SUDAN	-	-	-	-	-	-	0.00
KERALA	SPAIN	-	0.00	0.01	0.02	-	-	0.01
KERALA	SRI LANKA DSR	0.01	0.02	-	0.09	0.10	0.05	0.05
KERALA	SWEDEN	0.00	-	-	-	-	-	-
KERALA	SWITZERLAND	0.02	0.01	0.01	0.03	0.03	0.03	0.02
KERALA	TAIWAN	0.00	0.00	0.00	0.00	-	-	-
KERALA	TANZANIA REP	0.00	-	-	-	-	-	-

KERALA	THAILAND	0.00	0.00	0.01	0.02	-	-	0.03
KERALA	TRINIDAD	-	-	-	-	0.00	0.00	-
KERALA	TUNISIA	-	-	-	-	-	-	0.00
KERALA	TURKEY	-	-	-	-	0.01	0.01	-
KERALA	U ARAB EMTS	1.59	1.72	1.51	2.16	2.78	2.32	1.74
KERALA	U K	0.04	0.03	0.06	0.03	0.04	0.02	0.05
KERALA	U S A	4.31	6.08	2.80	2.75	2.79	2.67	0.45
KERALA	UGANDA	-	-	-	-	-	-	0.02
KERALA	UKRAINE	0.01	0.03	0.01	0.01	0.02	0.02	0.00
KERALA	UZBEKISTAN	-	-	-	-	-	-	0.01
KERALA	VIETNAM SOC REP	0.00	-	-	-	-	-	0.00
KERALA	ZAMBIA	0.01	0.00	-	-	-	-	0.00
MADHYA PRADESH	AFGHANISTAN	-	-	-	0.31	0.04	0.04	0.02
MADHYA PRADESH	ALGERIA	-	-	-	-	-	-	0.02
MADHYA PRADESH	ANGOLA	0.03	0.06	0.03	-	0.06	0.06	0.06
MADHYA PRADESH	ARMENIA	-	-	-	-	0.00	0.00	-
MADHYA PRADESH	AUSTRALIA	0.21	0.19	0.07	0.18	0.19	0.14	0.27
MADHYA PRADESH	AUSTRIA	0.00	-	0.04	0.00	-	-	0.01
MADHYA PRADESH	AZERBAIJAN	0.03	-	0.01	-	-	-	-
MADHYA PRADESH	BAHARAIN IS	0.04	0.00	0.00	0.02	0.01	0.01	0.00
MADHYA PRADESH	BANGLADESH PR	0.01	0.01	0.00	0.03	0.02	0.02	0.15
MADHYA PRADESH	BELARUS	0.27	-	-	-	-	-	-
MADHYA PRADESH	BELGIUM	-	-	-	-	0.17	0.17	0.26
MADHYA PRADESH	BENIN	0.00	-	0.00	0.00	0.00	0.00	0.01
MADHYA PRADESH	BOSNIA-HRZGOVIN	-	0.00	-	-	-	-	-
MADHYA PRADESH	BRAZIL	0.01	0.03	0.02	-	0.10	0.06	0.11
MADHYA PRADESH	BULGARIA	0.00	-	0.02	0.02	-	-	-



MADHYA PRADESH	CAMBODIA	-	-	-	-	0.03	-	0.02
MADHYA PRADESH	CAMEROON	0.00	0.00	-	0.00	0.00	0.00	0.00
MADHYA PRADESH	CANADA	0.02	0.01	0.01	0.11	0.03	0.03	0.02
MADHYA PRADESH	CAYMAN IS	-	-	-	-	-	-	0.00
MADHYA PRADESH	CHINA P RP	-	-	0.04	0.09	0.31	0.14	0.11
MADHYA PRADESH	CONGO D. REP.	0.02	-	-	-	-	-	-
MADHYA PRADESH	COSTA RICA	-	-	-	-	-	-	0.04
MADHYA PRADESH	COTE D' IVOIRE	-	-	-	0.00	-	-	0.00
MADHYA PRADESH	CROATIA	-	-	0.00	0.00	0.00	0.00	0.00
MADHYA PRADESH	CYPRUS	-	-	-	0.00	-	-	-
MADHYA PRADESH	CZECH REPUBLIC	0.05	0.02	0.00	0.00	0.00	0.00	-
MADHYA PRADESH	DENMARK	0.01	0.16	0.06	-	-	-	-
MADHYA PRADESH	ECUADOR	-	-	-	-	0.02	0.02	-
MADHYA PRADESH	EGYPT A RP	0.01	0.04	0.03	0.00	0.03	0.03	0.05
MADHYA PRADESH	EQUATL GUINEA	-	-	-	0.00	-	-	-
MADHYA PRADESH	FIJI IS	-	0.01	0.00	-	-	-	-
MADHYA PRADESH	FRANCE	0.08	0.01	0.15	0.01	0.03	0.01	0.80
MADHYA PRADESH	GAMBIA	-	-	0.00	-	0.00	0.00	0.00
MADHYA PRADESH	GERMANY	0.02	0.01	0.04	0.06	0.44	0.44	1.42
MADHYA PRADESH	GHANA	0.01	-	-	0.00	0.02	0.02	0.01
MADHYA PRADESH	GREECE	-	0.00	0.00	-	0.00	0.00	-

MADHYA PRADESH	GRENADA	-	-	-	-	-	-	0.00
MADHYA PRADESH	GUINEA	0.01	0.00	-	0.00	0.00	0.00	0.00
MADHYA PRADESH	GUYANA	-	-	-	-	-	-	0.00
MADHYA PRADESH	HONDURAS	-	-	0.02	-	-	-	0.01
MADHYA PRADESH	HONG KONG	0.00	0.00	0.00	0.01	0.00	0.00	0.01
MADHYA PRADESH	HUNGARY	0.03	-	-	-	0.00	0.00	-
MADHYA PRADESH	INDONESIA	-	-	0.01	-	0.03	0.03	0.00
MADHYA PRADESH	IRAN	0.07	-	0.04	-	0.00	0.00	0.06
MADHYA PRADESH	IRAQ	-	-	-	-	0.03	0.02	0.02
MADHYA PRADESH	IRELAND	-	-	-	0.00	0.10	0.10	0.12
MADHYA PRADESH	ISRAEL	-	-	0.01	0.02	0.04	0.04	0.01
MADHYA PRADESH	ITALY	0.00	0.00	0.00	0.01	0.00	0.00	0.00
MADHYA PRADESH	JAPAN	-	-	0.00	0.01	-	-	-
MADHYA PRADESH	JORDAN	-	-	0.00	-	0.05	0.05	0.00
MADHYA PRADESH	KAZAKHSTAN	0.36	0.13	0.05	0.07	0.05	0.05	0.11
MADHYA PRADESH	KOREA DP RP	0.00	-	-	-	-	-	-
MADHYA PRADESH	KOREA RP	-	0.01	0.00	-	0.01	0.01	-
MADHYA PRADESH	KUWAIT	0.02	-	0.01	-	0.02	0.02	0.02
MADHYA PRADESH	KYRGHYZSTAN	0.18	-	-	-	-	-	-
MADHYA PRADESH	LATVIA	0.01	-	-	-	-	-	-
MADHYA PRADESH	LEBANON	0.00	-	0.00	-	0.00	0.00	-

MADHYA PRADESH	LIBERIA	0.03	0.02	0.07	0.00	0.02	0.02	0.05
MADHYA PRADESH	LIBYA	-	-	-	-	0.01	0.01	0.00
MADHYA PRADESH	LITHUANIA	-	0.16	0.00	0.06	0.04	0.04	0.17
MADHYA PRADESH	LUXEMBOURG	-	-	-	0.00	-	-	-
MADHYA PRADESH	MACEDONIA	-	-	-	-	0.00	0.00	-
MADHYA PRADESH	MALAWI	-	0.00	-	-	-	-	-
MADHYA PRADESH	MALAYSIA	0.32	-	0.02	0.09	0.51	0.42	0.22
MADHYA PRADESH	MALDIVES	-	-	-	0.01	-	-	-
MADHYA PRADESH	MALI	-	-	-	-	-	-	0.00
MADHYA PRADESH	MAURITIUS	-	0.01	0.02	0.00	0.02	0.02	0.01
MADHYA PRADESH	MEXICO	-	-	-	-	-	-	0.00
MADHYA PRADESH	MOLDOVA	0.05	-	0.00	0.00	0.01	0.01	-
MADHYA PRADESH	MOROCCO	-	-	-	0.05	0.15	0.08	0.27
MADHYA PRADESH	MYANMAR	0.01	0.02	0.01	0.03	-	-	-
MADHYA PRADESH	NEPAL	0.04	0.07	0.15	0.11	0.07	0.07	0.18
MADHYA PRADESH	NETHERLAND	-	0.00	0.00	0.09	0.20	0.20	0.22
MADHYA PRADESH	NETHERLANDANTIL	-	0.00	-	-	-	-	-
MADHYA PRADESH	NEW ZEALAND	0.00	0.01	0.00	0.01	0.01	0.01	0.00
MADHYA PRADESH	NIGERIA	0.07	0.03	-	0.00	0.03	0.03	-
MADHYA PRADESH	OMAN	0.07	-	-	-	0.01	0.01	0.01
MADHYA PRADESH	PAKISTAN IR	0.05	0.26	0.01	-	0.01	0.01	0.15

MADHYA PRADESH	PHILIPPINES	-	0.00	-	0.00	-	-	0.00
MADHYA PRADESH	POLAND	-	0.01	0.01	0.01	0.16	0.16	0.12
MADHYA PRADESH	PORTUGAL	-	-	-	0.00	-	-	0.00
MADHYA PRADESH	QATAR	0.01	0.00	0.01	0.01	0.02	0.01	0.01
MADHYA PRADESH	ROMANIA	0.81	0.82	0.02	0.07	0.21	0.19	0.03
MADHYA PRADESH	RUSSIA	3.09	1.28	0.31	0.92	0.98	0.84	3.08
MADHYA PRADESH	SAUDI ARAB	0.06	0.02	0.02	0.08	0.22	0.15	0.26
MADHYA PRADESH	SENEGAL	-	-	0.02	0.00	0.00	0.00	0.00
MADHYA PRADESH	SEYCHELLES	-	-	0.00	0.00	0.00	0.00	0.00
MADHYA PRADESH	SIERRA LEONE	-	-	-	0.00	-	-	-
MADHYA PRADESH	SINGAPORE	-	-	0.00	0.01	0.00	0.00	0.00
MADHYA PRADESH	SLOVAK REP	-	-	-	-	-	-	0.00
MADHYA PRADESH	SLOVENIA	0.04	0.02	0.01	-	-	-	-
MADHYA PRADESH	SOMALIA	-	-	-	-	0.01	0.00	0.02
MADHYA PRADESH	SOUTH AFRICA	0.02	0.00	-	0.00	-	-	0.01
MADHYA PRADESH	SPAIN	-	-	0.01	0.01	0.06	0.06	0.00
MADHYA PRADESH	SRI LANKA DSR	0.09	0.16	0.00	0.16	0.02	0.02	0.01
MADHYA PRADESH	SUDAN	-	-	0.01	-	0.03	0.03	0.07
MADHYA PRADESH	SWAZILAND	-	-	-	-	-	-	0.00
MADHYA PRADESH	SWEDEN	-	-	-	-	0.00	-	-
MADHYA PRADESH	SWITZERLAND	-	-	-	0.01	-	-	0.02

MADHYA PRADESH	TAIWAN	0.00	0.00	0.00	-	-	-	-
MADHYA PRADESH	TAJIKISTAN	0.22	-	0.00	0.19	0.01	0.01	0.01
MADHYA PRADESH	TANZANIA REP	-	-	-	-	-	-	0.00
MADHYA PRADESH	THAILAND	0.06	0.00	0.01	0.00	0.13	0.10	0.02
MADHYA PRADESH	TOGO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MADHYA PRADESH	TRINIDAD	-	0.01	-	-	-	-	-
MADHYA PRADESH	TUNISIA	0.03	0.02	-	-	0.05	0.05	0.01
MADHYA PRADESH	TURKEY	0.01	-	0.04	-	0.07	0.00	0.01
MADHYA PRADESH	TURKMENISTAN	0.05	-	-	-	0.02	0.02	0.02
MADHYA PRADESH	U ARAB EMTS	0.27	0.04	0.05	0.15	0.74	0.70	1.36
MADHYA PRADESH	U K	0.06	0.18	0.19	0.23	0.25	0.23	0.10
MADHYA PRADESH	U S A	0.41	1.14	0.91	1.35	1.11	0.98	1.25
MADHYA PRADESH	UGANDA	-	-	-	-	-	-	0.00
MADHYA PRADESH	UKRAINE	-	-	0.03	-	0.05	0.05	0.03
MADHYA PRADESH	UZBEKISTAN	0.06	0.00	-	-	-	-	-
MADHYA PRADESH	VANUATU REP	-	-	-	-	-	-	0.00
MADHYA PRADESH	VIETNAM SOC REP	0.03	0.38	0.71	0.05	0.30	0.30	0.42
MADHYA PRADESH	YEMEN REPUBLC	-	-	0.02	-	-	-	0.01
MADHYA PRADESH	ZAMBIA	-	-	0.01	-	-	-	-
MAHARASHTRA	AFGHANISTAN	0.13	0.34	0.45	0.44	0.11	0.05	0.00
MAHARASHTRA	ALBANIA	-	0.01	-	-	-	-	-
MAHARASHTRA	ALGERIA	0.39	0.75	0.78	1.50	0.53	0.53	0.56
MAHARASHTRA	ANGOLA	0.38	0.30	0.31	0.22	0.55	0.36	0.72
MAHARASHTRA	ANGUILLA	-	0.00	0.00	-	-	-	-

MAHARASHTRA	ANTIGUA	0.01	0.01	0.02	0.02	0.03	0.02	0.02
MAHARASHTRA	ARGENTINA	0.17	0.07	0.14	0.34	0.10	0.10	0.10
MAHARASHTRA	ARMENIA	0.00	0.03	0.01	0.02	0.01	0.01	-
MAHARASHTRA	AUSTRALIA	1.50	2.42	0.36	0.54	0.45	0.39	0.43
MAHARASHTRA	AUSTRIA	0.02	0.02	0.17	0.04	0.01	0.01	0.00
MAHARASHTRA	AZERBAIJAN	0.02	0.07	0.11	0.12	-	-	-
MAHARASHTRA	BAHAMAS	-	0.00	-	-	-	-	-
MAHARASHTRA	BAHARAIN IS	0.13	0.05	0.10	0.16	0.08	0.06	0.10
MAHARASHTRA	BANGLADESH PR	0.20	0.36	0.19	0.11	0.13	0.12	0.09
MAHARASHTRA	BARBADOS	0.02	0.03	0.03	0.02	0.05	0.05	0.02
MAHARASHTRA	BELARUS	0.04	0.07	0.07	0.04	-	-	-
MAHARASHTRA	BELGIUM	0.00	0.20	0.13	0.11	0.01	0.01	0.05
MAHARASHTRA	BELIZE	-	-	-	-	0.02	0.02	0.02
MAHARASHTRA	BENIN	0.05	0.13	0.04	0.07	0.06	0.05	0.11
MAHARASHTRA	BHUTAN	0.00	0.00	0.01	0.01	0.01	0.00	0.01
MAHARASHTRA	BOLIVIA	0.01	0.01	0.02	0.01	0.01	0.01	0.01
MAHARASHTRA	BOSNIA-HRZGOVIN	0.00	-	-	-	-	-	-
MAHARASHTRA	BOTSWANA	0.00	0.01	0.01	-	-	-	-
MAHARASHTRA	BR VIRGN IS	-	-	-	-	0.00	0.00	0.00
MAHARASHTRA	BRAZIL	0.53	0.55	0.37	0.63	0.13	0.07	0.10
MAHARASHTRA	BRUNEI	0.00	0.01	0.03	0.03	0.02	0.02	0.00
MAHARASHTRA	BULGARIA	0.09	0.15	0.15	0.07	0.05	0.05	0.05
MAHARASHTRA	BURKINA FASO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MAHARASHTRA	BURUNDI	0.02	0.01	0.00	0.01	0.01	0.01	0.00
MAHARASHTRA	C AFRI REP	-	0.00	0.00	0.01	0.01	0.01	0.01
MAHARASHTRA	CAMBODIA	0.06	0.13	0.10	0.10	0.09	0.07	0.15
MAHARASHTRA	CAMEROON	0.01	0.01	0.01	0.01	0.02	0.02	0.03
MAHARASHTRA	CANADA	1.02	1.38	1.19	1.52	1.53	1.25	1.07
MAHARASHTRA	CAYMAN IS	0.00	0.00	0.00	0.00	0.01	0.01	0.00
MAHARASHTRA	CHAD	-	-	0.00	0.07	0.01	0.01	0.01
MAHARASHTRA	CHILE	0.09	0.33	0.31	0.08	0.00	-	0.07
MAHARASHTRA	CHINA P RP	0.23	0.74	2.21	5.77	3.27	2.73	5.26
MAHARASHTRA	COLOMBIA	0.18	0.12	0.07	0.16	0.10	0.07	0.12
MAHARASHTRA	COMOROS	-	0.00	0.00	-	-	-	-
MAHARASHTRA	CONGO D. REP.	0.24	0.51	0.65	0.84	0.73	0.53	0.84
MAHARASHTRA	CONGO P REP	0.02	0.00	0.05	0.02	0.00	0.00	-
MAHARASHTRA	COSTA RICA	0.28	0.51	0.12	0.35	0.02	0.02	0.00
MAHARASHTRA	COTE D' IVOIRE	0.02	0.19	0.02	0.02	0.01	0.01	0.01
MAHARASHTRA	CROATIA	0.01	0.01	0.01	0.01	0.02	0.00	0.01

MAHARASHTRA	CUBA	-	-	-	-	0.01	0.01	-
MAHARASHTRA	CYPRUS	-	0.00	0.00	0.00	0.00	0.00	0.00
MAHARASHTRA	CZECH REPUBLIC	0.21	0.18	0.10	0.11	0.03	0.02	0.01
MAHARASHTRA	DENMARK	0.00	0.00	-	0.00	0.01	-	0.00
MAHARASHTRA	DJIBOUTI	-	-	-	-	0.02	0.02	0.00
MAHARASHTRA	DOMINIC REP	0.01	-	0.01	0.01	0.02	0.02	0.00
MAHARASHTRA	DOMINICA	0.00	0.01	0.02	0.02	0.00	0.00	0.00
MAHARASHTRA	ECUADOR	-	0.00	0.01	0.01	0.01	0.00	0.00
MAHARASHTRA	EGYPT A RP	0.53	0.89	0.73	0.24	0.87	0.83	0.14
MAHARASHTRA	EL SALVADOR	0.00	0.00	0.00	0.00	0.00	0.00	-
MAHARASHTRA	EQU TL GUINEA	-	0.00	-	0.00	0.00	0.00	0.00
MAHARASHTRA	ETHIOPIA	-	0.00	-	0.04	0.05	0.04	0.04
MAHARASHTRA	FIJI IS	0.22	0.28	0.18	0.20	0.26	0.22	0.29
MAHARASHTRA	FINLAND	0.02	0.00	0.00	-	0.04	0.04	0.09
MAHARASHTRA	FRANCE	2.14	1.90	2.66	4.78	7.69	6.32	5.64
MAHARASHTRA	GABON	-	-	-	0.00	0.00	0.00	-
MAHARASHTRA	GAMBIA	0.00	0.00	0.04	0.01	0.02	0.01	0.01
MAHARASHTRA	GEORGIA	0.06	0.03	0.06	0.08	0.07	0.07	0.09
MAHARASHTRA	GERMANY	1.13	1.26	1.45	1.47	1.26	1.12	0.78
MAHARASHTRA	GHANA	1.03	1.08	1.04	1.29	0.46	0.37	0.63
MAHARASHTRA	GREECE	0.05	0.04	0.05	0.10	0.00	0.00	0.00
MAHARASHTRA	GRENADA	0.03	0.03	0.03	0.02	0.06	0.05	0.01
MAHARASHTRA	GUADELOUPE	0.00	0.00	-	0.00	0.00	0.00	0.00
MAHARASHTRA	GUATEMALA	0.01	0.01	0.08	0.02	0.00	-	0.06
MAHARASHTRA	GUINEA	0.10	0.04	0.03	0.08	0.03	0.03	0.02
MAHARASHTRA	GUINEA BISSAU	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MAHARASHTRA	GUYANA	0.10	0.05	0.06	0.10	0.14	0.06	0.08
MAHARASHTRA	HONDURAS	0.01	0.02	0.01	0.04	0.02	0.02	0.00
MAHARASHTRA	HONG KONG	0.19	0.17	0.21	0.25	0.13	0.11	0.17
MAHARASHTRA	HUNGARY	-	0.00	0.00	0.00	0.00	0.00	0.01
MAHARASHTRA	INDONESIA	1.24	1.35	0.99	0.59	0.63	0.61	0.56
MAHARASHTRA	IRAN	1.19	0.65	0.67	0.44	0.76	0.68	0.56
MAHARASHTRA	IRAQ	0.69	0.73	0.45	0.97	1.11	0.91	0.38
MAHARASHTRA	IRELAND	-	-	-	-	0.00	-	0.00
MAHARASHTRA	ISRAEL	0.12	0.10	0.12	0.06	0.12	0.06	0.04
MAHARASHTRA	ITALY	0.20	0.20	0.06	0.22	0.34	0.34	0.11
MAHARASHTRA	JAMAICA	0.00	0.00	0.00	0.01	0.03	0.01	0.00
MAHARASHTRA	JAPAN	0.16	0.09	0.34	0.50	0.12	0.11	0.11
MAHARASHTRA	JORDAN	0.19	0.06	0.08	0.13	0.10	0.09	0.10

MAHARASHTRA	KAZAKHSTAN	0.08	0.24	0.16	0.21	0.07	0.07	0.06
MAHARASHTRA	KENYA	2.58	2.29	2.45	3.51	3.78	3.34	1.66
MAHARASHTRA	KIRIBATI REP	-	-	-	-	0.00	0.00	0.00
MAHARASHTRA	KOREA RP	0.40	0.38	0.22	0.23	0.34	0.30	0.15
MAHARASHTRA	KUWAIT	0.37	0.42	0.47	0.50	0.51	0.40	0.31
MAHARASHTRA	KYRGHYZSTAN	0.01	0.03	0.04	0.05	0.02	0.02	0.03
MAHARASHTRA	LAO PD RP	0.01	-	-	-	-	-	-
MAHARASHTRA	LATVIA	1.08	0.60	0.55	0.91	0.21	0.21	0.07
MAHARASHTRA	LEBANON	0.09	0.09	0.06	0.11	0.03	0.02	0.02
MAHARASHTRA	LESOTHO	0.01	0.01	0.01	0.00	0.01	0.01	0.00
MAHARASHTRA	LIBERIA	0.04	0.06	0.03	0.07	0.15	0.08	0.10
MAHARASHTRA	LIBYA	0.00	0.00	0.02	0.02	0.00	0.00	0.00
MAHARASHTRA	LITHUANIA	0.01	0.02	0.05	-	0.01	0.01	-
MAHARASHTRA	MADAGASCAR	0.04	0.02	0.08	0.01	0.11	0.07	0.06
MAHARASHTRA	MALAWI	0.05	0.08	0.12	0.10	0.07	0.07	0.06
MAHARASHTRA	MALAYSIA	1.05	0.89	0.70	0.67	0.64	0.52	0.44
MAHARASHTRA	MALDIVES	0.04	0.07	0.09	0.02	0.03	0.01	0.02
MAHARASHTRA	MALI	0.00	0.02	0.04	0.06	0.01	0.01	0.01
MAHARASHTRA	MALTA	-	0.00	-	-	-	-	-
MAHARASHTRA	MARSHALL ISLAND	-	0.00	-	-	-	-	-
MAHARASHTRA	MARTINIQUE	0.01	0.01	0.01	0.01	0.02	0.02	0.00
MAHARASHTRA	MAURITANIA	0.01	0.04	0.01	0.00	0.01	0.01	0.01
MAHARASHTRA	MAURITIUS	1.14	0.80	0.39	0.50	0.42	0.41	0.17
MAHARASHTRA	MAYOTTE	-	-	-	-	-	-	0.00
MAHARASHTRA	MEXICO	0.56	0.30	0.33	0.69	0.13	0.08	0.05
MAHARASHTRA	MICRONESIA	0.00	0.00	0.01	-	-	-	0.00
MAHARASHTRA	MOLDOVA	0.10	0.03	0.04	0.04	0.04	0.04	-
MAHARASHTRA	MONGOLIA	0.00	0.01	0.00	0.00	0.00	0.00	0.01
MAHARASHTRA	MONTSERRAT	-	0.00	0.00	0.00	-	-	-
MAHARASHTRA	MOROCCO	0.44	0.25	0.36	0.35	0.60	0.55	0.43
MAHARASHTRA	MOZAMBIQUE	0.00	0.01	0.04	0.03	0.03	0.03	0.01
MAHARASHTRA	MYANMAR	0.11	0.25	0.17	0.08	0.10	0.09	0.05
MAHARASHTRA	NAMIBIA	0.01	0.02	-	-	-	-	-
MAHARASHTRA	NEPAL	0.63	0.38	0.73	0.36	0.78	0.72	0.41
MAHARASHTRA	NETHERLAND	0.97	0.83	1.34	1.26	1.23	1.00	1.95
MAHARASHTRA	NETHERLANDANTIL	0.09	0.09	0.07	0.07	0.09	0.06	0.09
MAHARASHTRA	NEW ZEALAND	0.15	0.17	0.24	0.26	0.33	0.27	0.17
MAHARASHTRA	NICARAGUA	-	0.03	0.02	0.01	-	-	-
MAHARASHTRA	NIGER	0.00	-	0.00	-	0.00	0.00	0.00



MAHARASHTRA	NIGERIA	0.76	1.25	1.28	1.71	1.42	1.13	2.81
MAHARASHTRA	NORWAY	0.00	0.00	0.00	0.01	0.02	0.02	0.00
MAHARASHTRA	OMAN	0.24	0.33	0.34	0.43	0.29	0.29	0.21
MAHARASHTRA	PAKISTAN IR	0.08	0.14	0.06	-	0.07	0.05	0.17
MAHARASHTRA	PALAU	0.00	-	-	-	-	-	-
MAHARASHTRA	PANAMA REPUBLIC	0.19	0.08	0.06	0.08	0.24	0.22	0.28
MAHARASHTRA	PAPUA N GNA	0.07	0.12	0.07	0.03	0.04	0.04	0.12
MAHARASHTRA	PARAGUAY	-	0.00	0.00	-	0.00	0.00	0.00
MAHARASHTRA	PERU	-	-	-	0.00	-	-	0.00
MAHARASHTRA	PHILIPPINES	0.09	0.21	0.49	0.25	0.25	0.21	0.22
MAHARASHTRA	POLAND	0.09	0.09	0.10	0.20	0.05	0.05	0.03
MAHARASHTRA	PORTUGAL	0.01	0.02	0.02	0.01	0.04	0.03	0.00
MAHARASHTRA	QATAR	0.35	0.73	0.56	0.58	0.70	0.61	0.47
MAHARASHTRA	REUNION	0.01	0.01	0.01	0.02	0.03	0.02	0.01
MAHARASHTRA	ROMANIA	0.29	0.23	1.28	1.58	1.05	0.90	0.44
MAHARASHTRA	RUSSIA	1.59	1.28	0.80	1.25	0.76	0.68	0.91
MAHARASHTRA	RWANDA	-	0.00	0.04	0.00	0.01	0.01	0.02
MAHARASHTRA	SAUDI ARAB	1.36	0.66	0.91	0.84	0.37	0.25	0.20
MAHARASHTRA	SENEGAL	0.00	0.00	0.01	0.18	0.11	0.11	0.11
MAHARASHTRA	SERBIA	0.01	0.02	-	-	0.01	0.01	-
MAHARASHTRA	SEYCHELLES	0.01	0.01	0.01	0.03	0.01	0.01	0.04
MAHARASHTRA	SIERRA LEONE	0.03	0.03	0.04	0.04	0.07	0.04	0.17
MAHARASHTRA	SINGAPORE	0.62	0.72	0.53	0.45	0.40	0.36	0.45
MAHARASHTRA	SLOVAK REP	-	0.01	0.01	0.02	-	-	0.01
MAHARASHTRA	SLOVENIA	-	-	0.04	0.02	0.05	0.05	0.01
MAHARASHTRA	SOLOMON IS	-	-	-	-	0.00	0.00	-
MAHARASHTRA	SOMALIA	0.05	0.08	0.06	0.06	0.12	0.09	0.23
MAHARASHTRA	SOUTH AFRICA	1.17	1.26	1.06	0.84	0.60	0.48	1.82
MAHARASHTRA	SOUTH SUDAN	-	-	-	0.00	0.00	0.00	-
MAHARASHTRA	SPAIN	0.35	0.32	0.02	0.06	0.13	0.13	0.12
MAHARASHTRA	SRI LANKA DSR	0.56	0.37	0.57	0.28	0.33	0.29	0.15
MAHARASHTRA	ST KITT N A	0.00	0.01	0.00	0.00	0.00	0.00	0.00
MAHARASHTRA	ST LUCIA	0.03	0.03	0.03	0.03	0.05	0.04	0.04
MAHARASHTRA	ST VINCENT	0.02	0.03	0.03	0.03	0.05	0.03	0.02
MAHARASHTRA	SUDAN	0.12	0.03	0.09	0.19	0.27	0.16	0.15
MAHARASHTRA	SURINAME	0.01	0.02	0.03	0.01	0.01	0.01	0.01
MAHARASHTRA	SWAZILAND	0.00	0.03	0.01	0.00	0.00	0.00	-
MAHARASHTRA	SWEDEN	0.11	0.21	0.18	0.37	0.00	0.00	-
MAHARASHTRA	SWITZERLAND	0.04	0.16	0.08	0.05	0.04	0.03	0.01

MAHARASHTRA	SYRIA	0.07	0.02	0.04	-	0.13	0.13	0.07
MAHARASHTRA	TAIWAN	0.04	0.12	0.17	0.12	0.03	0.01	0.08
MAHARASHTRA	TAJIKISTAN	0.18	0.16	0.10	0.28	0.24	0.24	0.06
MAHARASHTRA	TANZANIA REP	0.34	0.29	0.29	0.41	0.32	0.25	0.43
MAHARASHTRA	THAILAND	0.69	0.45	0.69	0.31	0.67	0.62	0.38
MAHARASHTRA	TIMOR-LESTE	-	-	-	-	0.00	-	0.00
MAHARASHTRA	TOGO	0.01	0.00	0.01	0.00	0.03	0.03	0.00
MAHARASHTRA	TONGA	-	0.00	0.00	-	0.00	0.00	-
MAHARASHTRA	TRINIDAD	0.14	0.25	0.02	0.17	0.15	0.04	0.03
MAHARASHTRA	TUNISIA	0.05	0.16	0.02	0.08	0.03	0.03	0.06
MAHARASHTRA	TURKEY	0.77	0.65	0.92	0.35	0.47	0.40	0.32
MAHARASHTRA	TURKMENISTAN	0.67	0.33	0.53	0.46	0.58	0.54	0.39
MAHARASHTRA	U ARAB EMTS	4.15	4.39	4.67	4.62	6.22	4.98	4.12
MAHARASHTRA	U K	1.66	1.88	1.21	1.29	0.96	0.86	0.78
MAHARASHTRA	U S A	4.70	5.74	7.21	11.47	6.63	5.05	5.06
MAHARASHTRA	UGANDA	0.97	1.35	1.23	1.17	0.97	0.73	0.45
MAHARASHTRA	UKRAINE	0.36	0.31	1.95	0.63	0.59	0.57	0.24
MAHARASHTRA	URUGUAY	0.02	0.02	0.01	-	0.00	0.00	0.01
MAHARASHTRA	UZBEKISTAN	0.53	0.63	0.32	1.07	1.34	1.32	0.10
MAHARASHTRA	VANUATU REP	-	0.00	-	-	0.00	-	0.00
MAHARASHTRA	VENEZUELA	-	-	0.00	0.00	0.01	0.01	0.02
MAHARASHTRA	VIETNAM SOC REP	4.05	8.54	7.65	3.46	1.94	1.94	0.22
MAHARASHTRA	YEMEN REPUBLC	0.53	0.43	0.23	0.68	0.14	0.10	0.37
MAHARASHTRA	ZAMBIA	0.20	0.18	0.20	0.22	0.50	0.44	0.54
MAHARASHTRA	ZIMBABWE	0.00	0.00	0.01	0.00	0.00	0.00	0.01
ODISHA	BANGLADESH PR	0.01	0.03	-	0.01	0.01	0.01	0.01
ODISHA	EQU TL GUINEA	-	-	-	-	-	-	0.00
ODISHA	GERMANY	-	0.00	-	-	0.00	-	0.00
ODISHA	LATVIA	-	-	-	-	0.00	0.00	-
ODISHA	MALAYSIA	-	-	-	-	0.00	0.00	-
ODISHA	SINGAPORE	-	-	-	-	0.00	0.00	-
ODISHA	SOMALIA	-	-	-	-	-	-	0.00
ODISHA	SRI LANKA DSR	-	-	-	-	0.01	0.01	-
ODISHA	U ARAB EMTS	-	-	-	0.00	0.00	-	-
ODISHA	U S A	-	-	0.02	0.03	0.02	0.02	0.09
PONDICHERY	AUSTRALIA	0.00	0.00	-	-	-	-	-
PONDICHERY	AUSTRIA	-	-	-	0.00	-	-	-
PONDICHERY	BELGIUM	-	0.00	0.00	0.00	-	-	-
PONDICHERY	BENIN	-	0.00	-	-	-	-	-

PONDICHERRY	BURKINA FASO	0.00	-	-	-	-	-	-
PONDICHERRY	COTE D' IVOIRE	-	0.00	-	-	-	-	-
PONDICHERRY	CZECH REPUBLIC	-	-	-	0.00	-	-	-
PONDICHERRY	FRANCE	0.02	0.03	0.01	0.00	-	-	-
PONDICHERRY	GHANA	-	-	0.00	0.01	-	-	-
PONDICHERRY	GUINEA	0.00	-	-	-	-	-	-
PONDICHERRY	HONDURAS	-	-	-	0.02	-	-	-
PONDICHERRY	MALAYSIA	-	0.02	0.01	-	-	-	-
PONDICHERRY	NETHERLAND	0.00	0.00	0.00	-	-	-	-
PONDICHERRY	PHILIPPINES	0.70	0.85	0.95	0.25	-	-	-
PONDICHERRY	REUNION	0.00	-	0.00	-	-	-	-
PONDICHERRY	SENEGAL	0.00	-	-	-	-	-	-
PONDICHERRY	SINGAPORE	0.01	-	-	0.00	-	-	-
PONDICHERRY	SOUTH AFRICA	-	-	-	0.04	-	-	-
PONDICHERRY	SRI LANKA DSR	-	-	-	0.01	-	-	-
PONDICHERRY	TAIWAN	0.00	-	-	-	-	-	-
PONDICHERRY	U ARAB EMTS	-	0.03	-	-	-	-	-
PONDICHERRY	U S A	0.00	0.00	-	-	-	-	-
PUDUCHERRY	AUSTRALIA	-	-	-	-	0.01	0.01	-
PUDUCHERRY	BELGIUM	-	-	-	-	0.00	-	0.00
PUDUCHERRY	BURKINA FASO	-	-	-	-	-	-	0.00
PUDUCHERRY	COTE D' IVOIRE	-	-	-	-	-	-	0.00
PUDUCHERRY	FRANCE	-	-	-	-	0.01	0.01	0.01
PUDUCHERRY	GHANA	-	-	-	-	0.02	0.02	0.00
PUDUCHERRY	HONDURAS	-	-	-	-	0.02	0.02	0.03
PUDUCHERRY	INDONESIA	-	-	-	-	0.00	0.00	-
PUDUCHERRY	MAURITIUS	-	-	-	-	0.00	0.00	0.00
PUDUCHERRY	NETHERLAND	-	-	-	-	0.00	0.00	-
PUDUCHERRY	NEW CALEDONIA	-	-	-	-	0.00	-	0.00
PUDUCHERRY	PHILIPPINES	-	-	-	-	0.69	0.59	0.87
PUDUCHERRY	SINGAPORE	-	-	-	-	0.00	0.00	0.00
PUDUCHERRY	SOMALIA	-	-	-	-	0.00	0.00	0.00
PUDUCHERRY	SOUTH AFRICA	-	-	-	-	0.08	0.08	0.00
PUDUCHERRY	SRI LANKA DSR	-	-	-	-	0.00	0.00	0.03
PUDUCHERRY	SWITZERLAND	-	-	-	-	0.00	0.00	-
PUDUCHERRY	U ARAB EMTS	-	-	-	-	-	-	0.00
PUDUCHERRY	U K	-	-	-	-	-	-	0.00
PUDUCHERRY	U S A	-	-	-	-	0.02	0.02	0.01
PUNJAB	AFGHANISTAN	0.02	0.07	0.69	0.28	0.18	0.18	0.03

PUNJAB	ALGERIA	-	-	-	0.02	0.02	0.02	-
PUNJAB	AUSTRALIA	0.03	0.03	0.06	0.10	0.10	0.07	0.07
PUNJAB	AUSTRIA	-	0.00	-	-	-	-	-
PUNJAB	AZERBAIJAN	0.01	-	-	-	-	-	-
PUNJAB	BAHAMAS	-	-	0.01	-	-	-	-
PUNJAB	BANGLADESH PR	0.00	0.00	0.03	-	0.00	0.00	-
PUNJAB	BELGIUM	0.07	0.16	0.02	0.04	0.00	0.00	0.00
PUNJAB	BENIN	-	0.00	-	-	-	-	-
PUNJAB	BHUTAN	0.00	0.00	0.00	0.00	-	-	-
PUNJAB	BOTSWANA	-	-	-	0.00	-	-	-
PUNJAB	BRUNEI	-	-	-	0.00	-	-	-
PUNJAB	BULGARIA	0.02	0.02	0.02	0.02	0.01	0.01	0.01
PUNJAB	CAMBODIA	-	-	0.00	-	0.04	0.02	0.14
PUNJAB	CAMEROON	-	-	-	-	0.01	0.01	0.01
PUNJAB	CANADA	0.05	0.01	0.01	0.05	0.16	0.14	0.11
PUNJAB	CHINA P RP	0.03	0.01	0.05	0.19	0.06	0.02	0.20
PUNJAB	CONGO D. REP.	-	-	0.00	-	0.00	0.00	0.00
PUNJAB	COTE D' IVOIRE	-	-	0.00	0.00	0.00	0.00	-
PUNJAB	EGYPT A RP	-	-	-	-	0.00	0.00	-
PUNJAB	EQU TL GUINEA	-	0.00	-	0.00	0.00	0.00	-
PUNJAB	ETHIOPIA	0.00	0.00	-	-	0.00	-	-
PUNJAB	FIJI IS	0.00	0.00	-	-	0.00	0.00	0.00
PUNJAB	FINLAND	-	0.00	-	-	-	-	-
PUNJAB	FRANCE	-	0.31	0.42	3.10	1.74	1.40	1.98
PUNJAB	GAMBIA	-	-	-	-	-	-	0.00
PUNJAB	GEORGIA	-	-	-	0.01	0.00	0.00	-
PUNJAB	GERMANY	0.03	0.01	0.03	0.07	0.11	0.08	0.03
PUNJAB	GHANA	0.00	0.00	0.00	0.00	0.01	0.00	0.00
PUNJAB	GUINEA BISSAU	-	-	-	0.00	-	-	-
PUNJAB	HONG KONG	0.10	0.01	0.00	0.00	0.00	0.00	0.00
PUNJAB	INDONESIA	-	-	0.01	-	-	-	-
PUNJAB	IRAN	-	0.06	0.00	0.05	0.00	0.00	-
PUNJAB	IRAQ	-	-	-	-	0.01	0.01	-
PUNJAB	ITALY	-	0.00	-	0.01	0.01	0.01	0.00
PUNJAB	JAPAN	-	-	-	0.00	-	-	-
PUNJAB	KOREA RP	0.02	0.00	0.00	0.00	-	-	-
PUNJAB	KUWAIT	-	-	0.00	-	-	-	-
PUNJAB	LATVIA	-	0.00	-	-	-	-	-
PUNJAB	LESOTHO	-	-	-	-	0.00	0.00	-

PUNJAB	LIBERIA	0.00	-	0.00	-	0.00	0.00	-
PUNJAB	LIBYA	-	-	0.00	-	-	-	0.00
PUNJAB	MACEDONIA	0.04	0.05	0.06	0.05	0.05	0.04	0.05
PUNJAB	MALAWI	0.00	-	-	-	0.00	0.00	-
PUNJAB	MALAYSIA	-	0.00	-	0.00	0.00	0.00	-
PUNJAB	MALDIVES	-	-	-	-	0.00	0.00	-
PUNJAB	MALTA	-	0.00	-	-	-	-	-
PUNJAB	MAURITIUS	-	-	0.00	-	0.00	0.00	0.00
PUNJAB	MEXICO	-	-	0.00	-	-	-	-
PUNJAB	MOLDOVA	0.00	-	-	-	-	-	-
PUNJAB	MOZAMBIQUE	-	-	-	-	-	-	0.00
PUNJAB	NEPAL	0.73	0.52	1.01	1.04	0.48	0.44	0.21
PUNJAB	NETHERLAND	0.00	0.26	2.07	-	0.09	0.09	0.07
PUNJAB	NEW ZEALAND	0.01	0.01	0.01	0.07	0.07	0.06	0.02
PUNJAB	NIGER	-	-	-	0.00	-	-	-
PUNJAB	NIGERIA	0.01	0.00	0.00	0.02	0.07	0.06	0.11
PUNJAB	OMAN	-	-	-	0.00	-	-	0.68
PUNJAB	PAKISTAN IR	2.83	5.31	1.04	0.00	0.02	0.02	0.01
PUNJAB	PAPUA N GNA	0.00	-	0.00	-	-	-	-
PUNJAB	PHILIPPINES	0.00	0.01	0.00	0.00	0.00	0.00	-
PUNJAB	POLAND	-	-	-	-	-	-	0.00
PUNJAB	QATAR	-	0.05	-	-	-	-	-
PUNJAB	ROMANIA	0.00	0.01	0.02	0.01	0.00	-	0.02
PUNJAB	RWANDA	-	-	-	-	0.01	0.01	-
PUNJAB	SAUDI ARAB	-	-	-	-	0.01	0.01	0.01
PUNJAB	SEYCHELLES	-	-	-	-	-	-	0.00
PUNJAB	SIERRA LEONE	-	-	-	-	-	-	0.00
PUNJAB	SINGAPORE	-	-	0.12	0.03	0.00	0.00	0.15
PUNJAB	SLOVAK REP	0.06	0.10	0.13	0.15	0.19	0.16	0.16
PUNJAB	SOMALIA	-	-	-	-	0.00	0.00	0.00
PUNJAB	SOUTH AFRICA	-	0.00	-	-	0.00	-	-
PUNJAB	SPAIN	-	0.00	-	-	-	-	-
PUNJAB	SRI LANKA DSR	0.31	0.43	0.58	0.37	-	-	-
PUNJAB	ST KITT N A	-	-	-	-	-	-	0.00
PUNJAB	SUDAN	0.01	-	0.01	0.11	0.11	0.11	0.03
PUNJAB	SURINAME	0.00	-	-	-	-	-	-
PUNJAB	SWAZILAND	0.00	-	-	-	-	-	-
PUNJAB	SWITZERLAND	-	0.00	-	-	-	-	-
PUNJAB	TANZANIA REP	-	0.00	-	-	0.00	0.00	-

PUNJAB	THAILAND	-	-	-	0.00	0.00	0.00	0.00
PUNJAB	TOGO	-	-	-	0.00	-	-	0.01
PUNJAB	TUNISIA	-	-	-	-	0.00	0.00	-
PUNJAB	TURKEY	-	-	-	-	-	-	0.00
PUNJAB	U ARAB EMTS	0.00	0.03	0.32	1.58	0.75	0.58	0.32
PUNJAB	U K	0.01	0.00	0.01	0.00	0.01	0.00	0.00
PUNJAB	U S A	0.26	0.16	0.18	0.21	0.63	0.47	0.34
PUNJAB	UGANDA	0.00	0.00	0.03	-	0.00	0.00	0.00
PUNJAB	UKRAINE	-	-	-	-	0.00	0.00	-
PUNJAB	UZBEKISTAN	0.02	0.02	0.03	0.01	0.02	0.02	0.02
PUNJAB	VIETNAM SOC REP	0.08	0.38	0.51	0.00	-	-	0.00
PUNJAB	YEMEN REPubLC	-	-	-	-	0.00	0.00	-
PUNJAB	ZAMBIA	0.00	0.00	-	0.00	0.00	0.00	0.00
PUNJAB	ZIMBABWE	-	0.00	0.00	-	-	-	-
RAJASTHAN	AFGHANISTAN	2.67	1.06	1.56	1.53	0.13	0.13	0.01
RAJASTHAN	ALBANIA	-	0.00	-	-	-	-	-
RAJASTHAN	ALGERIA	-	0.03	0.05	0.07	0.05	0.05	0.03
RAJASTHAN	ANGOLA	-	-	-	0.00	-	-	-
RAJASTHAN	ARGENTINA	0.05	0.05	0.02	0.02	0.08	0.08	0.04
RAJASTHAN	AUSTRALIA	0.19	0.05	0.02	0.05	0.04	0.04	0.06
RAJASTHAN	AUSTRIA	0.00	-	0.01	0.01	0.00	0.00	-
RAJASTHAN	AZERBAIJAN	-	-	-	0.00	0.01	0.01	-
RAJASTHAN	BAHAMAS	-	-	-	0.00	-	-	-
RAJASTHAN	BAHARAIN IS	0.00	0.00	-	0.01	-	-	0.01
RAJASTHAN	BANGLADESH PR	0.00	0.23	1.61	1.39	1.41	1.09	0.73
RAJASTHAN	BARBADOS	0.00	-	-	-	-	-	-
RAJASTHAN	BELARUS	-	-	0.00	-	-	-	-
RAJASTHAN	BELGIUM	0.37	2.04	0.80	0.56	2.81	2.35	0.44
RAJASTHAN	BENIN	0.00	-	0.00	-	-	-	-
RAJASTHAN	BOTSWANA	0.00	-	-	-	-	-	0.00
RAJASTHAN	BRAZIL	0.39	0.53	0.75	1.17	0.70	0.66	0.56
RAJASTHAN	BRUNEI	-	-	-	-	0.00	0.00	-
RAJASTHAN	BULGARIA	0.02	0.01	0.01	0.04	0.00	-	0.00
RAJASTHAN	BURKINA FASO	-	0.00	-	-	-	-	-
RAJASTHAN	CAMBODIA	0.01	0.05	0.01	0.02	0.06	0.06	0.03
RAJASTHAN	CAMEROON	-	-	0.00	-	0.00	-	-
RAJASTHAN	CANADA	0.32	0.27	0.73	1.39	1.50	1.21	0.98
RAJASTHAN	CHILE	-	-	0.00	0.02	0.13	0.12	0.02
RAJASTHAN	CHINA P RP	2.25	2.83	2.41	5.59	6.12	5.21	3.24

RAJASTHAN	COLOMBIA	0.02	0.05	0.04	0.03	0.07	0.07	0.04
RAJASTHAN	CONGO D. REP.	-	-	-	0.00	-	-	-
RAJASTHAN	COSTA RICA	-	-	-	-	0.12	0.12	0.30
RAJASTHAN	COTE D' IVOIRE	0.00	-	-	-	-	-	-
RAJASTHAN	CROATIA	0.01	0.03	-	0.02	0.02	0.01	-
RAJASTHAN	CZECH REPUBLIC	0.04	0.18	0.18	0.51	0.16	0.16	0.03
RAJASTHAN	DENMARK	0.00	-	-	-	0.00	0.00	-
RAJASTHAN	DOMINIC REP	-	0.01	0.01	0.01	0.02	0.02	0.00
RAJASTHAN	ECUADOR	-	0.00	-	-	0.01	0.01	0.01
RAJASTHAN	EGYPT A RP	-	0.14	0.09	0.07	0.09	0.06	-
RAJASTHAN	EL SALVADOR	-	0.00	-	-	-	-	-
RAJASTHAN	ESTONIA	0.00	-	-	-	-	-	0.00
RAJASTHAN	FIJI IS	0.00	-	0.00	0.00	0.00	0.00	0.00
RAJASTHAN	FINLAND	0.00	-	-	-	0.28	-	-
RAJASTHAN	FRANCE	0.63	0.81	0.84	0.81	0.48	0.41	0.46
RAJASTHAN	GABON	-	-	-	0.00	-	-	-
RAJASTHAN	GAMBIA	0.00	0.01	0.01	0.00	0.00	0.00	0.00
RAJASTHAN	GEORGIA	0.00	0.02	-	-	-	-	-
RAJASTHAN	GERMANY	2.88	1.96	2.01	3.18	4.73	4.10	3.28
RAJASTHAN	GHANA	0.00	0.04	0.00	0.00	0.01	0.01	-
RAJASTHAN	GREECE	0.01	0.01	0.03	0.00	0.13	0.13	0.06
RAJASTHAN	GUADELOUPE	-	-	-	-	0.00	0.00	-
RAJASTHAN	GUATEMALA	-	0.00	0.05	0.05	0.05	0.03	0.02
RAJASTHAN	GUINEA	-	-	-	0.00	0.00	-	-
RAJASTHAN	GUYANA	0.00	-	0.00	0.01	0.00	-	-
RAJASTHAN	HONG KONG	0.05	0.01	0.02	0.06	0.00	0.00	0.00
RAJASTHAN	HUNGARY	0.02	0.02	0.01	0.05	0.01	0.01	0.00
RAJASTHAN	INDONESIA	0.12	0.11	0.05	0.27	0.44	0.37	0.24
RAJASTHAN	IRAN	0.07	0.10	0.15	0.08	0.11	0.07	0.11
RAJASTHAN	IRAQ	0.04	0.02	0.03	0.10	0.13	0.03	0.03
RAJASTHAN	IRELAND	1.04	-	0.00	0.08	-	-	-
RAJASTHAN	ISRAEL	0.02	0.06	0.02	0.03	0.09	0.07	0.05
RAJASTHAN	ITALY	2.92	2.66	3.36	7.07	6.78	5.77	4.39
RAJASTHAN	JAMAICA	0.00	0.00	0.00	-	0.01	0.01	0.03
RAJASTHAN	JAPAN	0.30	0.48	0.12	1.11	0.81	0.64	0.51
RAJASTHAN	JORDAN	0.00	0.00	-	-	0.05	0.04	0.05
RAJASTHAN	KAZAKHSTAN	-	0.01	0.01	-	-	-	-
RAJASTHAN	KENYA	0.01	-	0.00	0.03	0.00	0.00	0.00
RAJASTHAN	KOREA RP	1.26	2.15	1.17	1.68	4.06	3.65	4.14

RAJASTHAN	KUWAIT	-	0.01	0.10	0.07	0.03	0.01	0.04
RAJASTHAN	KYRGHYZSTAN	-	0.07	0.01	0.15	0.02	0.02	0.17
RAJASTHAN	LAO PD RP	-	-	0.00	0.03	-	-	0.03
RAJASTHAN	LATVIA	0.02	0.09	-	-	0.01	0.01	-
RAJASTHAN	LEBANON	-	-	-	0.00	0.02	0.01	0.00
RAJASTHAN	LIBERIA	-	0.03	0.02	0.05	0.02	0.02	0.02
RAJASTHAN	LITHUANIA	-	-	0.05	0.00	0.01	0.01	0.00
RAJASTHAN	MADAGASCAR	-	0.00	-	-	-	-	-
RAJASTHAN	MALAWI	0.04	0.01	-	0.00	-	-	0.01
RAJASTHAN	MALAYSIA	0.59	0.47	0.69	0.62	0.59	0.45	0.48
RAJASTHAN	MALDIVES	0.00	-	-	-	-	-	-
RAJASTHAN	MAURITIUS	-	0.00	0.00	0.01	0.00	0.00	0.02
RAJASTHAN	MEXICO	0.38	0.78	0.45	0.74	1.42	0.83	1.63
RAJASTHAN	MONGOLIA	-	-	-	0.00	-	-	-
RAJASTHAN	MONTENEGRO	-	-	0.01	-	-	-	-
RAJASTHAN	MOROCCO	0.03	0.04	0.05	0.03	0.05	0.04	0.03
RAJASTHAN	MYANMAR	0.04	0.08	0.12	-	-	-	0.01
RAJASTHAN	NEPAL	0.03	0.02	0.07	0.03	0.06	0.05	0.03
RAJASTHAN	NETHERLAND	0.05	0.15	0.12	0.16	0.11	0.10	0.10
RAJASTHAN	NETHERLANDANTIL	0.00	-	-	0.00	-	-	-
RAJASTHAN	NEW ZEALAND	-	0.00	0.00	0.01	0.00	0.00	0.01
RAJASTHAN	NICARAGUA	0.00	-	-	-	-	-	-
RAJASTHAN	NIGERIA	0.02	0.01	0.01	0.09	0.00	0.00	0.20
RAJASTHAN	NORWAY	0.00	0.00	-	0.00	-	-	-
RAJASTHAN	OMAN	-	-	0.00	0.01	0.00	-	-
RAJASTHAN	PAKISTAN IR	1.73	2.53	0.44	0.14	1.47	0.81	1.89
RAJASTHAN	PARAGUAY	-	-	0.00	-	0.02	0.02	-
RAJASTHAN	PERU	-	0.00	-	-	0.01	0.01	0.02
RAJASTHAN	PHILIPPINES	0.38	0.47	0.49	0.24	0.15	0.15	0.39
RAJASTHAN	POLAND	0.67	0.58	0.59	0.76	0.64	0.63	0.43
RAJASTHAN	PORTUGAL	-	0.00	0.00	0.01	0.04	0.04	0.02
RAJASTHAN	QATAR	0.00	0.00	0.00	0.00	0.01	0.01	0.00
RAJASTHAN	REUNION	-	-	0.00	-	0.00	0.00	-
RAJASTHAN	ROMANIA	0.02	0.00	0.05	0.81	0.04	0.04	0.72
RAJASTHAN	RUSSIA	0.26	0.26	0.40	0.83	0.99	0.97	1.60
RAJASTHAN	SAUDI ARAB	0.03	0.00	0.00	0.01	0.15	0.14	0.17
RAJASTHAN	SENEGAL	-	-	-	0.00	-	-	-
RAJASTHAN	SERBIA	0.00	0.02	0.01	0.03	0.01	0.01	0.00
RAJASTHAN	SIERRA LEONE	-	0.00	0.00	0.00	0.00	0.00	-



RAJASTHAN	SINGAPORE	0.14	0.14	0.14	0.19	0.27	0.27	0.14
RAJASTHAN	SLOVAK REP	-	0.05	0.05	0.06	0.00	0.00	-
RAJASTHAN	SLOVENIA	0.02	0.11	0.06	0.18	0.16	0.12	0.01
RAJASTHAN	SOMALIA	0.02	0.00	-	0.00	0.00	0.00	0.02
RAJASTHAN	SOUTH AFRICA	0.04	0.04	0.04	0.05	0.06	0.05	0.04
RAJASTHAN	SPAIN	0.06	0.18	0.15	0.21	0.56	0.56	1.02
RAJASTHAN	SRI LANKA DSR	0.00	0.04	0.04	0.09	0.09	0.07	0.04
RAJASTHAN	ST LUCIA	-	-	-	-	0.00	0.00	-
RAJASTHAN	SWAZILAND	-	-	0.04	0.01	-	-	0.00
RAJASTHAN	SWEDEN	0.05	0.11	0.10	0.15	0.09	0.06	-
RAJASTHAN	SWITZERLAND	0.00	0.01	0.00	-	0.02	0.02	0.02
RAJASTHAN	TAIWAN	0.10	0.23	0.01	0.03	0.05	0.05	0.01
RAJASTHAN	TAJIKISTAN	0.05	-	0.04	0.07	0.06	0.03	0.06
RAJASTHAN	TANZANIA REP	-	-	0.01	0.03	0.06	0.05	0.03
RAJASTHAN	THAILAND	0.12	0.08	0.17	0.05	0.51	0.43	0.23
RAJASTHAN	TOGO	0.00	0.00	-	0.00	-	-	-
RAJASTHAN	TRINIDAD	0.00	-	0.00	0.00	-	-	-
RAJASTHAN	TUNISIA	-	-	0.01	0.00	0.00	-	0.02
RAJASTHAN	TURKEY	0.15	0.16	0.11	0.09	0.24	0.18	0.11
RAJASTHAN	TURKMENISTAN	0.13	-	-	-	0.03	0.03	0.06
RAJASTHAN	U ARAB EMTS	0.11	0.16	0.50	0.32	0.33	0.21	0.21
RAJASTHAN	U K	0.68	0.53	0.30	0.59	0.12	0.12	0.13
RAJASTHAN	U S A	7.02	15.57	11.04	18.48	28.92	23.06	24.46
RAJASTHAN	UGANDA	0.00	0.00	0.00	0.03	0.05	0.05	0.01
RAJASTHAN	UKRAINE	0.84	1.63	1.42	2.32	2.19	2.00	0.20
RAJASTHAN	UNSPECIFIED	0.00	-	-	-	-	-	-
RAJASTHAN	URUGUAY	-	0.03	0.01	-	-	-	-
RAJASTHAN	UZBEKISTAN	0.01	0.14	0.03	0.26	0.10	0.10	0.06
RAJASTHAN	VENEZUELA	-	-	-	0.00	0.00	0.00	0.01
RAJASTHAN	VIETNAM SOC REP	1.40	1.06	0.04	0.01	0.00	-	0.00
RAJASTHAN	YEMEN REPUBLC	0.01	0.01	-	-	0.01	0.01	-
RAJASTHAN	ZAMBIA	0.01	0.01	0.01	0.03	0.04	0.03	0.04
SIKKIM	ANTIGUA	-	-	-	-	0.00	0.00	-
SIKKIM	CAYMAN IS	-	-	-	-	-	-	0.00
SIKKIM	GRENADA	-	-	-	-	0.00	0.00	0.00
SIKKIM	HONG KONG	-	-	-	-	0.01	0.01	0.00
SIKKIM	SEYCHELLES	-	-	-	-	0.00	0.00	0.00
SIKKIM	SINGAPORE	-	-	-	-	0.00	0.00	0.00
SIKKIM	ST KITT N A	-	-	-	-	0.00	0.00	-

SIKKIM	TAIWAN	-	-	-	-	-	-	0.00
TAMIL NADU	AFGHANISTAN	-	0.00	-	-	-	-	-
TAMIL NADU	ANGOLA	-	-	-	-	-	-	0.04
TAMIL NADU	ARGENTINA	-	-	-	-	0.13	0.13	0.04
TAMIL NADU	AUSTRALIA	0.18	0.16	0.09	0.15	0.17	0.14	0.21
TAMIL NADU	AUSTRIA	0.08	0.19	0.15	0.09	0.04	0.04	0.07
TAMIL NADU	AZERBAIJAN	0.00	0.00	0.00	-	0.00	0.00	0.00
TAMIL NADU	BAHARAIN IS	0.17	0.09	0.03	-	0.00	0.00	0.00
TAMIL NADU	BANGLADESH PR	0.04	0.18	0.13	0.14	0.05	0.05	0.07
TAMIL NADU	BARBADOS	-	0.00	0.00	0.00	0.00	0.00	0.00
TAMIL NADU	BELGIUM	0.17	0.25	0.44	0.03	0.07	0.06	0.01
TAMIL NADU	BELIZE	-	0.00	-	-	-	-	-
TAMIL NADU	BENIN	-	-	0.00	-	-	-	0.00
TAMIL NADU	BHUTAN	-	0.00	0.01	-	-	-	-
TAMIL NADU	BRAZIL	-	0.00	0.17	0.18	0.00	0.00	0.00
TAMIL NADU	BRUNEI	0.00	0.01	0.01	0.00	0.01	0.00	0.00
TAMIL NADU	BULGARIA	0.02	0.01	0.00	0.00	0.02	0.02	-
TAMIL NADU	BURKINA FASO	-	-	0.00	-	-	-	-
TAMIL NADU	BURUNDI	-	-	0.06	0.00	-	-	0.01
TAMIL NADU	C AFRI REP	-	-	-	-	-	-	0.00
TAMIL NADU	CAMBODIA	0.01	0.24	0.05	0.03	-	-	0.00
TAMIL NADU	CAMEROON	-	-	-	-	0.00	0.00	0.00
TAMIL NADU	CANADA	0.07	0.08	0.09	0.21	0.17	0.15	0.09
TAMIL NADU	CAYMAN IS	-	-	-	-	-	-	0.00
TAMIL NADU	CHILE	0.02	0.00	0.01	0.04	0.03	0.03	0.00
TAMIL NADU	CHINA P RP	0.08	0.17	0.67	0.65	0.14	0.14	0.31
TAMIL NADU	COLOMBIA	0.01	0.03	0.01	0.01	0.00	0.00	-
TAMIL NADU	CONGO D. REP.	-	-	-	0.00	-	-	0.00
TAMIL NADU	CONGO P REP	-	-	-	-	0.00	0.00	-
TAMIL NADU	COTE D' IVOIRE	-	-	-	-	-	-	0.00
TAMIL NADU	CROATIA	-	-	0.00	0.00	0.00	0.00	0.00
TAMIL NADU	CYPRUS	0.00	0.00	0.00	0.00	-	-	-
TAMIL NADU	CZECH REPUBLIC	0.02	0.02	0.05	0.10	0.07	0.07	0.00
TAMIL NADU	DENMARK	0.00	0.00	-	0.00	-	-	-
TAMIL NADU	DOMINIC REP	0.01	-	-	0.01	0.01	0.01	-
TAMIL NADU	DOMINICA	-	0.00	-	-	-	-	-
TAMIL NADU	ECUADOR	-	-	-	0.02	-	-	-
TAMIL NADU	EGYPT A RP	-	-	-	-	0.00	0.00	-
TAMIL NADU	EQU TL GUINEA	-	-	-	-	-	-	0.00

TAMIL NADU	ESTONIA	-	-	0.00	-	-	-	-
TAMIL NADU	ETHIOPIA	-	-	-	-	0.00	0.00	-
TAMIL NADU	FIJI IS	0.02	0.02	0.02	0.01	0.01	0.01	0.04
TAMIL NADU	FINLAND	-	0.00	0.00	-	0.00	0.00	-
TAMIL NADU	FRANCE	0.87	0.59	0.28	0.08	0.37	0.35	0.49
TAMIL NADU	GAMBIA	0.00	0.00	0.00	-	-	-	0.00
TAMIL NADU	GEORGIA	-	0.00	0.00	-	-	-	0.00
TAMIL NADU	GERMANY	1.05	0.96	0.38	0.18	0.37	0.34	0.43
TAMIL NADU	GHANA	0.04	0.04	0.04	0.00	0.00	0.00	0.01
TAMIL NADU	GRENADA	0.00	-	-	-	-	-	-
TAMIL NADU	GUADELOUPE	0.01	0.01	0.05	0.01	0.00	0.00	0.00
TAMIL NADU	GUATEMALA	0.00	0.00	0.05	0.08	-	-	0.04
TAMIL NADU	GUINEA	0.00	-	-	-	-	-	0.00
TAMIL NADU	HONDURAS	0.04	0.05	0.02	0.05	0.01	-	0.03
TAMIL NADU	HONG KONG	0.03	0.02	0.03	0.02	0.10	0.10	0.02
TAMIL NADU	HUNGARY	0.16	0.11	0.06	0.14	0.03	0.03	0.02
TAMIL NADU	INDONESIA	-	0.00	0.01	0.00	-	-	-
TAMIL NADU	IRAN	-	0.00	0.07	-	0.00	0.00	-
TAMIL NADU	IRAQ	0.00	-	-	-	0.00	0.00	-
TAMIL NADU	IRELAND	-	0.00	0.01	-	0.00	0.00	0.00
TAMIL NADU	ISRAEL	-	0.00	-	-	0.00	0.00	-
TAMIL NADU	ITALY	0.07	0.02	0.06	0.15	0.18	0.12	0.14
TAMIL NADU	JAMAICA	0.00	-	-	0.00	-	-	-
TAMIL NADU	JAPAN	0.88	0.51	0.59	0.43	0.72	0.60	0.50
TAMIL NADU	JORDAN	0.00	0.01	0.05	0.00	0.00	0.00	0.00
TAMIL NADU	KENYA	0.10	-	0.00	0.01	0.78	0.78	0.35
TAMIL NADU	KIRIBATI REP	-	-	0.00	-	0.00	0.00	-
TAMIL NADU	KOREA DP RP	-	0.00	-	-	-	-	-
TAMIL NADU	KOREA RP	0.34	0.16	0.14	0.02	0.01	0.01	0.00
TAMIL NADU	KUWAIT	0.01	0.01	0.01	0.01	0.01	0.01	0.01
TAMIL NADU	LAO PD RP	0.01	-	-	-	0.01	0.00	-
TAMIL NADU	LATVIA	0.04	0.01	-	0.01	0.07	0.02	0.04
TAMIL NADU	LEBANON	0.02	0.01	0.01	0.00	0.00	0.00	-
TAMIL NADU	LIBERIA	-	-	-	-	0.01	0.01	0.01
TAMIL NADU	LIBYA	-	-	-	0.00	-	-	-
TAMIL NADU	LITHUANIA	0.00	-	-	-	-	-	-
TAMIL NADU	LUXEMBOURG	-	-	0.00	0.00	-	-	-
TAMIL NADU	MADAGASCAR	0.00	0.00	0.00	0.00	-	-	-
TAMIL NADU	MALAWI	0.00	0.01	0.01	0.00	-	-	-

TAMIL NADU	MALAYSIA	0.92	1.23	1.07	1.05	3.00	2.85	1.26
TAMIL NADU	MALDIVES	0.19	0.21	0.14	0.13	0.28	0.24	0.30
TAMIL NADU	MALI	-	-	-	-	0.00	0.00	-
TAMIL NADU	MALTA	-	-	-	0.00	-	-	-
TAMIL NADU	MAURITIUS	0.04	0.06	0.03	0.05	0.03	0.03	0.04
TAMIL NADU	MEXICO	0.03	0.05	-	0.03	0.02	0.02	0.05
TAMIL NADU	MICRONESIA	0.00	0.00	0.00	-	0.00	0.00	0.00
TAMIL NADU	MOLDOVA	-	0.00	-	-	-	-	-
TAMIL NADU	MONGOLIA	-	-	-	-	0.00	0.00	0.01
TAMIL NADU	MONTSERRAT	-	0.00	-	-	0.00	-	0.00
TAMIL NADU	MOROCCO	-	-	-	0.00	0.00	-	-
TAMIL NADU	MOZAMBIQUE	-	0.00	0.03	0.07	0.09	0.09	0.00
TAMIL NADU	MYANMAR	0.06	0.05	0.01	0.03	0.18	0.16	0.57
TAMIL NADU	NAMIBIA	-	-	0.00	0.00	-	-	-
TAMIL NADU	NEPAL	0.03	0.07	0.10	0.11	0.14	0.13	0.18
TAMIL NADU	NETHERLAND	0.11	0.10	0.05	0.03	0.18	0.12	0.08
TAMIL NADU	NEW CALEDONIA	-	0.00	0.00	-	-	-	-
TAMIL NADU	NEW ZEALAND	0.04	0.02	0.02	0.04	0.02	0.02	0.04
TAMIL NADU	NICARAGUA	0.01	0.02	0.02	0.02	-	-	-
TAMIL NADU	NIGERIA	0.00	-	0.02	0.02	0.07	0.07	0.03
TAMIL NADU	NORWAY	0.01	0.00	0.00	0.00	0.00	0.00	0.00
TAMIL NADU	OMAN	0.11	0.16	0.14	0.29	0.22	0.21	0.29
TAMIL NADU	PAKISTAN IR	0.04	0.06	-	0.00	0.00	0.00	-
TAMIL NADU	PAPUA N GNA	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TAMIL NADU	PARAGUAY	0.00	-	-	-	-	-	0.00
TAMIL NADU	PERU	-	-	0.00	-	0.00	0.00	-
TAMIL NADU	PHILIPPINES	0.89	0.88	0.84	0.84	0.63	0.46	0.56
TAMIL NADU	POLAND	0.20	0.15	0.14	0.27	0.18	0.16	0.25
TAMIL NADU	PORTUGAL	0.02	0.03	0.03	0.02	0.01	0.01	0.05
TAMIL NADU	QATAR	0.03	0.03	0.03	0.03	0.05	0.05	0.04
TAMIL NADU	REUNION	0.00	0.01	0.00	0.00	0.00	0.00	0.00
TAMIL NADU	ROMANIA	0.00	-	-	0.00	0.00	0.00	0.00
TAMIL NADU	RUSSIA	0.12	0.05	0.03	-	-	-	0.05
TAMIL NADU	RWANDA	-	-	-	0.00	-	-	0.01
TAMIL NADU	SAUDI ARAB	0.02	0.00	0.02	0.01	0.00	0.00	-
TAMIL NADU	SENEGAL	0.00	-	-	-	-	-	-
TAMIL NADU	SERBIA	0.00	0.00	0.01	0.01	0.00	0.00	0.01
TAMIL NADU	SEYCHELLES	0.02	0.02	0.01	0.01	0.01	0.01	0.02
TAMIL NADU	SIERRA LEONE	0.01	-	-	-	0.00	-	-



TELANGANA	BANGLADESH PR	0.00	0.00	0.00	-	-	-	-
TELANGANA	BELGIUM	0.00	-	-	-	-	-	-
TELANGANA	BHUTAN	-	0.00	-	-	-	-	-
TELANGANA	BRAZIL	-	0.00	-	-	-	-	-
TELANGANA	BULGARIA	0.03	0.00	-	-	-	-	-
TELANGANA	BURUNDI	-	-	-	-	0.03	0.03	-
TELANGANA	CAMBODIA	-	0.01	-	-	0.00	0.00	-
TELANGANA	CAMEROON	-	-	-	0.00	0.00	-	-
TELANGANA	CANADA	0.00	0.00	-	-	0.02	0.01	0.02
TELANGANA	CHINA P RP	0.01	0.01	0.00	-	-	-	-
TELANGANA	CONGO P REP	-	-	-	-	-	-	0.00
TELANGANA	COTE D' IVOIRE	-	-	-	-	0.00	0.00	-
TELANGANA	CZECH REPUBLIC	0.01	0.01	0.00	-	-	-	-
TELANGANA	DJIBOUTI	-	-	-	-	0.07	0.01	0.00
TELANGANA	DOMINIC REP	-	-	-	-	-	-	0.01
TELANGANA	ECUADOR	-	-	0.00	-	-	-	-
TELANGANA	EGYPT A RP	0.00	-	-	-	0.00	0.00	-
TELANGANA	ESTONIA	0.01	-	-	-	-	-	-
TELANGANA	ETHIOPIA	0.00	-	-	-	-	-	-
TELANGANA	FINLAND	0.12	0.00	-	-	0.02	0.02	0.02
TELANGANA	FRANCE	0.09	0.02	0.03	0.10	0.06	0.04	0.15
TELANGANA	GABON	0.00	-	-	-	-	-	-
TELANGANA	GAMBIA	-	-	-	0.01	-	-	-
TELANGANA	GERMANY	0.02	0.02	0.04	0.07	0.15	0.05	0.19
TELANGANA	GHANA	-	-	-	0.00	0.00	0.00	-
TELANGANA	GRENADA	-	-	-	-	-	-	0.00
TELANGANA	HONG KONG	-	0.00	0.00	0.01	0.00	0.00	0.00
TELANGANA	IRAQ	0.00	0.00	-	0.00	0.01	-	-
TELANGANA	IRELAND	0.00	0.00	0.00	-	0.00	0.00	-
TELANGANA	ISRAEL	0.00	0.01	0.02	0.02	0.04	0.04	0.01
TELANGANA	ITALY	3.17	3.83	4.35	3.59	3.15	1.06	4.00
TELANGANA	JAMAICA	-	-	-	-	-	-	0.00
TELANGANA	JAPAN	0.05	0.00	0.03	0.03	0.04	0.04	0.06
TELANGANA	KENYA	0.00	-	-	0.00	-	-	-
TELANGANA	KOREA DP RP	0.08	-	-	-	-	-	-
TELANGANA	KOREA RP	0.01	0.06	0.00	0.03	0.04	0.04	0.00
TELANGANA	KUWAIT	-	-	0.00	0.00	-	-	-
TELANGANA	LATVIA	0.00	0.01	-	0.12	0.16	0.16	0.01
TELANGANA	LIBYA	-	-	-	0.01	-	-	-

TELANGANA	MADAGASCAR	-	-	-	-	-	-	0.00
TELANGANA	MALAYSIA	0.00	0.09	0.24	0.00	0.00	-	0.00
TELANGANA	MALDIVES	-	-	-	-	0.00	0.00	-
TELANGANA	MAURITIUS	-	0.01	0.00	0.00	0.26	0.26	-
TELANGANA	MYANMAR	-	-	0.00	0.00	-	-	-
TELANGANA	NEPAL	0.09	0.58	0.31	0.39	0.22	0.22	0.30
TELANGANA	NETHERLAND	0.05	0.04	0.00	0.02	0.01	0.01	0.01
TELANGANA	NETHERLANDANTIL	-	0.00	-	0.00	-	-	-
TELANGANA	NEW ZEALAND	0.02	0.01	0.01	-	0.00	0.00	0.00
TELANGANA	NIGERIA	-	-	0.00	0.00	0.01	-	0.01
TELANGANA	OMAN	-	0.01	0.01	0.00	0.00	0.00	0.00
TELANGANA	PAPUA N GNA	-	-	-	0.00	0.00	0.00	0.00
TELANGANA	PERU	-	0.00	-	-	-	-	-
TELANGANA	PHILIPPINES	0.00	0.83	0.98	-	0.00	-	0.01
TELANGANA	POLAND	0.00	-	0.00	-	-	-	-
TELANGANA	QATAR	0.00	-	0.00	0.00	0.00	0.00	0.00
TELANGANA	RUSSIA	-	0.03	0.01	0.02	0.04	0.04	0.04
TELANGANA	RWANDA	0.00	-	-	-	-	-	-
TELANGANA	SAUDI ARAB	-	-	-	0.00	-	-	0.00
TELANGANA	SEYCHELLES	-	-	0.00	0.00	0.02	0.02	0.02
TELANGANA	SIERRA LEONE	-	0.00	-	-	-	-	-
TELANGANA	SINGAPORE	0.01	0.09	0.07	0.00	0.01	0.01	0.00
TELANGANA	SLOVENIA	-	0.00	-	-	-	-	-
TELANGANA	SOMALIA	-	-	-	-	0.00	0.00	0.01
TELANGANA	SOUTH AFRICA	-	0.01	-	0.00	-	-	0.04
TELANGANA	SPAIN	-	0.01	0.03	0.03	-	-	-
TELANGANA	SRI LANKA DSR	0.00	0.02	0.00	0.04	0.01	0.01	0.00
TELANGANA	ST LUCIA	-	-	-	-	0.00	-	-
TELANGANA	SUDAN	-	-	-	0.00	0.00	0.00	-
TELANGANA	SWEDEN	-	-	-	-	0.00	0.00	-
TELANGANA	SWITZERLAND	0.00	0.01	-	0.00	-	-	-
TELANGANA	TAIWAN	-	-	0.00	-	-	-	-
TELANGANA	TANZANIA REP	-	-	-	-	0.00	0.00	-
TELANGANA	THAILAND	0.04	-	-	-	0.04	0.04	-
TELANGANA	TRINIDAD	-	-	-	-	-	-	0.03
TELANGANA	TUNISIA	0.00	0.00	0.00	0.00	-	-	-
TELANGANA	TURKEY	-	0.04	0.00	-	-	-	0.01
TELANGANA	U ARAB EMTS	0.03	0.05	0.08	0.04	0.24	0.23	0.00
TELANGANA	U K	0.10	0.06	0.11	0.13	0.06	0.01	0.02

TELANGANA	U S A	2.06	2.71	1.97	2.25	2.47	1.99	3.81
TELANGANA	VANUATU REP	-	-	-	-	-	-	0.00
TELANGANA	VIETNAM SOC REP	-	0.00	-	0.00	-	-	-
TRIPURA	U S A	-	-	-	-	0.00	0.00	-
UNSPECIFIED	ANTIGUA	-	-	-	-	-	-	0.00
UNSPECIFIED	AUSTRALIA	0.00	0.00	-	0.00	-	-	0.02
UNSPECIFIED	AUSTRIA	-	-	-	0.00	-	-	-
UNSPECIFIED	BAHARAIN IS	-	-	-	-	0.00	0.00	0.00
UNSPECIFIED	BANGLADESH PR	1.10	2.91	2.04	-	-	-	0.03
UNSPECIFIED	BELGIUM	-	0.00	-	-	-	-	-
UNSPECIFIED	BHUTAN	-	-	-	0.01	0.00	0.00	0.00
UNSPECIFIED	BRAZIL	0.00	0.00	-	-	-	-	-
UNSPECIFIED	CAMBODIA	-	-	-	-	-	-	0.00
UNSPECIFIED	CANADA	0.00	0.00	0.00	0.00	0.01	0.01	0.00
UNSPECIFIED	CHILE	-	0.00	-	-	0.01	0.01	-
UNSPECIFIED	CHINA P RP	-	-	0.01	-	-	-	0.03
UNSPECIFIED	COLOMBIA	0.00	-	-	-	-	-	-
UNSPECIFIED	CZECH REPUBLIC	0.00	-	-	-	-	-	0.01
UNSPECIFIED	FINLAND	-	0.00	-	0.00	-	-	-
UNSPECIFIED	FRANCE	0.00	0.00	-	0.00	-	-	0.00
UNSPECIFIED	GERMANY	-	-	-	0.00	0.00	0.00	0.02
UNSPECIFIED	HONG KONG	0.00	0.00	-	0.00	0.01	0.01	0.01
UNSPECIFIED	INDONESIA	-	-	-	-	-	-	0.02
UNSPECIFIED	IRELAND	0.00	0.00	-	-	0.00	0.00	-
UNSPECIFIED	ISRAEL	-	-	-	0.00	-	-	-
UNSPECIFIED	ITALY	-	-	0.23	0.00	-	-	-
UNSPECIFIED	JAPAN	-	-	-	0.00	-	-	0.01
UNSPECIFIED	KAZAKHSTAN	-	-	-	-	-	-	0.00
UNSPECIFIED	KOREA RP	0.00	-	-	-	-	-	0.01
UNSPECIFIED	KUWAIT	-	-	-	0.00	-	-	0.18
UNSPECIFIED	LATVIA	-	-	-	-	-	-	0.02
UNSPECIFIED	LITHUANIA	-	-	-	-	-	-	0.07
UNSPECIFIED	MALAYSIA	-	-	-	-	-	-	0.00
UNSPECIFIED	MALDIVES	-	-	-	-	0.00	0.00	-
UNSPECIFIED	MALTA	-	0.00	-	-	-	-	-
UNSPECIFIED	MAURITIUS	-	-	-	-	-	-	0.00
UNSPECIFIED	MEXICO	-	-	-	0.00	-	-	-
UNSPECIFIED	MONGOLIA	-	-	-	-	-	-	0.00
UNSPECIFIED	NEPAL	3.97	0.20	-	0.30	0.19	0.19	0.04



UNSPECIFIED	NETHERLAND	-	-	-	0.00	-	-	-
UNSPECIFIED	NEW ZEALAND	-	0.00	-	-	-	-	0.02
UNSPECIFIED	NIGERIA	-	-	-	-	-	-	0.06
UNSPECIFIED	NORWAY	-	-	-	0.00	-	-	-
UNSPECIFIED	OMAN	-	-	-	-	-	-	0.01
UNSPECIFIED	PAKISTAN IR	-	-	-	-	-	-	0.00
UNSPECIFIED	PHILIPPINES	-	-	-	0.00	-	-	0.01
UNSPECIFIED	POLAND	-	-	-	-	-	-	0.02
UNSPECIFIED	QATAR	-	-	-	0.00	-	-	-
UNSPECIFIED	ROMANIA	-	0.00	-	0.00	-	-	0.04
UNSPECIFIED	RUSSIA	0.00	0.00	-	0.00	0.00	0.00	0.01
UNSPECIFIED	SAUDI ARAB	-	-	-	-	-	-	0.00
UNSPECIFIED	SINGAPORE	-	0.00	-	-	-	-	0.02
UNSPECIFIED	SLOVAK REP	-	-	-	-	0.00	0.00	-
UNSPECIFIED	SOUTH AFRICA	0.00	-	-	-	0.00	0.00	0.00
UNSPECIFIED	SPAIN	-	-	-	0.00	-	-	-
UNSPECIFIED	SRI LANKA DSR	-	-	0.01	-	-	-	-
UNSPECIFIED	SWEDEN	-	-	-	0.00	-	-	0.00
UNSPECIFIED	SWITZERLAND	0.00	0.00	-	0.00	-	-	-
UNSPECIFIED	TAIWAN	-	-	-	0.00	0.00	0.00	0.00
UNSPECIFIED	TAJIKISTAN	-	-	-	-	-	-	0.06
UNSPECIFIED	THAILAND	-	-	-	0.00	-	-	0.00
UNSPECIFIED	U ARAB EMTS	0.00	-	-	-	0.01	0.01	0.10
UNSPECIFIED	U K	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UNSPECIFIED	U S A	0.00	0.00	-	0.00	0.00	0.00	0.33
UNSPECIFIED	UGANDA	-	-	-	-	-	-	0.00
UNSPECIFIED	UKRAINE	-	-	-	-	-	-	0.01
UNSPECIFIED	UNSPECIFIED	0.00	-	-	-	-	-	-
UNSPECIFIED	UZBEKISTAN	-	-	-	-	-	-	0.01
UNSPECIFIED	VIETNAM SOC REP	-	-	-	-	-	-	0.00
UNSPECIFIED	ZAMBIA	-	-	-	-	0.00	0.00	-
UTTAR PRADESH	AFGHANISTAN	0.01	-	0.02	0.04	0.02	0.02	0.03
UTTAR PRADESH	ALBANIA	-	-	-	-	0.01	0.01	-
UTTAR PRADESH	ALGERIA	-	-	-	0.00	-	-	1.12
UTTAR PRADESH	ANDORRA	-	0.01	-	0.00	-	-	-
UTTAR PRADESH	ANGOLA	-	-	-	-	-	-	0.00
UTTAR PRADESH	ARMENIA	0.00	-	0.00	-	0.00	-	-
UTTAR PRADESH	AUSTRALIA	0.28	0.11	0.24	0.24	0.33	0.22	0.16
UTTAR PRADESH	AUSTRIA	0.00	0.01	0.00	0.01	0.01	0.01	0.02

UTTAR PRADESH	AZERBAIJAN	0.03	0.02	0.01	-	0.01	0.01	0.02
UTTAR PRADESH	BAHARAIN IS	-	0.00	0.00	0.00	0.00	0.00	0.00
UTTAR PRADESH	BANGLADESH PR	0.28	0.20	0.30	0.69	0.87	0.64	0.47
UTTAR PRADESH	BELARUS	0.07	-	-	-	-	-	-
UTTAR PRADESH	BELGIUM	0.30	0.12	0.05	0.05	0.02	0.02	0.03
UTTAR PRADESH	BENIN	-	-	-	-	0.00	0.00	0.00
UTTAR PRADESH	BERMUDA	-	-	-	-	-	-	0.00
UTTAR PRADESH	BHUTAN	0.00	-	-	-	-	-	-
UTTAR PRADESH	BOLIVIA	-	0.00	0.00	-	-	-	-
UTTAR PRADESH	BOSNIA-HRZGOVIN	0.00	-	-	0.00	-	-	0.00
UTTAR PRADESH	BOTSWANA	-	0.01	-	0.00	-	-	-
UTTAR PRADESH	BRAZIL	0.04	0.10	0.08	0.20	0.04	0.04	-
UTTAR PRADESH	BULGARIA	0.03	0.03	0.03	0.05	0.07	0.05	0.04
UTTAR PRADESH	BURUNDI	-	-	-	-	-	-	0.00
UTTAR PRADESH	CAMBODIA	0.02	0.04	0.09	0.12	0.01	0.01	0.04
UTTAR PRADESH	CAMEROON	-	-	0.01	-	-	-	-
UTTAR PRADESH	CANADA	0.06	0.08	0.06	0.07	0.16	0.14	0.11
UTTAR PRADESH	CAYMAN IS	-	-	-	-	0.00	0.00	-
UTTAR PRADESH	CHILE	0.09	0.00	0.09	0.00	0.00	0.00	0.01
UTTAR PRADESH	CHINA P RP	0.00	0.10	0.02	0.05	0.08	0.08	0.24
UTTAR PRADESH	COLOMBIA	-	-	-	-	-	-	0.00
UTTAR PRADESH	CONGO D. REP.	0.01	0.10	0.04	-	0.00	0.00	-
UTTAR PRADESH	CONGO P REP	0.06	0.14	-	-	-	-	-
UTTAR PRADESH	CROATIA	0.02	0.01	0.02	0.03	0.05	0.02	0.18
UTTAR PRADESH	CYPRUS	-	-	0.00	-	0.02	0.02	0.01
UTTAR PRADESH	CZECH REPUBLIC	0.14	0.16	0.16	0.23	0.29	0.22	0.29
UTTAR PRADESH	DENMARK	0.00	-	-	-	0.00	0.00	-
UTTAR PRADESH	DJIBOUTI	0.00	-	-	-	-	-	-
UTTAR PRADESH	ECUADOR	-	-	-	-	-	-	0.00
UTTAR PRADESH	EGYPT A RP	0.03	0.05	0.01	0.03	0.02	0.02	0.02
UTTAR PRADESH	ESTONIA	0.00	-	-	-	0.07	0.07	-
UTTAR PRADESH	FIJI IS	-	-	-	-	0.00	0.00	0.00
UTTAR PRADESH	FINLAND	0.00	-	-	0.01	0.01	0.01	-
UTTAR PRADESH	FR GUIANA	-	-	-	-	-	-	0.00
UTTAR PRADESH	FRANCE	1.37	1.52	1.80	2.31	1.85	1.85	0.04
UTTAR PRADESH	GEORGIA	0.00	-	0.08	-	0.00	0.00	-
UTTAR PRADESH	GERMANY	0.30	0.08	0.05	0.37	0.25	0.21	0.00
UTTAR PRADESH	GHANA	0.08	0.03	0.02	0.05	0.05	0.05	0.07
UTTAR PRADESH	GREECE	0.00	-	-	-	-	-	-

UTTAR PRADESH	GUATEMALA	0.01	0.00	0.01	-	0.01	0.01	0.00
UTTAR PRADESH	GUYANA	-	-	-	-	0.00	0.00	-
UTTAR PRADESH	HONG KONG	0.02	0.03	0.02	0.02	0.01	0.00	0.02
UTTAR PRADESH	HUNGARY	0.02	0.01	0.00	-	0.00	0.00	0.00
UTTAR PRADESH	INDONESIA	0.04	-	-	-	-	-	-
UTTAR PRADESH	IRAN	-	-	-	-	0.01	0.01	0.00
UTTAR PRADESH	IRAQ	0.01	0.01	0.14	0.06	0.20	0.15	0.01
UTTAR PRADESH	IRELAND	0.00	0.00	0.01	0.06	0.12	0.09	0.05
UTTAR PRADESH	ISRAEL	0.49	0.13	0.00	0.11	0.08	0.06	0.06
UTTAR PRADESH	ITALY	1.04	1.71	0.92	1.76	1.50	1.18	1.37
UTTAR PRADESH	JAMAICA	-	0.12	-	-	0.03	0.03	-
UTTAR PRADESH	JAPAN	2.41	0.04	0.03	0.05	0.03	0.02	0.06
UTTAR PRADESH	JORDAN	-	-	-	-	0.00	0.00	0.00
UTTAR PRADESH	KAZAKHSTAN	0.00	0.06	-	0.01	0.03	0.03	0.20
UTTAR PRADESH	KENYA	0.02	0.01	0.02	0.02	0.02	0.02	0.04
UTTAR PRADESH	KOREA RP	0.01	0.00	0.00	0.01	0.01	0.00	0.00
UTTAR PRADESH	KUWAIT	0.00	0.04	0.00	0.03	0.00	0.00	-
UTTAR PRADESH	KYRGHYZSTAN	0.11	0.07	0.17	0.00	0.00	0.00	0.03
UTTAR PRADESH	LAO PD RP	0.02	0.04	0.01	0.01	0.02	0.02	0.02
UTTAR PRADESH	LATVIA	0.02	0.23	0.09	0.11	0.20	0.20	0.16
UTTAR PRADESH	LEBANON	0.00	0.00	0.02	0.00	0.00	0.00	0.00
UTTAR PRADESH	LIBERIA	0.00	0.00	0.00	-	-	-	0.01
UTTAR PRADESH	LITHUANIA	-	0.10	0.10	0.21	0.08	0.08	0.00
UTTAR PRADESH	MADAGASCAR	-	-	-	-	0.02	0.02	-
UTTAR PRADESH	MALAWI	0.01	-	-	-	-	-	-
UTTAR PRADESH	MALAYSIA	0.09	0.09	0.09	0.13	0.32	0.29	0.10
UTTAR PRADESH	MALDIVES	0.00	-	-	0.00	0.00	0.00	-
UTTAR PRADESH	MALI	-	-	-	-	0.00	0.00	-
UTTAR PRADESH	MAURITIUS	0.06	0.14	0.27	0.11	0.03	0.03	0.02
UTTAR PRADESH	MEXICO	-	-	-	-	-	-	0.00
UTTAR PRADESH	MOLDOVA	-	0.00	0.04	0.02	0.00	0.00	0.01
UTTAR PRADESH	MONGOLIA	0.00	-	0.02	-	-	-	-
UTTAR PRADESH	MYANMAR	0.40	0.00	0.00	0.13	-	-	0.00
UTTAR PRADESH	NAMIBIA	0.00	-	-	-	-	-	-
UTTAR PRADESH	NEPAL	2.55	2.31	3.96	3.27	4.66	4.15	3.19
UTTAR PRADESH	NETHERLAND	1.27	1.31	1.43	1.77	1.80	1.36	0.63
UTTAR PRADESH	NETHERLANDANTIL	-	-	0.01	0.01	0.01	0.01	-
UTTAR PRADESH	NEW ZEALAND	0.09	0.11	0.09	0.13	0.10	0.10	0.10
UTTAR PRADESH	NICARAGUA	-	-	-	0.00	0.00	0.00	-

UTTAR PRADESH	NIGERIA	0.12	0.08	0.11	0.15	0.14	0.11	0.18
UTTAR PRADESH	NORWAY	0.15	0.22	0.10	0.19	0.11	0.11	0.14
UTTAR PRADESH	OMAN	0.02	0.01	0.00	0.01	-	-	0.00
UTTAR PRADESH	PAKISTAN IR	0.07	0.12	-	-	0.01	0.01	0.01
UTTAR PRADESH	PANAMA REPUBLIC	-	-	-	-	0.00	-	-
UTTAR PRADESH	PERU	-	-	0.00	-	-	-	-
UTTAR PRADESH	PHILIPPINES	0.00	0.01	-	0.00	0.01	0.00	0.01
UTTAR PRADESH	POLAND	0.03	0.01	0.01	0.04	0.35	0.26	0.55
UTTAR PRADESH	PORTUGAL	-	0.03	0.02	0.01	0.06	0.03	0.05
UTTAR PRADESH	QATAR	0.13	0.00	0.02	0.04	0.01	0.01	0.05
UTTAR PRADESH	REUNION	-	-	0.00	0.00	0.00	0.00	-
UTTAR PRADESH	ROMANIA	0.20	0.08	0.16	0.17	0.20	0.19	0.18
UTTAR PRADESH	RUSSIA	0.07	0.21	0.11	0.08	0.08	0.05	0.02
UTTAR PRADESH	RWANDA	-	-	-	-	-	-	0.00
UTTAR PRADESH	SAUDI ARAB	0.02	0.09	0.04	0.03	0.04	0.04	0.02
UTTAR PRADESH	SENEGAL	-	-	-	-	0.00	0.00	-
UTTAR PRADESH	SERBIA	-	0.02	0.01	0.01	0.02	0.01	0.05
UTTAR PRADESH	SEYCHELLES	-	-	0.00	-	0.00	0.00	0.00
UTTAR PRADESH	SINGAPORE	0.05	0.08	0.18	0.10	0.19	0.14	0.21
UTTAR PRADESH	SLOVAK REP	-	-	0.01	-	0.01	-	-
UTTAR PRADESH	SLOVENIA	0.01	0.01	-	0.00	-	-	-
UTTAR PRADESH	SOMALIA	-	-	-	-	-	-	0.00
UTTAR PRADESH	SOUTH AFRICA	0.01	0.02	0.02	0.02	0.01	0.01	0.00
UTTAR PRADESH	SPAIN	1.85	2.34	2.11	2.31	1.39	1.04	0.86
UTTAR PRADESH	SRI LANKA DSR	0.04	0.00	0.04	0.08	0.10	0.08	0.14
UTTAR PRADESH	ST KITT N A	-	-	-	-	0.00	-	-
UTTAR PRADESH	ST LUCIA	0.01	0.01	0.00	0.00	0.00	-	0.00
UTTAR PRADESH	SURINAME	-	-	0.00	-	-	-	-
UTTAR PRADESH	SWEDEN	0.02	0.03	0.02	0.03	0.05	0.03	0.06
UTTAR PRADESH	SWITZERLAND	0.16	0.10	0.18	0.13	0.11	0.09	0.07
UTTAR PRADESH	TAIWAN	0.09	0.03	0.00	0.03	0.05	0.02	0.00
UTTAR PRADESH	TAJIKISTAN	0.06	0.20	0.04	0.07	0.08	0.08	0.04
UTTAR PRADESH	THAILAND	0.08	0.14	0.22	0.17	0.01	0.01	0.01
UTTAR PRADESH	TRINIDAD	0.01	0.03	0.05	0.04	-	-	0.00
UTTAR PRADESH	TUNISIA	-	-	-	-	0.00	0.00	0.00
UTTAR PRADESH	TURKEY	0.02	0.02	0.05	0.03	0.02	0.02	0.05
UTTAR PRADESH	TURKMENISTAN	-	-	0.01	0.00	0.00	0.00	0.01
UTTAR PRADESH	U ARAB EMTS	1.41	1.26	0.95	1.39	0.91	0.83	1.15
UTTAR PRADESH	U K	0.25	0.35	0.34	0.41	0.24	0.20	0.06

UTTAR PRADESH	U S A	8.56	4.58	5.00	8.17	8.83	7.57	6.06
UTTAR PRADESH	UGANDA	-	-	-	-	0.01	0.00	-
UTTAR PRADESH	UKRAINE	0.00	0.01	0.02	0.03	0.02	0.02	-
UTTAR PRADESH	UZBEKISTAN	0.29	0.37	0.53	0.48	1.18	0.85	1.29
UTTAR PRADESH	VIETNAM SOC REP	0.03	0.06	0.02	0.11	0.03	0.03	0.01
UTTAR PRADESH	VIRGIN IS US	-	-	-	-	0.00	0.00	-
UTTAR PRADESH	YEMEN REPUBLC	0.01	-	-	-	-	-	-
UTTAR PRADESH	ZAMBIA	0.00	-	0.02	0.00	0.03	0.03	-
UTTAR PRADESH	ZIMBABWE	-	-	0.02	0.02	0.03	0.03	0.02
UTTARAKHAND	AFGHANISTAN	-	-	-	-	0.00	0.00	0.00
UTTARAKHAND	ANGOLA	-	-	-	-	0.00	0.00	0.06
UTTARAKHAND	AUSTRALIA	-	-	-	-	0.08	0.06	0.05
UTTARAKHAND	BAHARAIN IS	-	-	-	-	0.07	0.04	0.20
UTTARAKHAND	BANGLADESH PR	-	-	-	-	0.16	0.04	0.19
UTTARAKHAND	BELGIUM	-	-	-	-	0.00	0.00	0.00
UTTARAKHAND	BHUTAN	-	-	-	-	0.00	0.00	0.00
UTTARAKHAND	BOTSWANA	-	-	-	-	0.00	0.00	0.00
UTTARAKHAND	BULGARIA	-	-	-	-	0.01	0.01	0.00
UTTARAKHAND	CAMBODIA	-	-	-	-	0.00	0.00	0.00
UTTARAKHAND	CAMEROON	-	-	-	-	0.00	0.00	-
UTTARAKHAND	CANADA	-	-	-	-	0.07	0.06	0.05
UTTARAKHAND	CAYMAN IS	-	-	-	-	-	-	0.00
UTTARAKHAND	CHINA P RP	-	-	-	-	0.02	0.02	0.04
UTTARAKHAND	CZECH REPUBLIC	-	-	-	-	0.00	-	-
UTTARAKHAND	EGYPT A RP	-	-	-	-	0.00	0.00	-
UTTARAKHAND	ETHIOPIA	-	-	-	-	-	-	0.00
UTTARAKHAND	FINLAND	-	-	-	-	0.00	-	0.01
UTTARAKHAND	FRANCE	-	-	-	-	0.37	0.37	0.15
UTTARAKHAND	GEORGIA	-	-	-	-	0.04	0.03	0.14
UTTARAKHAND	GERMANY	-	-	-	-	0.03	0.03	-
UTTARAKHAND	GHANA	-	-	-	-	0.03	0.03	-
UTTARAKHAND	GRENADA	-	-	-	-	-	-	0.00
UTTARAKHAND	HAITI	-	-	-	-	0.02	0.02	-
UTTARAKHAND	HONG KONG	-	-	-	-	0.00	0.00	0.00
UTTARAKHAND	INDONESIA	-	-	-	-	0.12	0.10	0.38
UTTARAKHAND	IRAN	-	-	-	-	-	-	0.00
UTTARAKHAND	IRAQ	-	-	-	-	0.10	0.10	-
UTTARAKHAND	ISRAEL	-	-	-	-	-	-	0.00
UTTARAKHAND	KAZAKHSTAN	-	-	-	-	0.01	0.01	0.01

UTTARAKHAND	KENYA	-	-	-	-	0.28	0.00	0.75
UTTARAKHAND	KUWAIT	-	-	-	-	0.10	0.08	0.25
UTTARAKHAND	KYRGHYZSTAN	-	-	-	-	0.00	0.00	-
UTTARAKHAND	LATVIA	-	-	-	-	0.84	0.73	0.60
UTTARAKHAND	LEBANON	-	-	-	-	0.08	0.06	0.05
UTTARAKHAND	LESOTHO	-	-	-	-	0.00	0.00	-
UTTARAKHAND	LITHUANIA	-	-	-	-	0.00	-	0.02
UTTARAKHAND	MALAWI	-	-	-	-	0.01	0.00	0.00
UTTARAKHAND	MALAYSIA	-	-	-	-	0.17	0.14	0.17
UTTARAKHAND	MALDIVES	-	-	-	-	0.01	0.01	0.01
UTTARAKHAND	MALI	-	-	-	-	0.05	0.05	0.15
UTTARAKHAND	MAURITIUS	-	-	-	-	0.09	0.06	0.05
UTTARAKHAND	MYANMAR	-	-	-	-	0.01	0.01	-
UTTARAKHAND	NEPAL	-	-	-	-	2.85	2.73	0.82
UTTARAKHAND	NETHERLAND	-	-	-	-	0.01	0.01	0.37
UTTARAKHAND	NEW ZEALAND	-	-	-	-	0.02	0.02	0.00
UTTARAKHAND	NIGERIA	-	-	-	-	-	-	0.05
UTTARAKHAND	NORWAY	-	-	-	-	0.01	0.00	-
UTTARAKHAND	OMAN	-	-	-	-	0.00	0.00	0.00
UTTARAKHAND	PAKISTAN IR	-	-	-	-	0.00	0.00	0.00
UTTARAKHAND	PANAMA REPUBLIC	-	-	-	-	0.00	-	-
UTTARAKHAND	PHILIPPINES	-	-	-	-	0.00	0.00	0.01
UTTARAKHAND	POLAND	-	-	-	-	0.00	0.00	0.00
UTTARAKHAND	QATAR	-	-	-	-	0.07	-	0.12
UTTARAKHAND	ROMANIA	-	-	-	-	0.05	0.03	0.02
UTTARAKHAND	RUSSIA	-	-	-	-	0.06	0.04	0.10
UTTARAKHAND	SEYCHELLES	-	-	-	-	0.00	0.00	0.01
UTTARAKHAND	SINGAPORE	-	-	-	-	0.02	0.02	0.01
UTTARAKHAND	SOMALIA	-	-	-	-	0.00	-	0.00
UTTARAKHAND	SOUTH AFRICA	-	-	-	-	0.00	0.00	-
UTTARAKHAND	SOUTH SUDAN	-	-	-	-	-	-	0.00
UTTARAKHAND	SPAIN	-	-	-	-	0.00	0.00	0.00
UTTARAKHAND	SRI LANKA DSR	-	-	-	-	0.09	0.08	0.00
UTTARAKHAND	ST LUCIA	-	-	-	-	0.00	0.00	0.00
UTTARAKHAND	SUDAN	-	-	-	-	0.02	0.01	0.03
UTTARAKHAND	SURINAME	-	-	-	-	-	-	0.00
UTTARAKHAND	SWEDEN	-	-	-	-	0.00	-	-
UTTARAKHAND	SWITZERLAND	-	-	-	-	0.26	0.26	0.04
UTTARAKHAND	TAIWAN	-	-	-	-	0.00	0.00	-

UTTARAKHAND	TANZANIA REP	-	-	-	-	0.02	0.02	0.12
UTTARAKHAND	THAILAND	-	-	-	-	0.99	0.65	0.87
UTTARAKHAND	U ARAB EMTS	-	-	-	-	0.57	0.09	1.12
UTTARAKHAND	U K	-	-	-	-	0.10	0.09	0.03
UTTARAKHAND	U S A	-	-	-	-	0.15	0.13	0.05
UTTARAKHAND	UGANDA	-	-	-	-	0.00	0.00	0.01
UTTARAKHAND	UKRAINE	-	-	-	-	0.04	0.02	-
UTTARAKHAND	UZBEKISTAN	-	-	-	-	0.05	0.05	0.03
UTTARAKHAND	VANUATU REP	-	-	-	-	-	-	0.00
UTTARAKHAND	VIETNAM SOC REP	-	-	-	-	0.00	0.00	0.00
UTTARAKHAND	YEMEN REPUBLC	-	-	-	-	0.18	0.18	0.05
UTTARAKHAND	ZAMBIA	-	-	-	-	0.00	-	0.02
UTTARAKHAND	ZIMBABWE	-	-	-	-	0.00	0.00	0.00
UTTARANCHAL	AFGHANISTAN	-	0.01	-	-	-	-	-
UTTARANCHAL	ANGOLA	0.01	0.00	-	-	-	-	-
UTTARANCHAL	ARMENIA	-	0.00	-	-	-	-	-
UTTARANCHAL	AUSTRALIA	0.09	0.04	0.01	0.07	-	-	-
UTTARANCHAL	AUSTRIA	0.00	0.01	-	-	-	-	-
UTTARANCHAL	BAHARAIN IS	-	0.01	0.01	0.03	-	-	-
UTTARANCHAL	BANGLADESH PR	0.05	0.24	0.09	0.24	-	-	-
UTTARANCHAL	BELGIUM	0.03	0.03	0.02	0.06	-	-	-
UTTARANCHAL	BHUTAN	0.01	0.00	-	-	-	-	-
UTTARANCHAL	BOTSWANA	-	0.00	0.01	0.00	-	-	-
UTTARANCHAL	BULGARIA	-	0.01	0.01	0.02	-	-	-
UTTARANCHAL	CAMBODIA	0.00	-	-	-	-	-	-
UTTARANCHAL	CANADA	0.07	0.04	0.06	0.28	-	-	-
UTTARANCHAL	CHINA P RP	0.00	-	0.00	0.02	-	-	-
UTTARANCHAL	CONGO D. REP.	-	-	-	0.00	-	-	-
UTTARANCHAL	CONGO P REP	-	0.00	-	-	-	-	-
UTTARANCHAL	CZECH REPUBLIC	-	-	-	0.00	-	-	-
UTTARANCHAL	EGYPT A RP	-	-	-	0.00	-	-	-
UTTARANCHAL	FINLAND	-	-	-	0.01	-	-	-
UTTARANCHAL	FRANCE	0.00	-	-	-	-	-	-
UTTARANCHAL	GEORGIA	-	-	-	0.00	-	-	-
UTTARANCHAL	GERMANY	-	0.00	0.08	-	-	-	-
UTTARANCHAL	GHANA	-	0.00	-	-	-	-	-
UTTARANCHAL	GUINEA	-	0.01	-	-	-	-	-
UTTARANCHAL	HONG KONG	0.00	-	0.00	-	-	-	-
UTTARANCHAL	INDONESIA	-	0.05	0.00	0.03	-	-	-

UTTARANCHAL	ISRAEL	0.00	-	-	0.00	-	-	-
UTTARANCHAL	ITALY	0.00	-	-	-	-	-	-
UTTARANCHAL	JAPAN	0.01	-	-	-	-	-	-
UTTARANCHAL	KENYA	0.01	0.00	-	0.01	-	-	-
UTTARANCHAL	KUWAIT	0.07	0.06	0.09	0.03	-	-	-
UTTARANCHAL	LEBANON	-	-	0.03	0.06	-	-	-
UTTARANCHAL	MALAYSIA	0.02	0.01	0.19	0.21	-	-	-
UTTARANCHAL	MAURITIUS	0.01	0.00	0.00	0.01	-	-	-
UTTARANCHAL	MEXICO	0.00	-	-	-	-	-	-
UTTARANCHAL	MYANMAR	-	0.03	0.00	-	-	-	-
UTTARANCHAL	NEPAL	0.49	1.16	0.94	1.10	-	-	-
UTTARANCHAL	NETHERLAND	0.11	0.00	0.15	0.15	-	-	-
UTTARANCHAL	NEW ZEALAND	-	0.00	-	-	-	-	-
UTTARANCHAL	NIGERIA	-	-	-	0.04	-	-	-
UTTARANCHAL	NORWAY	-	0.00	0.00	0.00	-	-	-
UTTARANCHAL	OMAN	-	-	-	0.00	-	-	-
UTTARANCHAL	PHILIPPINES	-	0.07	0.07	0.01	-	-	-
UTTARANCHAL	POLAND	0.00	0.00	0.00	0.03	-	-	-
UTTARANCHAL	QATAR	0.03	0.02	0.00	0.01	-	-	-
UTTARANCHAL	ROMANIA	0.08	0.14	0.11	0.04	-	-	-
UTTARANCHAL	RUSSIA	1.07	0.06	0.03	0.08	-	-	-
UTTARANCHAL	SAUDI ARAB	0.00	-	-	-	-	-	-
UTTARANCHAL	SEYCHELLES	-	0.00	0.00	-	-	-	-
UTTARANCHAL	SINGAPORE	0.01	0.01	0.00	0.01	-	-	-
UTTARANCHAL	SPAIN	-	-	0.00	0.00	-	-	-
UTTARANCHAL	SRI LANKA DSR	0.00	0.00	0.04	0.08	-	-	-
UTTARANCHAL	SUDAN	0.01	0.03	0.01	0.06	-	-	-
UTTARANCHAL	SWEDEN	0.00	0.00	-	-	-	-	-
UTTARANCHAL	SWITZERLAND	0.01	0.06	0.03	0.03	-	-	-
UTTARANCHAL	TAIWAN	-	0.00	-	0.00	-	-	-
UTTARANCHAL	TANZANIA REP	-	0.02	-	-	-	-	-
UTTARANCHAL	THAILAND	-	-	0.15	0.49	-	-	-
UTTARANCHAL	U ARAB EMTS	0.07	0.03	0.01	0.04	-	-	-
UTTARANCHAL	U K	0.14	0.02	0.01	0.08	-	-	-
UTTARANCHAL	U S A	0.11	0.10	0.11	0.25	-	-	-
UTTARANCHAL	UGANDA	-	0.01	-	-	-	-	-
UTTARANCHAL	UKRAINE	0.01	0.01	0.01	0.07	-	-	-
UTTARANCHAL	UZBEKISTAN	0.03	-	-	-	-	-	-
UTTARANCHAL	VIETNAM SOC REP	-	0.01	-	0.00	-	-	-



UTTARANCHAL	YEMEN REPubLC	0.01	0.01	-	0.13	-	-	-
WEST BENGAL	AFGHANISTAN	0.00	-	-	-	-	-	-
WEST BENGAL	ARMENIA	0.02	0.01	-	-	0.00	-	-
WEST BENGAL	AUSTRALIA	0.00	0.02	0.02	0.01	0.01	0.01	0.04
WEST BENGAL	AZERBAIJAN	0.01	0.00	-	-	0.02	0.02	-
WEST BENGAL	BAHARAIN IS	-	0.00	-	-	-	-	-
WEST BENGAL	BANGLADESH PR	1.20	2.03	2.85	4.63	1.82	1.69	0.76
WEST BENGAL	BELGIUM	-	-	-	-	-	-	0.00
WEST BENGAL	BHUTAN	0.09	0.64	0.26	0.35	0.39	0.36	0.37
WEST BENGAL	BRUNEI	0.00	-	-	-	-	-	-
WEST BENGAL	BULGARIA	0.02	0.02	0.03	0.02	0.02	0.01	0.01
WEST BENGAL	CANADA	0.01	0.02	0.01	0.02	0.01	0.00	0.00
WEST BENGAL	CHILE	-	-	-	0.00	-	-	-
WEST BENGAL	CHINA P RP	0.00	0.00	0.07	1.85	5.62	4.10	5.63
WEST BENGAL	CONGO D. REP.	-	-	-	-	0.01	0.01	-
WEST BENGAL	CZECH REPUBLIC	-	0.00	-	-	-	-	-
WEST BENGAL	DENMARK	-	-	-	-	0.00	0.00	-
WEST BENGAL	ECUADOR	-	-	-	-	-	-	0.01
WEST BENGAL	ETHIOPIA	-	-	-	-	0.07	0.07	-
WEST BENGAL	FIJI IS	0.00	-	0.02	-	-	-	-
WEST BENGAL	FINLAND	-	-	-	-	0.02	0.02	-
WEST BENGAL	FRANCE	0.04	0.03	0.06	0.06	0.05	0.05	0.01
WEST BENGAL	GEORGIA	0.04	0.03	0.02	0.04	0.02	0.02	0.04
WEST BENGAL	GERMANY	0.09	0.06	0.07	0.04	0.01	0.01	0.01
WEST BENGAL	GHANA	0.00	0.00	0.00	0.02	0.01	0.01	0.01
WEST BENGAL	GUATEMALA	-	0.01	0.01	0.02	0.02	0.02	0.00
WEST BENGAL	HONG KONG	0.00	0.04	0.00	0.00	0.01	0.01	0.00
WEST BENGAL	HUNGARY	0.02	0.02	0.04	0.04	0.05	0.03	0.04
WEST BENGAL	INDONESIA	0.04	0.13	0.03	0.25	0.17	0.14	-
WEST BENGAL	IRAN	-	0.01	-	-	0.03	0.03	-
WEST BENGAL	ISRAEL	-	0.04	-	-	-	-	-
WEST BENGAL	ITALY	0.02	0.04	0.04	0.05	0.01	0.01	-
WEST BENGAL	JAPAN	0.02	0.01	0.00	0.01	0.01	0.01	-
WEST BENGAL	KAZAKHSTAN	0.07	0.03	0.03	0.00	0.01	0.00	-
WEST BENGAL	KENYA	0.22	0.14	0.20	0.13	-	-	-
WEST BENGAL	KOREA RP	0.02	0.00	-	-	0.02	0.02	0.01
WEST BENGAL	KUWAIT	0.03	-	0.01	0.00	0.01	0.01	0.01
WEST BENGAL	KYRGHYZSTAN	-	-	0.01	0.02	-	-	-
WEST BENGAL	LAO PD RP	-	-	-	-	0.11	0.11	-

WEST BENGAL	LATVIA	0.34	0.31	0.34	0.44	0.19	0.18	0.12
WEST BENGAL	LEBANON	-	-	-	0.00	-	-	-
WEST BENGAL	MALAYSIA	0.01	0.01	0.01	0.02	0.01	0.01	-
WEST BENGAL	MALDIVES	0.02	0.01	0.00	0.00	-	-	-
WEST BENGAL	MAURITIUS	0.04	0.03	0.05	0.02	0.02	0.01	0.02
WEST BENGAL	MOROCCO	0.02	-	-	-	-	-	-
WEST BENGAL	MYANMAR	0.01	0.01	0.01	0.61	-	-	0.00
WEST BENGAL	NAMIBIA	0.01	-	-	-	-	-	-
WEST BENGAL	NEPAL	0.61	0.11	0.14	0.49	2.35	2.25	1.12
WEST BENGAL	NETHERLAND	0.00	0.01	0.05	0.00	0.01	0.01	-
WEST BENGAL	NEW ZEALAND	0.02	0.01	0.02	0.01	0.01	0.01	0.01
WEST BENGAL	NIGERIA	0.03	-	0.04	0.05	-	-	0.07
WEST BENGAL	OMAN	0.02	0.01	-	-	0.00	0.00	-
WEST BENGAL	PAKISTAN IR	0.04	0.49	0.04	-	-	-	-
WEST BENGAL	PAPUA N GNA	-	-	-	-	-	-	0.01
WEST BENGAL	POLAND	-	-	-	-	-	-	0.05
WEST BENGAL	QATAR	0.03	-	-	-	-	-	0.00
WEST BENGAL	ROMANIA	-	-	-	-	-	-	0.03
WEST BENGAL	RUSSIA	0.31	0.51	0.30	0.31	0.29	0.29	0.27
WEST BENGAL	SAUDI ARAB	0.01	0.00	-	-	-	-	-
WEST BENGAL	SERBIA	0.00	0.02	0.02	0.02	0.01	0.01	0.01
WEST BENGAL	SEYCHELLES	-	0.00	-	-	0.00	0.00	0.00
WEST BENGAL	SINGAPORE	0.04	0.03	0.00	0.00	-	-	0.00
WEST BENGAL	SLOVENIA	0.01	0.00	0.00	0.01	0.01	0.01	0.01
WEST BENGAL	SOUTH AFRICA	0.07	0.15	0.04	0.04	0.15	0.08	0.00
WEST BENGAL	SPAIN	-	-	0.00	0.00	-	-	0.00
WEST BENGAL	SRI LANKA DSR	0.07	0.02	0.01	0.05	0.03	0.03	0.07
WEST BENGAL	ST KITT N A	-	-	-	-	-	-	0.00
WEST BENGAL	ST LUCIA	-	-	-	-	-	-	0.00
WEST BENGAL	SUDAN	0.06	-	0.07	0.00	0.04	0.04	0.06
WEST BENGAL	SURINAME	0.00	-	-	-	0.01	0.01	-
WEST BENGAL	SWEDEN	-	-	-	-	0.00	-	-
WEST BENGAL	SWITZERLAND	0.01	0.01	-	0.01	0.00	-	0.00
WEST BENGAL	TAJIKISTAN	0.04	0.02	0.02	0.02	0.02	0.02	0.01
WEST BENGAL	THAILAND	-	-	-	2.30	2.40	2.40	0.00
WEST BENGAL	TRINIDAD	0.00	-	-	-	-	-	-
WEST BENGAL	TUNISIA	-	0.00	-	-	-	-	-
WEST BENGAL	U ARAB EMTS	0.72	0.09	0.06	0.10	0.20	0.12	0.12
WEST BENGAL	U K	0.00	0.00	0.01	0.00	0.01	0.01	0.02

WEST BENGAL	U S A	0.04	0.13	0.08	0.04	0.16	0.16	0.09
WEST BENGAL	UGANDA	-	-	0.07	-	-	-	-
WEST BENGAL	UKRAINE	0.16	0.24	0.22	0.10	0.25	0.19	0.00
WEST BENGAL	UZBEKISTAN	0.03	-	-	-	-	-	-
WEST BENGAL	VIETNAM SOC REP	5.25	6.33	7.88	8.89	6.34	6.34	-
WEST BENGAL	YEMEN REPUBLC	0.00	0.00	0.00	0.00	-	-	-
<b>Grand Total</b>	<b>-</b>	<b>456.12</b>	<b>448.07</b>	<b>428.07</b>	<b>539.88</b>	<b>612.12</b>	<b>497.35</b>	<b>518.44</b>
						Source: DGCIS		

**A Note on the compilation of State of Origin-wise Export data**

State wise export data are compiled by DGCIS on the basis of State Codes reported by the exporters in the shipping bills with the customs authority. While filing such shipping bills, exporters are to report such State of Origin Codes where the item is originated (produced).

The primary source of data in the form of shipping bill is generated in customs from where DGCIS sources export data in the form of Daily Trade Return (DTR) as secondary source of data. DGCIS does not validate the State Codes given by the exporters.

**GOVERNMENT OF INDIA  
MINISTRY OF AYUSH**

**LOK SABHA  
UNSTARRED QUESTION NO. 4120  
ANSWERED ON 24<sup>th</sup> March , 2023**

**AYUSH Treatment Facilities in Rural Areas**

4120. SHRIMATI SANGEETA AZAD:

Will the Minister of AYUSH be pleased to state:

(a) the details of AYUSH treatment facilities available in the rural areas of the country including Uttar Pradesh;

(b) the funds allocated and released for the same during the last three years;

(c) the measures taken/being taken by the Government to augment and facilitate the expansion of these facilities in the State of Uttar Pradesh;

(d) whether the Government proposes to promote the Indian system of medicine internationally due to its affordability and effectiveness in the treatment of chronic diseases; and

(e) if so, the details thereof?

**ANSWER**  
**THE MINISTER OF AYUSH**  
**(SHRI SARBANANDA SONOWAL)**

(a) to (c) Public Health being a State subject, the primary responsibility to provide AYUSH treatment facilities in the States/UTs including rural areas of the Country including Uttar Pradesh lies with the respective State/UT Governments. However, under the Centrally Sponsored Scheme of the National AYUSH Mission (NAM), there is provision of financial assistance for setting up of up to 50/30/10 bedded integrated AYUSH hospitals, upgradation of standalone Government AYUSH hospitals & dispensaries, co-location of AYUSH facilities at Primary Health Centres (PHCs), Community Health Centres (CHCs) and District Hospitals (DHs) for providing AYUSH treatment facilities in the States/UTs covering rural areas of the country including Uttar Pradesh. Grant-in-aid of Rs.494.91 Crore, Rs.397.18 Crore and Rs.458.38 Crore has been released during 2019-20, 2020-21 and 2021-22 respectively for different activities of NAM as per proposal received from State/UT Governments including Uttar Pradesh.

(d) & (e) The Ministry has developed a Central Sector Scheme for the Promotion of International Co-operation in AYUSH (IC Scheme) under which the Ministry of Ayush provides support to Indian Ayush drug Manufacturers/ Ayush Service providers to give boost to the export of AYUSH products & services; facilitates the International promotion, development and recognition of AYUSH system of medicine; foster interaction of stakeholders and market development of AYUSH at international level; promote academics and research through the establishment of AYUSH Academic Chairs in foreign countries and holding training workshop/symposiums for promoting and strengthening awareness and interest about AYUSH Systems of Medicine at international level.

The Ministry of Ayush has taken the following steps towards the international recognition for AYUSH systems of medicine:

- Signed 24 Country to Country MoUs for Cooperation in field of Traditional Medicine and Homoeopathy with foreign nations.
- Signed 40 MoUs with international institutes for undertaking Collaborative Research / Academic collaboration.
- Signed 15 MoUs with international institutes for setting up of AYUSH Academic Chairs in foreign nations.
- Supported the establishment of 39 Ayush Information Cells in 35 foreign nations.
- Offers scholarships to foreign nationals for undertaking AYUSH courses in recognized AYUSH institutions in India under International Ayush Fellowship/Scholarship Programme.
- In cooperation with QCI, got developed Quality Certification programme viz. Ayush mark and Premium mark to increase the reliability of standards of ASU&H Products.

- Given WHO-GMP (COPP) to 31 Ayurvedic Drug manufacturers to facilitate the export of Ayurveda, Siddha, and Unani & Homoeopathy Drugs.
- Signed an agreement with WHO to establish WHO-GCTM in Jamnagar, Gujarat, the ground-breaking Ceremony of which was attended by the Hon'ble Prime Minister of India, Director General of WHO and other esteemed dignitaries on 19.04.2022 in Jamnagar, Gujarat. This Centre aims to provide support to implement WHO's traditional medicine strategy (2014-23) and to support nations in developing policies & action plans to strengthen the role of traditional medicine as part of their journey to universal health coverage.
- Supported the establishment of Ayush Export Promotion Council (Ayushexcil) to promote the export of AYUSH products/ medicines as well as AYUSH services. This was launched by the Hon'ble Prime Minister on 20th April 2022 at Global Ayush Innovation and Investment Summit in Gandhinagar (Gujarat).

**GOVERNMENT OF INDIA  
MINISTRY OF AYUSH**

**LOK SABHA  
UNSTARRED QUESTION NO. 4122  
ANSWERED ON 24<sup>th</sup> MARCH, 2023**

**AYUSH System of Medicine**

†4122. SHRI Y. DEVENDRAPPA:  
SHRI DEVJI M. PATEL:  
SHRIMATI MALA RAJYA LAXMI SHAH:  
SHRI DILIP SAIKIA:  
SHRI KUNWAR PUSHPENDRA SINGH CHANDEL:  
SHRI RANJEETSINGH NAIK NIMBALKAR:

Will the Minister of AYUSH be pleased to state:

(a) whether the Government is taking steps to further expand AYUSH services in the country and if so, the details thereof;

(b) whether Government is formulating an action plan to promote the AYUSH system of medicine and if so, the details thereof;

(c) the number of AYUSH centres proposed to be set up in various States, district-wise and the

details of funds allocated and released to such AYUSH centres during the last three years along with the present status thereof; and

(d) the steps being taken by the Government to increase the number of AYUSH doctors and to fill the vacant posts in the Ministry of AYUSH?

**ANSWER**  
**THE MINISTER OF AYUSH**  
**(SHRI SARBANANDA SONOWAL)**

(a) & (b) Ministry of Ayush is implementing the Centrally Sponsored Scheme of National AYUSH Mission (NAM) through State/UT Governments and supporting their efforts for overall development & promotion and expansion of AYUSH services in the country by providing financial assistance to them under different activities as per the provision of NAM guidelines. The Mission inter-alia makes provision for the following activities: -

(i) AYUSH Health & Wellness Centres

(ii) Co-location of AYUSH facilities at Primary Health Centres (PHCs), Community Health Centres (CHCs) and District Hospitals (DHs)

(iii) Upgradation of existing standalone Government AYUSH Hospitals

(iv) Upgradation of existing Government/Panchayat/Government aided AYUSH Dispensaries/ Construction of building for existing AYUSH Dispensary (Rented/ dilapidated accommodation)/ Construction of building to establish new AYUSH Dispensary in the area where there are no AYUSH facilities available

(v) Setting up of upto 10/30/50 bedded integrated AYUSH Hospitals

(vi) Supply of essential drugs to Government AYUSH Hospitals, Government Dispensaries and Government/Government aided Teaching Institutional AYUSH Hospitals

(vii) AYUSH Public Health Programmes

(viii) Behaviour Change Communication (BCC)

(ix) Mobility support at State and District level

(x) AYUSH Gram

(xi) Establishment of new AYUSH colleges in the States where availability of AYUSH teaching institutions is inadequate in Government Sector

(xii) Infrastructural development of AYUSH Under-Graduate Institutions

(xiii) Infrastructural development of AYUSH Post-Graduate Institutions/ add on PG/ Pharmacy /Para-Medical Courses.

State/UT Governments may avail the eligible financial assistance by submitting the suitable proposals through State Annual Action Plans (SAAPs) as per the NAM guidelines. Under NAM, Ministry of Ayush has released an amount of Rs. 3457.04 crores since inception to till date as per the proposals submitted by the State/UT Governments through SAAPs.

Further, Ministry has signed Memorandums of Understanding (MoUs) with Ministry of Defence to integrate Ayurveda in the health establishments under Directorate General Armed Forces Medical Services (DGAFMS) and Directorate General Defence Estates (DGDE) under Ministry of Defence (MoD). As per the MoUs, total 49 Ayurveda units have been started under MoD; 37 Cantonment Board Hospitals/ Dispensaries under DGDE in various Cantonments and 12 Service Hospitals under the Armed Forces Medical Services.

(c) Public Health being a State subject, setting up of AYUSH centres comes under the purview of the respective State/UT Government. However, under NAM there is provision of financial assistance to State/UT Governments for setting up of 50/30/10 bedded Integrated AYUSH Hospitals. Under, NAM the Ministry of Ayush has approved 108 units of Integrated Ayush hospitals as per the proposals received from the State/UT Governments through SAAPs since 2014-15 to 2021-22. Details of the funds allocated for setting Integrated AYUSH hospitals during the last three years (2019-20 to 2021-22) and present status thereof is furnished in **Annexure**.

(d) In the Ministry of Ayush, the appointment of Ayush Doctors is being done on the recommendations of Union Public Service Commission (UPSC) in various streams viz. Ayurveda, Homoeopathy, Unani and Siddha at the level of Medical Officer/Research Officer. Based on the vacancies, Ministry of Ayush from time to time sends requisition to UPSC for recruitment of Ayush Doctors. Lately, UPSC has recommended 37 Ayurveda, 36 homoeopathy and 06 Unani Doctors for the post of Medical Officer/research Officer in the Ministry of Ayush.

**Annexure**

**Details of the funds allocated for setting Integrated AYUSH hospitals during the last three years (2019-20 to 2021-22) and present status thereof:**

**(Rs. in Lakhs)**

<b>Sl. No.</b>	<b>State/UT</b>	<b>Location of Integrated Ayush Hospital</b>	<b>Amount Approved during 2019-20</b>	<b>Amount Approved during 2020-21</b>	<b>Amount Approved during 2021-22</b>	<b>Present status of Integrated Ayush Hospital</b>
1	Andaman & Nicobar Islands	Port Blair	35.00	72.40	0.00	Under construction
2	Andhra Pradesh	Kakinada	254.97	0.00	0.00	Construction not started
		Visakhapatnam	109.43	0.00	0.00	Construction not started
3	Assam	Majuli	0.00	0.00	10.00	Construction completed
4	Bihar	Patna	200.00	0.00	0.00	Under construction
5	Chhattisgarh	Jangir Champa	0.00	255.50	0.00	Under construction
		Mahasamund	0.00	255.50	0.00	Under construction
		Koria	0.00	255.50	0.00	Under construction
		Korba	0.00	255.50	0.00	Under construction
		Kanker	0.00	255.50	0.00	Under construction
		Narayanpur	0.00	255.50	0.00	Under construction
		Bijapur	0.00	255.50	0.00	Under Construction
		Dantewada	0.00	255.50	0.00	Under construction



		Raipur	0.00	0.00	300.00	Under construction
		Bilaspur	0.00	0.00	300.00	Under construction
		Durg	0.00	0.00	300.00	Under construction
		Sarguja District Headquarter	0.00	0.00	300.00	Under Construction
		Dalli Rajhara	0.00	0.00	255.00	Under construction
6	Haryana	Hisar	442.00	0.00	0.00	Under construction
7	Jammu & Kashmir	Kishtwar	100.00	0.00	0.00	Under construction
		Kupwara	100.00	127.08	89.31	Under construction
		Bilawar	0.00	150.00	89.31	Under construction
		Kulgam	0.00	127.08	89.31	Under construction
		Samba	0.00	100.00	0.00	Under construction
8	Jharkhand	Ranchi	600.00	0.00	0.00	Construction not Started
9	Karnataka	Gadag	100.00	100.00	0.00	Functional
		Mangalore	141.00	59.00	0.00	Functional
10	Kerala	Chalakydy, Thrissur District	0.00	100.00	0.00	Under construction
	Kerala	Mattannur, Kannur	100.00	433.33	0.00	Under construction
11	Maharashtra	Nandurbar	325.00	0.00	0.00	Under construction
		Sindhudurg	325.00	0.00	0.00	Under construction
		Pune	325.00	0.00	0.00	Under construction
		Ahmednagar	325.00	0.00	0.00	Under construction

12	Manipur	Keirao, Imphal East District	37.80	100.00	0.00	Functional
13	Madhya Pradesh	Bhopal	0.00	200.00	0.00	Functional
		Narsinghpur	0.00	0.00	200.00	Under construction
		Balaghat	0.00	0.00	50.00	Under construction
		Sehore	0.00	0.00	50.00	Under construction
14	Meghalaya	Sohra (Cherapunje), East Khasi Hills	0.00	0.00	450.50	Under construction
	Meghalaya	Umtrew Village, Rhi Bhoi District,	100.00	0.00	575.00	Under Construction
15	Mizoram	Aizawl	0.00	69.61	0.00	Under construction
16	Nagaland	Noklak, Tuensang District	97.72	0.00	0.00	Functional
		Razha, Chedema	100.00	30.84	119.16	Functional
		Sapangya (Chungtia)	100.00	0.00	0.00	Under construction
		Yachem, Longleng	100.00	0.00	0.00	Under construction
17	Odisha	Dhenkanal	300.00	0.00	0.00	Under construction
		Balasore	100.00	0.00	0.00	Under construction
18	Puducherry	Villianur	0.00	50.00	209.05	Under construction
		Yanam	108.00	28.60	180.74	Under construction
19	Rajasthan	Sikar	450.00	0.00	0.00	Under construction
20	Uttar Pradesh	Sirathu Koushambi	0.00	145.00	0.00	Functional
		Sonbhadra	0.00	145.00	0.00	Functional
		Orai Jalaun	0.00	145.00	0.00	Construction completed
		Sant Kabir Nagar	0.00	145.00	0.00	Functional

		Saharanpur	0.00	145.00	0.00	Under construction
		Deoria	0.00	145.00	0.00	Functional
		Lalitpur	0.00	145.00	0.00	Functional
		Amethi	0.00	145.00	0.00	Functional
		Kanpur Dehat	0.00	145.00	0.00	Functional
		Firozpur, Balua District	0.00	145.00	0.00	Under construction
		Raebareli	0.00	300.00	161.64	Under construction
		Baghpat	0.00	300.00	162.35	Under construction
		Fatehpur	0.00	300.00	210.35	Under construction
		Shravasti	0.00	212.93	0.00	Under construction
		Unnao	0.00	212.93	0.00	Under construction
		Hardoi	0.00	0.00	265.00	Under construction
		Gorakhpur	0.00	0.00	265.00	Under construction
		Sambhal	0.00	0.00	265.00	Under construction
21	West Bengal	Paschim Midnapore	200.00	0.00	0.00	Functional
			<b>5175.918</b>	<b>6567.785</b>	<b>4896.701</b>	

**GOVERNMENT OF INDIA  
MINISTRY OF AYUSH**

**LOK SABHA  
UNSTARRED QUESTION NO. 4126  
TO BE ANSWERED ON 24<sup>th</sup> March, 2023**

**“Indigenous Medicines”**

**4126. SHRI OMPRAKASH BHUPALSINH  
ALIAS PAWAN RAJENIMBALKAR:**

**DR. SANGHMITRA MAURYA:**

**SHRI SANJAY JADHAV:**

Will the Minister of AYUSH be pleased to state:

- (a) the details of indigenous medicines whose approval is pending with the Government during the last three years and the current year;
- (b) whether applications for approval for many medicines are pending with the Government since a long time and a very few medicines have been approved; and
- (c) if so, the details thereof along with the list of AYUSH medicines approved, rejected and pending for approval during the last three years?

**ANSWER**

**THE MINISTER OF AYUSH  
(SHRI SARBANANDA SONOWAL)**

(a) to (c) As prescribed in Drugs and Cosmetics Act 1940 and Rules 1945 made thereunder, enforcement of the legal provisions pertaining to Quality Control and issuance of drug license of Ayurveda, Siddha, Unani and Homoeopathy drugs, is vested with the State Drug Controllers/ State Licensing Authorities appointed by the concerned State/ Union Territory Government. Rule 158-B in the Drugs and Cosmetics Rules, 1945 provides the regulatory guidelines for issue of license to manufacture Ayurvedic, Siddha, Unani medicines and Rule 85 (A to I) in the Drugs and Cosmetics Rules, 1945 provides the regulatory guidelines for issue of license to manufacture Homoeopathy medicines. It is mandatory for the manufacturers to adhere to the prescribed requirements for licensing of manufacturing units & medicines including proof of safety & effectiveness, compliance with the Good Manufacturing Practices (GMP) as per Schedule T & Schedule M-I of Drugs and Cosmetics Rules, 1945 and quality standards of drugs given in the respective pharmacopoeia.

Ministry of Ayush has set up a Interdisciplinary Technical Review Committee (ITRC) for the examination of the applications/ claims on patent & proprietary (Ayurveda, Siddha, Unani & Homoeopathy) ASU&H medicines/classical ASU&H medicines with new indication or Re-purposing of licensed P&P, ASU&H medicines for Covid-19 and label claim for Covid-19. The details of total number of applications/claims received, Applications / claims were not put before the ITRC as no detailed documents were provided by the applicant, applications/claims discussed in ITRC, not recommended, pending and recommended are as follows:

Total no. of applications/claims received	101
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No. of applications / claims were not put before the ITRC as no detailed documents were provided by the applicant.	50
No. of applications / claims discussed in ITRC	51
No. of applications/Claims not recommended	47
No. of applications pending at the end of applicant.	01
No. of applications/Claims recommended.	03

As per the information received from State/UT government, the detailed list of AYUSH medicines approved, rejected and pending for approval during the last three years are as follows -

S.no .	Name of the State/UT	<b>Detailed list of AYUSH medicines approved, rejected and pending for approval during the last three years</b>				
20.	Andhra Pradesh	Eye drops and P, K, L, F of Sri. B. Anandaih of Mutthukura Mandal of Nellore Dist. which were claimed to have high success rate in Covid-19 were rejected for not complying with the Pharmacopoeial standards prescribed by PCIM&H and Pharmaceutical standards prescribed by Ayurvedic texts and also the statutory standards prescribed by D&C Act, 1940 and Rules thereunder.				
21.	Tamil Nadu	Year	No. of ASU applications received	No. of ASU applications approved	No. of ASU pending applications	No. of ASU rejected applications
		2020	45	40	2	3
		2021	37	32	5	-
		2022	64	60	4	-
		2023 (up to 28.02.2023)	7	3	4	-
22.	Karnataka	Approval of 95 Ayush medicines is pending and 51 Ayush medicines have been rejected. From January 2020 to March, 2023, 3930 Ayush products have been approved.				
23.	Odisha	Year	No. of applications for Ayurvedic medicines approved	No. of applications for Ayush medicines rejected	No. of applications for Ayush medicines pending for approval	

		2020	13	1	NIL																														
		2021	16	1	NIL																														
		2022	15	1	NIL																														
24.	Uttarakhand	<ul style="list-style-type: none"> <li>In year 2020-21, approximately 3000 Ayurvedic Patent &amp; Proprietary Products approved, no application is pending and rejected.</li> <li>In year 2021-22, approximately 2500 Ayurvedic Patent &amp; Proprietary Products approved, no application is pending and rejected.</li> <li>In current year 2022-23 approximately 2600 Ayurvedic Patent &amp; Proprietary Products approved, no application is pending and rejected.</li> </ul>																																	
25.	Uttar Pradesh	37 applications from last three years and 118 applications in current year are pending for approval. 220 Ayush medicines applications registered for approval 183 got approved and 37 applications are pending for approval.																																	
26.	Kerala	<p>Details of applications pending for approval is as follows-</p> <table border="1"> <thead> <tr> <th>Year</th> <th>Pending approval</th> </tr> </thead> <tbody> <tr> <td>2020</td> <td>9</td> </tr> <tr> <td>2021</td> <td>12</td> </tr> <tr> <td>2022</td> <td>16</td> </tr> <tr> <td>2023</td> <td>12</td> </tr> </tbody> </table> <p>Details of no. Ayush medicines pending, approved and rejected are as follows -</p> <table border="1"> <thead> <tr> <th>Year</th> <th>Pending</th> <th>Approved</th> <th>Rejected</th> </tr> </thead> <tbody> <tr> <td>2020</td> <td>45</td> <td>900</td> <td>0</td> </tr> <tr> <td>2021</td> <td>60</td> <td>1415</td> <td>0</td> </tr> <tr> <td>2022</td> <td>75</td> <td>1546</td> <td>0</td> </tr> <tr> <td>Total</td> <td>180</td> <td>3861</td> <td>0</td> </tr> </tbody> </table>				Year	Pending approval	2020	9	2021	12	2022	16	2023	12	Year	Pending	Approved	Rejected	2020	45	900	0	2021	60	1415	0	2022	75	1546	0	Total	180	3861	0
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Total	180	3861	0																																
27.	Maharashtra	<p>No applications for approval of indigenous medicines are pending during the last 03 years. The details of indigenous medicines approved, rejected and pending for approval is as follows -</p> <table border="1"> <thead> <tr> <th>Period</th> <th>1 Jan 2020 to 31 Dec 2020</th> <th>1 Jan 2021 to 31 Dec 2021</th> <th>1 Jan 2022 to 31 Dec 2022</th> <th>1 Jan 2023 to 31 Dec 2023</th> </tr> </thead> <tbody> <tr> <td><b>Granted</b></td> <td>9521</td> <td>6967</td> <td>6465</td> <td>6979</td> </tr> <tr> <td><b>Rejected</b></td> <td>636</td> <td>506</td> <td>435</td> <td>354</td> </tr> <tr> <td><b>Ongoing</b></td> <td>0</td> <td>0</td> <td>1763</td> <td>2295</td> </tr> </tbody> </table>				Period	1 Jan 2020 to 31 Dec 2020	1 Jan 2021 to 31 Dec 2021	1 Jan 2022 to 31 Dec 2022	1 Jan 2023 to 31 Dec 2023	<b>Granted</b>	9521	6967	6465	6979	<b>Rejected</b>	636	506	435	354	<b>Ongoing</b>	0	0	1763	2295										
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28.	Goa	No applications are pending																																	
29.	Manipur	NIL																																	
30.	Ladakh	NIL																																	

31.	Jammu & Kashmir	NIL
32.	Arunachal Pradesh	NIL
33.	Puducherry	NIL
34.	Bihar	NIL
35.	Chandigarh	NIL
36.	Tripura	NIL
37.	Lakshadweep	UT of Lakshadweep does not have any manufacturing unit for Ayush medicines.
38.	Chhattisgarh	NIL
39.	Delhi	NIL
40.	Mizoram	NIL
41.	West Bengal	NIL
42.	Himachal Pradesh	NIL
43.	Jharkhand	NIL
44.	Haryana	NIL
45.	Gujarat	NIL

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**GOVERNMENT OF INDIA  
MINISTRY OF AYUSH  
LOK SABHA  
UNSTARRED QUESTION NO.4138  
TO BE ANSWERED ON 24<sup>th</sup> MARCH, 2023**

**“National Institute for Sowa -Rigpa”**

**4138 SHRI RAJVEER SINGH (RAJU BHAIYA)**  
**SHRI BHOLA SINGH**  
**DR. SUKANTA MAJUMDAR**  
**SHRI RAJA AMARESHWARA NAIK**  
**SHRI VINOD KUMAR SONKAR**

Will the Minister of AYUSH be pleased to state:

- (a) whether the Government has established the National Institute for Sowa- Rigpa in the country;
- (b) if so, the details thereof and its achievements so far, State/UT-wise;
- (c) whether the Government has any schemes to promote research in traditional system of medicine in Himalayan region;
- (d) if so, the details thereof; and
- (e) the other measures taken by the Government for development and promotion of Sowa-Rigpa system of medicine in the country?

**ANSWER**

**THE MINISTER OF AYUSH**  
**(SHRI SARBANANDA SONOWAL)**

- (a) Yes Sir.

The Union Cabinet approved the establishment of National Institute of Sowa Rigpa (NISR) at Leh, U.T. of Ladakh on 20<sup>th</sup> November, 2019, as an Autonomous Body under the Ministry of Ayush, Government of India.

- (b) The Institute was formally registered under Societies Registration Act of Union Territory of Ladakh on 13<sup>th</sup> April, 2020. The Ladakh Autonomous Hill Development Council, Leh allotted a land measuring 120 kanal. at Saboo-thang area of Leh. The Institute had started functioning from November, 2020.

Achievement so far :



- Inclusion of Bachelor of Sowa-Rigpa Medicines & Surgery (BSRMS) course under section 22 of UGC.
- University Affiliation of U.G. course with University of Ladakh.
- Got permission to start U.G. course in Sowa –Rigpa by National Commission for Indian System of Medicine (NCISM)..
- Started Class for the first batch of Bachelor of Sowa-Rigpa Medicine & Surgery course from March 2022 with an intake of 10 students.
- Appointment of Full time Director for the Institute from 10<sup>th</sup> November 2022.
- Class started for the 2<sup>nd</sup> batch of UG course from March 2023 with 9 students.
- Academic Block, Hostels and 45 bedded Hospital are under construction at new 15 acre Campus.

(c)&(d) The Central Council for Research in Ayurvedic Sciences (CCRAS) is promoting research in traditional system of medicine in Himalayan region, through its Eight (08) peripheral Institutes/ Centres in Himalayan region – Regional Ayurveda Research Institute(s) located at Jammu, Mandi(HP), Ranikhet(Uttarakhand), Gangtok(Sikkim), Itanagar(AP), Guwahati(Assam), Dimapur(Nagaland) and Agartala(Tripura). National Institute of Sowa Rigpa as part of promoting research has documented a few folklore claims, through Tribal Health Care Research Programme and have also published Research Papers in journals and presented in seminars/webinars/ worksops etc. The Institute is planning to conduct research programs in Himalayan regions, through Survey and documentation of Himalayan Medicine Plants used in Sowa-Rigpa, Sowa – Rigpa formulations and scientific validation of Sowa-Rigpa knowledge.

(e) NISR is planning to conduct Workshops/Seminars/webinars etc. in the Himalayan belt and in other parts of the Country, for development and promotion of Sowa-Rigpa system of medicine.

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**GOVERNMENT OF INDIA  
MINISTRY OF AYUSH  
LOK SABHA  
UNSTARRED QUESTION NO-4140  
ANSWERED ON 24/03/2023**

**“First B2B Global Conference & Expo on Traditional Medicines”**

**4140. SHRI BIDYUT BARAN MAHATO:**

**SHRI SANJAY SADASHIVRAO MANDLIK:**

**SHRI SUDHEER GUPTA:**

**SHRI SHRIRANG APPA BARNE:**

**SHRI DHAIRYASHEEL SAMBHAJIRAO MANE:**

**SHRI PRATAPRAO JADHAV:**

Will the **Minister of Ayush** be pleased to state:

- (a) whether the Government has recently inaugurated the first B2B Global Conference & Expo on Traditional Medicines under Shanghai Cooperation Organization (SCO) at Guwahati in a bid to promote traditional medicines at the global level;
- (b) if so, the details thereof along with the total number of delegates from various SCO countries who participated in the said conference;
- (c) whether the country is emerging as a hub of traditional medicines in the world, if so, the details of business likely to be done in the field of traditional medicines during the current fiscal year and the ensuing three years;

(d) whether the Government proposes to promote traditional systems of medicine to provide healthcare to countrymen as well as towards achieving the goal of Universal Health Coverage, if so, the details thereof; and

(e) whether the said Expo is likely to open up more trade opportunities in traditional medicines and if so, the details thereof?

## **ANSWER**

### **THE MINISTER OF AYUSH (SHRI SARBANANDA SONOWAL)**

(a) & (b) Yes. The Ministry of Ayush organized the B2B Conference under the Shanghai Cooperation Organization (SCO) on Traditional Medicine from 02nd to 03rd March, 2023 in Guwahati (Assam). The Conference was inaugurated by the Hon'ble Union Minister of Ayush Shri Sarbananda Sonowal. The event witnessed active participation of the H.E. Dr. Thet Khaing Win, Hon'ble Union Minister of Health, Myanmar, Dr. Munjapara Mahendrabhai, Hon'ble Minister of State for Ayush and H.E. Safiyya Mohamed Saeed, Deputy Minister of Health, Ministry of Health, Maldives.

This Conference was attended by a total of 214 participants, out of which 83 were international delegates (including the Health Minister of Myanmar and the Deputy Health Minister of Maldives) from 16 SCO Countries and 131 were Indian delegates. A total of 30 presentations have been made during the said event of which 19 were from SCO Countries i.e. Kazakhstan, China, Pakistan, Tajikistan, Uzbekistan, Myanmar, Mongolia, Bahrain, Sri Lanka, Nepal and Maldives and 11 presentations were also delivered by the Indian side i.e. 06 by the Ministry of Ayush's officials and 05 by the Indian Industry

representatives. A total of 11 sessions were held during the said conference. Along with the B2B conference, a B2B Expo was also organized in Guwahati w.e.f. 02<sup>nd</sup> to 5<sup>th</sup> March, 2023.

(c) Yes. The country is emerging as a hub of traditional medicines in the world. The value of export of Ayush & Herbal products for the current FY i.e. 2022-23 (upto January, 2023) is USD 518.44 Million and keeping in view that the growth rate of export of Ayush and Herbal Products to various foreign countries during the period FY 2017-18 To FY 2021-22 has been 34.20 percent, the same growth momentum is expected to continue in the years to come (source: DGCIS)

(d) Following are the initiatives/achievements undertaken by the Ministry of Ayush towards the promotion of traditional systems of medicine to provide healthcare to countrymen as well as achieving the goal of Universal Health Coverage:

- **National Institutes and Research Councils:** A Network of 13 National Institutes, 05 Research Councils and 88 regional units of Research Councils has been established by the Ministry of Ayush for providing healthcare facilities to the countrymen as well as for the global recognition of the Ayush system of Medicine:
- **National Ayush Mission (NAM):** Ministry of Ayush is implementing the Centrally Sponsored Scheme of National Ayush Mission (NAM) through State/UT Governments & supporting their efforts for the development and promotion of Ayush system by providing financial assistance under different activities as per the provision of NAM guidelines to provide health care facilities through Ayush system of medicines for achieving the goal of Universal Health Coverage.
- **Integration of AYUSH services in Ayushman Bharat:** Ayush is managing 9889 HWCs to offer AYUSH health services and wellness interventions as part of

Comprehensive Primary Healthcare and the same have been provided with financial assistance.

- **Ayush initiatives with other Ministries:** The Ministry of Ayush has taken crucial policy measures to promote the traditional system of medicines in the country i.e. constitution of the National Commission for Indian System of Medicine, MoUs with the Ministry of Defence for establishing Ayurveda OPDs at AFMS Hospitals and Cantonment Board Hospitals under which total 49 Ayurveda centers have been started under MoD; 37 Cantonment Board Hospitals/Dispensaries under DGDE in various cantonments and 12 Service hospitals under the Armed Forces Medical Services, with Ministry of Railways for introduction of Ayush in Railway Hospitals, with Department of Science & Technology, Tripartite MoU between Ministry of Ayush, CSIR.
  - **Integration of Ayush in AIIMS:** As per the decision taken by the Government in the year 2014-2015 Ayush services are being integrated into the 19 new AIIMS, being established by the Ministry of Health and Family Welfare.
  - **WHO-Global Centre for Traditional Medicine:** Signed an agreement with WHO to establish WHO-GCTM in Jamnagar, Gujarat, the ground-breaking Ceremony of which was held on 19.04.2022 in Jamnagar, Gujarat. This Centre aims to provide support to implement WHO's traditional medicine strategy (2014-23) and to support nations in developing policies & action plans to strengthen the role of traditional medicine as part of their journey to universal health coverage.
  - **Insurance Coverage for AYUSH Health Care services:** Under IRDAI regulations, about 27 insurance companies have been offering more than 140 policy products covering one or more systems of AYUSH treatments since 2016.
  - **Tele-consultation:** The Ministry of Ayush has operationalized a dedicated community support helpline i.e. toll-free number 14443, to provide Ayush-based approaches and solutions for the challenges raised by Covid-19.
- (e) During the B2B Expo which was organized in Guwahati w.e.f. 02<sup>nd</sup> to 5<sup>th</sup> March, 2023, 56 Indian exhibitors including industries, educational institutes and Ayush services

providers exhibited their products, institutions & infrastructure and 60 buyers from 11 countries showed a keen interest in the same. During the conference and the Expo more than 125 one-to-one meetings were held between buyers & sellers. These B2B meeting participants were from Tajikistan, Armenia, Uzbekistan, Mongolia, Kazakhstan, Bahrain, Myanmar, Sri Lanka and India.

10 LOIs were received from across the industry. The trade interest was received from 13 SCO countries in the fields of Ayurveda Education, Traditional Medicine Products and developing Infrastructure for providing Ayurveda and Yoga for Medical value Travel.

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**GOVERNMENT OF INDIA  
MINISTRY OF AYUSH  
LOK SABHA**

**UNSTARRED QUESTION NO-4840  
TO BE ANSWERED ON 31.03.2023**

**NATUROPATHY TREATMENT FACILITIES**

**4840. DR. SANJEEV KUMAR SINGARI:**

Will the Minister of Ayush be pleased to state:

- a) the details of Naturopathy treatment facilities in the country, State/UT-wise;
- b) the number of patients treated in these centres in the last three years;
- c) whether any steps have been taken to examine the efficiency of Naturopathy treatments; and
- d) if so, the details thereof and if not, the reasons therefor?

**ANSWER  
THE MINISTER OF AYUSH  
(SHRI SARBANANDA SONOWAL)**

**(a) and (b):** The number of Naturopathy hospitals and dispensaries in the country, State/UT-wise, as on 01.04.2021, as per the data received from State/UT Governments is furnished at Annexure.

Ministry of Ayush is not maintaining specific data related to the patients treated in these centres as Public Health is a State subject.

**(c) and (d):** Ministry of Ayush promotes Naturopathy through its two autonomous bodies namely, Central Council for Research in Yoga & Naturopathy (CCRYN), New Delhi and National Institute of Naturopathy (NIN), Pune. CCRYN is the apex body for research and development in the Yoga and Naturopathy systems. NIN, a premier institute for Naturopathy, provides Naturopathy treatment to general public through its OPD. The activities and programs of CCRYN and NIN are available on the websites i.e. [www.ccryn.gov.in](http://www.ccryn.gov.in) and [ninpune.ayush.gov.in](http://ninpune.ayush.gov.in) respectively.

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## Annexure

### State/UT-wise Number of Naturopathy Hospitals and Dispensaries in the country as on 01.04.2021

S. No.	State / UT	Number of Naturopathy Hospitals	Number of Naturopathy Dispensaries
(1)	(2)	(3)	(4)
<b>A. States/Union Territories</b>			
1	Andhra Pradesh	0	23
2	Arunachal Pradesh	0	0
3	Assam	0	0
4	Bihar	0	0
5	Chhattisgarh	0	0
6	Delhi	0	0
7	Goa	0	0
8	Gujarat	0	0
9	Haryana	0	0
10	Himachal Pradesh	1	0
11	Jammu & Kashmir	0	0
12	Jharkhand	0	0
13	Karnataka	18	22
14	Kerala	1	1
15	Madhya Pradesh	6	0
16	Maharashtra	0	0
17	Manipur	0	0

18	Meghalaya	0	0
19	Mizoram	0	0
20	Nagaland	0	0
21	Odisha	0	0
22	Punjab	0	0
23	Rajasthan	2	3
24	Sikkim	0	0
25	Tamil Nadu	0	0
26	Tripura	0	0
27	Uttar Pradesh	0	0
28	Uttarakhand	0	0
29	West Bengal	0	0
30	A&N Island	0	0
31	Chandigarh	0	0
32	D&N Haveli and Daman & Diu	0	0
33	Ladakh	0	0
34	Lakshadweep	0	0
35	Puducherry	0	0
36	Telangana	1	28
	<b>TOTAL(A)</b>	<b>29</b>	<b>77</b>
<b>B. CGHS &amp; Central Government Organizations</b>		2	13
<b>TOTAL(A+B)</b>		<b>31</b>	<b>90</b>

Source: State / UT Governments

**GOVERNMENT OF INDIA**  
**MINISTRY OF AYUSH**  
**LOK SABHA**  
**UNSTARRED QUESTION NO. 4858**  
**ANSWERED ON 31.03.2023**

**Status Gap between Modern Medicine and AYUSH**

4858. SHRI JUAL ORAM:

Will the Minister of AYUSH be pleased to state:

- (a) whether the status gap between modern medicine and AYUSH has been done away with to harmonise both sectors and expanding the framework will increase the present problems;
- (b) if so, whether the Government has any strong framework to narrow this gap; and
- (c) if so, the details thereof and the action taken/ being taken in this regard?



**ANSWER**

**THE MINISTER OF AYUSH  
(SHRI SARBANANDA SONOWAL)**

(a) Public Health is a State subject. Ministry of Ayush, Government of India is the cadre controlling authority for Ayush Doctors posted in Central Government Health Scheme (CGHS). These Doctors are getting the benefits of salary, allowances etc. at par with the Doctors of modern medicine deployed by Ministry of Health & Family Welfare in CGHS. The Ayush Doctors are given time bound promotions under the Dynamic Assured Career Progression (DACP) scheme at par with the Doctors of modern medicine. The Government has also enhanced the retirement age of Ayush Doctors from 60 years to 65 years at par with the Doctors of modern medicine. Ministry of Health and Family Welfare (MoHFW) vide Order No. Z.15025/ 36/ 2017/ DIR/ CGHS/ EHS dated 16.04.2019 has decided to set up 53 Units (27 Homoeopathic and 26 Ayurvedic Units) in cities where Allopathic dispensaries are already functioning.

(b) Does not arise.

(c) Does not arise.

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**GOVERNMENT OF INDIA  
MINISTRY OF AYUSH**

**LOK SABHA**

**UNSTARRED QUESTION NO. 4860**

**TO BE ANSWERED ON 31<sup>st</sup> March, 2023**

**INNOVATIVE RESEARCH IDEAS IN AYUSH**

**4860. SHRI SHIVAKUMAR C. UDASI:**

**SHRI VIJAY BAGHEL:**

**SHRI RAJENDRA AGRAWAL:**

**SHRI MOHAN MANDAVI:**

**SHRI ARUN SAO:**

**SHRI SUDHAKAR TUKARAM SHRANGARE:**

Will the Minister of *AYUSH* be pleased to state:

- (a) whether the Government has launched any initiative to identify, support and promote innovative research ideas in AYUSH healthcare research areas;
- (b) if so, the details thereof; and
- (c) the steps taken by the Government to motivate AYUSH teachers for taking up projects in designated areas of health care research and create a large data base ?

**ANSWER**

**THE MINISTER OF AYUSH**

**(SHRI SARBANANDA SONOWAL)**

(a). Yes, the Ministry of Ayush is running/implementing the Central Sector Scheme namely AYURGYAN Scheme having two components, i.e., (i) Capacity Building & Continuing Medical Education (CME) in Ayush (ii) Research & Innovation in AYUSH from the FY 2021-22.

(b). The main aim of the Ayurgyan Scheme is to support Research & Innovation in AYUSH by Extra Mural Research and Education by providing academic activities, training, Capacity Building etc. The scheme is implemented throughout the Country. Under the Scheme, financial assistance is provided to the Organizations/ Institutions for research studies as per the provisions contained in the Scheme guidelines, for promotion of AYUSH research and to support research & Innovation in AYUSH.

The detailed guidelines of Research & Innovation in AYUSH component of Ayurgyan Scheme is available on the Ministry's website: <https://cdn.ayush.gov.in/wp-content/uploads/2021/07/Ayurgyan-Scheme-for-Research-Innovation.pdf>

(c). Under Capacity Building & Continuing Medical Education component of Ayurgyan Scheme, there is a provision for 6-days training programme in current trends in R&D, modern scientific advances &

technology for scientific understanding and promotion of AYUSH systems for AYUSH doctors/scientists.

In addition to above, Central Council for Research in Ayurvedic Sciences (CCRAS) has implemented a SMART program (Scope for mainstreaming Ayurveda Research in Teaching professionals) under which, technical and financial support is providing to Ayush teaching faculty to involve in collaborative research studies. The clinical studies undertaken under SMART program are also expected to aid in generating data regarding the safety and efficacy of selected Ayurveda interventions. The clinical study will be executed as per the CCRAS research policy.

Central Council for Research in Homoeopathy (CCRH) is also providing technical support for capacity building through training workshops, research orientation programmes and webinars to inculcate research aptitude among students, teachers and faculties.

To promote quality in research and publications, NCISM has trained 60 master trainers well-oriented in publication ethics, research integrity and scientific writing so as to train all PG guides of ASUS post graduate institutions across the country.

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GOVERNMENT OF INDIA  
MINISTRY OF AYUSH  
**LOK SABHA**  
**UNSTARRED QUESTION NO.-4867**  
ANSWERED ON 31/03/2023  
**AYUSH COLLEGES**

†4867. **SHRI RAMAKANT BHARGAVA:**

Will the Minister of **AYUSH** be pleased to state:

- (a) whether the Government has any action plan for establishing AYUSH colleges in all the districts of the States;
- (b) if so, the details thereof and if not, the reasons therefor; and

(c) the action proposed to be taken by the Government in this regard?

**ANSWER**

**MINISTRY OF AYUSH  
(SHRI SARBANANDA SONOWAL)**

**(a) & (b):** Public Health being is a State subject; establishment of new educational institutions for the education system of AYUSH comes under the purview of respective State/UT Governments. However, the proposals have been received in NCISM (National Commission for Indian system of Medicine) and NCH (National Commission for Homoeopathy) from Private Institutes/NGOs/Societies/Trust of various States regarding establishment of new AYUSH Medical Colleges, for the Academic Year 2023-24, placed at **Annexure-I**.

**(c)** The proposals received in NCISM (National Commission for Indian system of Medicine) and NCH (National Commission for Homoeopathy) are examined as per the criteria laid down under Establishment of New Medical College, Opening of New or Higher Course of Study or Training and Increase of Admission Capacity by a Medical College Regulations, 2019; Minimum Standard Requirements of Ayurveda/ Siddha/ Unani/ Sowa-Rigpa/ Homoeopathy Colleges and attached Hospitals Regulations, 2016 and National Commission for Indian System of Medicine/ National Commission for Homoeopathy Act, 2020, as applicable. The proposed colleges which are fulfilling the notified and approved criteria are issued Letter of Intent to start new Ayurveda/ Siddha/ Unani/ Sowa-Rigpa/ Homoeopathy College and which doesn't fulfill the notified and approved criteria are denied/rejected.

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## Annexure-I

Proposal received from different state regarding setting up of AYUSH Medical Colleges for academic year 2023-24 as on 14.03.2023						
		Ayurveda Colleges	Unani Colleges	Siddha Colleges	Sowa Rigpa Colleges	Homoeopathic Colleges
1	Andhra Pradesh	0	0	0	0	0
2	Arunachal Pradesh	0	0	0	0	0
3	Assam	0	0	0	0	0
4	Andaman and Nicobar Islands	0	0	0	0	0
5	Bihar	6	0	0	0	0
6	Chandigarh	0	0	0	0	0
7	Chhattisgarh	1	0	0	0	0
8	New Delhi	0	1	0	0	0
9	Dadra Nagar Haveli and Daman Diu	0	0	0	0	0
10	Goa	0	0	0	0	0
11	Gujarat	9	0	0	0	6
12	Haryana	0	0	0	0	0
13	Himachal Pradesh	0	0	0	0	0
14	Jammu and Kashmir	0	0	0	0	0
15	Jharkhand	0	0	0	0	0
16	Karnataka	15	1	0	0	0
17	Kerala	0	0	0	0	0
18	Ladakh	0	0	0	0	0
19	Lakshadweep	0	0	0	0	0
20	Madhya Pradesh	7	2	0	0	2
21	Maharashtra	29	0	0	0	5
22	Manipur	0	0	0	0	0
23	Meghalaya	1	0	0	0	0
24	Mizoram	0	0	0	0	0
25	Nagaland	0	0	0	0	0
26	Orissa	0	0	0	0	0
27	Pondicherry	0	0	0	0	0
28	Punjab	5	0	0	0	0
29	Rajasthan	0	0	0	0	2
30	Sikkim	0	0	0	0	0
31	Tamil Nadu	1	0	1	0	1
32	Telangana	0	1	0	0	0
33	Tripura	0	0	0	0	0
34	Uttar Pradesh	28	1	0	0	5
35	Uttarakhand	1	0	0	0	0
36	West Bengal	0	0	0	0	0
	<b>Total</b>	<b>103</b>	<b>6</b>	<b>1</b>	<b>0</b>	<b>21</b>

**GOVERNMENT OF INDIA  
MINISTRY OF AYUSH**

**LOK SABHA  
UNSTARRED QUESTION No. 4891  
TO BE ANSWERED ON 31/03/2023**

**COMPREHENSIVE POLICY TO PROMOTE AYUSH MEDICAL PRACTICES**

4891. SHRI GNANATHIRAVIAM S.:

Will the Minister of AYUSH be pleased to state:

- (a) whether the Government is considering to implement any comprehensive policy to promote AYUSH medical practices like Ayurveda, Yoga and Naturopathy;
- (b) if so, the details thereof;
- (c) whether sufficient infrastructure is not available in the country to promote AYUSH medical education; and
- (d) if so, the action plan available with Government to strengthen the infrastructure?

**ANSWER  
THE MINISTER OF AYUSH  
(SHRI SARBANANDA SONOWAL)**

**(a) & (b):** The Ministry of Ayush is implementing the Centrally Sponsored Scheme of National Ayush Mission (NAM) through State/UT Governments for development & promotion of different Ayush Systems including Ayurveda, Yoga & Naturopathy, and providing financial assistance to them as per the proposal received in their State Annual Action Plans (SAAPs). The National Ayush Mission (NAM) *inter-alia* makes provision for the following:-

- i. Ayush Health & Wellness Centres
- ii. Co-location of Ayush facilities at Primary Health Centres (PHCs), Community Health Centres (CHCs) and District Hospitals (DHs)
- iii. Upgradation of existing standalone Government Ayush hospitals

- iv. Upgradation of existing Government/Panchayat/Government aided Ayush dispensaries/construction of building for existing Ayush dispensaries (rented/dilapidated accommodation)/construction of building to establish new Ayush dispensaries
- v. Setting up of upto 10/30/50 bedded integrated Ayush hospitals
- vi. Supply of essential drugs/consumables to Government Ayush hospitals, Government dispensaries and Government/Government aided teaching institutional Ayush hospitals
- vii. Ayush Public Health Programmes
- viii. Behaviour Change Communication (BCC)
- ix. Mobility support at State and District level
- x. Ayush Gram
- xi. Establishment of new Ayush colleges in the States where availability of Ayush teaching institutions is inadequate in Government sector
- xii. Infrastructural development of Ayush Under-Graduate institutions
- xiii. Infrastructural development of Ayush Post-Graduate institutions/add on PG/ Pharmacy/Para-Medical courses

State/UTs may avail financial assistance by submitting proposals through State Annual Actions Plans (SAAPs) as per the NAM guidelines. Under National Ayush Mission (NAM), Ministry of Ayush is implementing the operationalization of 12,500 Ayush Health and Wellness Centers (HWCs) through State/UT Governments.

The Ministry is also implementing a Central Sector Scheme for Promotion of Information Education and Communication (IEC) in Ayush to create awareness regarding Ayush Systems of Medicine including Ayush medical practices. This scheme provides assistance for organizing National/State Arogya Fairs, Yoga Fests/Utsavs, Ayurveda Parvs and participating in seminars, exhibitions, workshops, conferences etc. The Ministry also undertakes Multi Media IEC Campaigns for creating awareness about Ayush Systems of Medicine including Ayush medical practices.

**(c) & (d):** As on 01.04.2021, there are 789 Ayush colleges (including undergraduate and postgraduate colleges) in the country. Out of these 789 colleges, 416 colleges belong to Ayurveda, 57 colleges belong to Unani, 13 colleges belong to Siddha, 49 colleges belong to Yoga & Naturopathy, 248 colleges belong to Homoeopathy and 6 colleges belong to Sowa Rigpa.

The Ministry through its Centrally Sponsored Scheme National Ayush Mission extends financial assistance to educational institutes through State/UT Governments. The educational standards in Ayush system of medicine has improved with the vigorous implementation of minimum standards.

\* \* \*

**GOVERNMENT OF INDIA  
MINISTRY OF AYUSH**

**LOK SABHA**  
**ADMITTED UNSTARRED QUESTION NO. 4898**  
**ANSWERED ON 31<sup>st</sup> MARCH 2023**

**“Conservation of Medicinal Plants in Maharashtra”**

**4898. SHRI SHRINIWAS PATIL:**

**Will the Minister of AYUSH be pleased to state:**

- (a) the measures taken by the National Medicinal Plants Board (NMPB) for the conservation, development and management of medicinal plants in the State of Maharashtra;
- (b) the number of such projects supported by NMPB in the State of Maharashtra;
- (c) the total area in terms of hectares supported for cultivation, the number of nurseries, post-harvest management units and processing units or rural district collection centres set up in the State of Maharashtra; and
- (d) the number of Regional cum Facilitation Centres set up by NMPB in the State of Maharashtra?

**ANSWER**

**THE MINISTER OF AYUSH**  
**(SHRI SARBANANDA SONOWAL)**

**(a) & (b):** The National Medicinal Plants Board (NMPB), Ministry of Ayush since 2008-09 is implementing “Central Sector Scheme on Conservation, Development and Sustainable Management of Medicinal Plants” throughout the country including state of Maharashtra. Under the scheme, the project based support is provided for following activities:

- (i) *In-situ* conservation through development of Medicinal Plants Conservation and Development Areas (MPCDAs).
- (ii) *In-situ/Ex-situ* resource augmentation.



- (iii) Livelihood linkages with Joint Forest Management Committees (JFMCs) / Panchayats / Van Panchayats / Biodiversity Management Committees (BMCs) / Self Help Groups (SHGs).
- (iv) *Ex-situ* conservation through establishment of herbal gardens.
- (v) IEC activities like Training / workshops / Seminars/ Conferences etc.
- (vi) Research & Development.
- (vii) Promotion of marketing and trade of medicinal plants produce.

The number of projects supported by NMPB on above activities in state of Maharashtra are given below:

Activities	Number of projects supported
In-situ conservation through MPCDAs, <i>In-situ/Ex-situ</i> resource augmentation	25
Livelihood linkages with Joint Forest Management Committees (JFMCs) / Biodiversity Management Committees (BMCs) etc.	2
Herbal Gardens	23
IEC activities	16
Research & Development	14
Promotion of Marketing and Trade	1

(c): To promote the cultivation of medicinal plants, the Ministry of Ayush, Government of India had implemented Centrally Sponsored Scheme of National Ayush Mission (NAM) during financial year 2015-16 to 2020-21 throughout the country including state of Maharashtra. As per the scheme guidelines, the support was provided for following activities:

- (i) Cultivation of prioritized medicinal plants on farmer's land.
- (ii) Establishment of nurseries with backward linkages for raising and supply of quality planting material.
- (iii) Post-harvest management with forward linkages.
- (iv) Primary processing, marketing infrastructure etc.

The area for cultivation of medicinal plants, number of nurseries, post-harvest management unit, semi / processing units and rural / district collection centre supported in state of Maharashtra under "Medicinal Plants" component of National Ayush Mission (NAM) scheme during the financial year 2015-16 to 2020-21 is given below:

S. No.	Activities	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	TOTAL
1.	Cultivation (Area in hectare)	327	0	444	0	520	0	1291

2.	Number of Nurseries	0	0	2	0	4	0	<b>06</b>
3.	Post-Harvest Management Units	0	0	2	0	8	0	<b>10</b>
4.	Processing Units	0	0	1	0	1	0	<b>02</b>
5.	Rural Collection Centres	0	0	1	0	0	0	<b>01</b>

**(d):** As per Scheme guideline provision of Central Sector Scheme for Conservation, Development and Sustainable Management of Medicinal Plants, the National Medicinal Plants Board (NMPB), Ministry of Ayush has supported one Regional Cum Facilitation Centre (RCFC) on project mode for Western Region in Department of Botany, Savitribai Phule Pune University (SPPU), Ganeshkhind, Pune, Maharashtra to covers the states of Goa, Gujarat, Maharashtra, Rajasthan, Dadra & Nagar Haveli, Daman & Diu.

**GOVERNMENT OF INDIA  
MINISTRY OF AYUSH**

**LOK SABHA  
UNSTARRED QUESTION NO. †4927  
ANSWERED ON 31/03/2023**

**“Location for Cultivation of Plants”**

**†4927. SHRI MALOOK NAGAR:**

Will the Minister of AYUSH be pleased to state:

- (a) whether the Government has identified any locations/land in every State of the country for cultivation of traditional and herbal medicinal plants which are used in manufacturing herbal medicines and drugs;
- (b) if so, the details thereof;
- (c) whether any location/land has been identified for the above purpose in Uttar Pradesh especially in Western Uttar Pradesh region;
- (d) if so, the details thereof; and
- (e) if not, the reasons therefor?

**ANSWER**

**THE MINISTER OF AYUSH**

**(SHRI SARBANANDA SONOWAL)**

(a & b) No, Sir. At present there is no scheme for cultivation of medicinal plants in National Medicinal Plants Board, Ministry of Ayush. However, Ministry of Ayush, Government of India had implemented “Centrally Sponsored Scheme” of National Ayush Mission (NAM) to promote the cultivation of medicinal plants since 2015-16 to 2020-21. Under ‘Medicinal Plants’ component of the National Ayush Mission (NAM) Scheme, market driven cultivation of 140 prioritized medicinal plants in identified clusters/zones was supported and implemented in a mission mode through selected State Implementing Agencies throughout the country. Under ‘Medicinal Plants’ component of National Ayush Mission (NAM), the Ministry of Ayush had supported 56,305 hectare area under cultivation of medicinal plants throughout the country from the financial year 2015-16 to 2020-21. The detail of State/ UT-wise area supported under the cultivation of Medicinal Plants of National Ayush Mission (NAM) scheme from the financial year 2015-16 to 2020-21 is given at **Annexure – I**.

(c & d) No, Sir. Presently, National Medicinal Plants Board, Ministry of Ayush has not identified any location/land in Uttar Pradesh as there is no scheme for cultivation of medicinal plants in National Medicinal Plants Board, Ministry of Ayush. However, in the past, the Ministry of Ayush had supported cultivation of medicinal plants under medicinal plants component of National Ayush Mission Scheme in Uttar Pradesh state. As per the State Implementing Agency of medicinal plants component in Uttar Pradesh, the districts namely Bijnore, Moradabad, Bareilly, Badaun, Saharanpur, Muzaffarpur, Meerut, Hapur, Bulandshahar, Etawa, Hathras and Mathura district of western region have been identified according to the suitability of the agro-climatic condition for cultivation of medicinal plants.

(e) Not applicable.

**Annexure – I**

**Detail of State/ UT-wise area supported under the cultivation of Medicinal Plants of National Ayush Mission (NAM) scheme from the financial year 2015-16 to 2020-21.**

(Area in hectare)

S.No.	State	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Total
1	Andhra Pradesh	447	1160	897	508	1338	0	<b>4350</b>
2	Arunachal Pradesh	0	142	71	9	44	98	<b>364</b>
3	Assam	0	261	225	138	0	0	<b>624</b>
4	Bihar	0	0	0	0	175	0	<b>175</b>
5	Chhattisgarh	0	220	72	108	0	0	<b>400</b>
6	Goa	0	23	30	30	30	0	<b>113</b>
7	Gujarat	141	192	85	518	0	0	<b>936</b>
8	Haryana	175	245	0	0	0	0	<b>420</b>
9	Himachal Pradesh	39	120	7	0	70	0	<b>236</b>
10	Jammu & Kashmir	9	34	21	24	28	25	<b>141</b>
11	Karnataka	529	706	769	469	353	1100	<b>3926</b>
12	Kerala	258	535	736	410	0	330	<b>2269</b>
13	Madhya Pradesh	1681	2518	2030	1262	790	4270	<b>12551</b>
14	Maharashtra	327	0	444	0	520	0	<b>1291</b>
15	Manipur	142	242	142	60	30	0	<b>616</b>
16	Meghalaya	0	48	22	0	108	0	<b>178</b>
17	Mizoram	59	27	65	187	6	29	<b>373</b>
18	Nagaland	51	138	250	103	0	210	<b>752</b>
19	Orissa	0	488	0	378	0	0	<b>866</b>
20	Puducherry	0	43	0	2	5	0	<b>50</b>
21	Punjab	0	242	0	16	340	0	<b>598</b>
22	Rajasthan	330	1163	1341	519	760	0	<b>4113</b>
23	Sikkim	63	32	84	0	0	58	<b>237</b>
24	Tamil Nadu	633	960	673	765	900	0	<b>3931</b>
25	Telangana	345	294	457	237	341	0	<b>1674</b>
26	Tripura	45	0	0	211	0	0	<b>256</b>
27	Uttarakhand	153	148	183	110	208	0	<b>802</b>
28	Uttar Pradesh	3188	1898	1345	3633	0	2236	<b>12300</b>
29	West Bengal	107	230	417	261	748	0	<b>1763</b>
<b>TOTAL</b>		<b>8722</b>	<b>12109</b>	<b>10366</b>	<b>9958</b>	<b>6794</b>	<b>8356</b>	<b>56305</b>

**GOVERNMENT OF INDIA  
MINISTRY OF AYUSH**

**LOK SABHA**  
**UNSTARRED QUESTION NO. 4936**  
**ANSWERED ON 31/03/2023**

**“Medicinal Plants and Herbs”**

**4936. SHRIMATI SUPRIYA SULE:**  
**DR. DNV SENTHILKUMAR S.:**

Will the Minister of AYUSH be pleased to state:

- (a) the quantity of medicinal plants and herbs produced in the country particularly in Maharashtra and Tamil Nadu during the last three years and current year;
- (b) the financial assistance provided to promote the farming of medicinal plants and herbs during the said period, State/UT-wise;
- (c) the quantity of medicinal plants exported from the above said States during the said period;
- (d) the steps taken to promote production of Ayurvedic and herbal medicines in the country particularly in the above said States; and
- (e) the steps taken by the Government to promote the emerging nutraceutical industry?

**ANSWER**

**THE MINISTER OF AYUSH**  
**(SHRI SARBANANDA SONOWAL)**

(a) Ministry of Ayush, Government of India had implemented “Centrally Sponsored Scheme” of National Ayush Mission (NAM) to promote the cultivation of medicinal plants since 2015-16 to 2020-21. Under ‘Medicinal Plants’ component of the National Ayush Mission (NAM) Scheme, market driven cultivation of 140 prioritized medicinal plants in identified clusters/zones was supported and implemented in a mission mode through selected State Implementing Agencies throughout the country including the State of Maharashtra and Tamil Nadu. As per the scheme guidelines, the support was provided for:

- (i) Cultivation of prioritized medicinal plants on farmer’s land.
- (ii) Establishment of nurseries with backward linkages for raising and supply of Quality Planting Material.
- (iii) Post-Harvest Management with forward linkages.
- (iv) Primary processing, marketing infrastructure etc.

During last three year, under ‘Medicinal Plants’ component of National Ayush Mission (NAM), the Ministry of Ayush had supported 15,150 hectare area under cultivation of medicinal plants throughout the country including Maharashtra and Tamil Nadu during the financial year

2019-20 and 2020-21, as the scheme was implemented from the financial year 2015-16 to 2020-21. The detail is given at **Annexure – I**.

(b) The Ministry of Ayush had approved an amount of Rs. 4181.45 lakh (including state share) to promote the farming of medicinal plants and herbs under ‘Medicinal Plants’ component of National Ayush Mission (NAM) scheme throughout the country including Maharashtra and Tamil Nadu. The state-wise and year-wise detail of fund approved for cultivation of medicinal plants under National Ayush Mission (NAM) scheme is given at **Annexure – II**.

(c) As per data collected from website of Department of Commerce, Ministry of Commerce & Industry, the export of Ayush and herbal products from the country during the last three years and current financial year under HS code 1211 which includes medicinal plants is given as below:

**Values in USD, (Million)**

S.No.	HS Code	Commodity	2019-20	2020-21	2021-22	2022-23 (Apr-Jan)
1.	1211	PLNTS AND PRTS OF PLNTS INCLD SEDS AND FRUTS USD FOR PRFUMRY PHRMACY/INSCTCIDL OR SMLR PUR FRSH/DRID, CHLD/FROZ W/N CUT CRSHD	283.52	377.63	423.31	361.54

**Source:** <https://tradestat.commerce.gov.in>

(d) Ministry of Ayush has implemented Central Sector Scheme AYUSH Oushadhi Gunvatta Evam Utpadan Samvardhan Yojana (AOGUSY) including Maharashtra and Tamil Nadu. The objectives of the Scheme are as under:

- v. To enhance India's manufacturing capabilities and exports of traditional medicines and health promotion products under the initiative of Atmanirbhar Bharat.
- vi. To facilitate adequate infrastructural & technological upgradation and institutional activities in public and private sector for standardization, quality manufacturing and analytical testing of Ayush drugs & materials.
- vii. To strengthen regulatory frameworks at Central and State level for effective quality control, safety monitoring and surveillance of misleading advertisements of Ayush drugs.

- viii. To encourage building up synergies, collaborations and convergent approaches for promoting standards and quality of Ayush drugs & materials.

Detailed guidelines are available at:

<https://cdn.avush.gov.in/wp-content/uploads/2021/10/Guidelines-AOGUSY.pdf>

The components of the AYUSH Oushadhi Gunvatta Evam Utpadan Samvardhan Yojana (AOGUSY) are as under:

- E. Strengthening and up-gradation of Ayush Pharmacies and Drug Testing Laboratories to achieve higher standards.
- F. Pharmacovigilance of ASU&H drugs including surveillance of misleading advertisements.
- G. Strengthening of Central and State regulatory frameworks including Technical Human Resource & Capacity Building programs for Ayush drugs.
- H. Support for development of standards and accreditation/ certification of Ayush products & materials in collaboration with Bureau of Indian Standards (BIS), Quality Control of India (QCI) and other relevant scientific institutions and industrial R&D Centres.

(e) Council of Scientific & Industrial Research (CSIR) is an autonomous R&D organization involved in Research and Development in varied areas of science including medicinal plants. CSIR laboratories specially CSIR-IHBT, CSIR-NEIST, CSIR-CFTRI, CSIR-NIIST, CSIR-CIMAP are involved in developing nutraceuticals through Mission Mode program implemented by CSIR. The nutraceutical industries both emerging and established ones are encouraged for commercial development of the nutraceutical developed by CSIR as well as industry in a collaborative mode. Industry meets are also carried out in this direction by the CSIR labs involved in nutraceutical development from herbals.

## Annexure – I

Details of area supported under cultivation of medicinal plants through National Ayush Mission scheme from the financial year 2019-20 to 2020-21.

(Area in hectare)

S. No.	State	2019-20	2020-21	Total
1	Andhra Pradesh	1338	0	<b>1338</b>
2	Arunachal Pradesh	44	98	<b>142</b>
3	Bihar	175	0	<b>175</b>
4	Goa	30	0	<b>30</b>
5	Himachal Pradesh	70	0	<b>70</b>
6	Jammu & Kashmir	28	25	<b>53</b>
7	Karnataka	353	1100	<b>1453</b>
8	Kerala	0	330	<b>330</b>
9	Madhya Pradesh	790	4270	<b>5060</b>
<b>10</b>	<b>Maharashtra</b>	<b>520</b>	<b>0</b>	<b>520</b>
11	Manipur	30	0	<b>30</b>
12	Meghalaya	108	0	<b>108</b>
13	Mizoram	6	29	<b>35</b>
14	Nagaland	0	210	<b>210</b>
15	Puducherry	5	0	<b>5</b>
16	Punjab	340	0	<b>340</b>
17	Rajasthan	760	0	<b>760</b>
18	Sikkim	0	58	<b>58</b>
<b>19</b>	<b>Tamil Nadu</b>	<b>900</b>	<b>0</b>	<b>900</b>
20	Telangana	341	0	<b>341</b>
21	Uttarakhand	208	0	<b>208</b>
22	Uttar Pradesh	0	2236	<b>2236</b>
23	West Bengal	748	0	<b>748</b>
<b>TOTAL</b>		<b>6794</b>	<b>8356</b>	<b>15150</b>



## Annexure – II

**Details of fund approved for cultivation of medicinal plants under National Ayush Mission scheme from the financial year 2019-20 to 2020-21.**

(Rs. in lakh)

S.No.	State	2019-20	2020-21	Total
1	Andhra Pradesh	220.408	0	<b>220.408</b>
2	Arunachal Pradesh	26.255	59.5	<b>85.755</b>
3	Bihar	74.487	0	<b>74.487</b>
4	Goa	9.742	0	<b>9.742</b>
5	Himachal Pradesh	54.444	0	<b>54.444</b>
6	Jammu & Kashmir	18.288	21.539	<b>39.827</b>
7	Karnataka	114.673	359.881	<b>474.554</b>
8	Kerala	0	101.112	<b>101.112</b>
9	Madhya Pradesh	287.873	853.736	<b>1141.61</b>
<b>10</b>	<b>Maharashtra</b>	<b>285.356</b>	<b>0</b>	<b>285.356</b>
11	Manipur	15.829	0	<b>15.829</b>
12	Meghalaya	31.526	0	<b>31.526</b>
13	Mizoram	0.954	10.304	<b>11.258</b>
14	Nagaland	0	75.482	<b>75.482</b>
15	Puducherry	0.783	0	<b>0.783</b>
16	Punjab	66.154	0	<b>66.154</b>
17	Rajasthan	327.848	0	<b>327.848</b>
18	Sikkim	0	40.989	<b>40.989</b>
<b>19</b>	<b>Tamil Nadu</b>	<b>260.995</b>	<b>0</b>	<b>260.995</b>
20	Telangana	65.748	0	<b>65.748</b>
21	Uttarakhand	133.595	0	<b>133.595</b>
22	Uttar Pradesh	0	503.012	<b>503.012</b>
23	West Bengal	160.933	0	<b>160.933</b>
<b>TOTAL</b>		<b>2155.89</b>	<b>2025.56</b>	<b>4181.45</b>

**GOVERNMENT OF INDIA  
MINISTRY OF AYUSH**

**LOK SABHA**  
**UNSTARRED QUESTION NO.4943**  
**ANSWERED ON 31<sup>st</sup> MARCH, 2023**

**AYUSH Hospital in Gopalganj**

4943. DR. ALOK KUMAR SUMAN:

Will the Minister of AYUSH be pleased to state:

- (a) whether it is fact that number of AYUSH hospitals have been given to Bihar including the Gopalganj district;
- (b) if so, the details thereof;
- (c) whether it is fact that the sanctioned hospitals in Bihar are not functioning due to lack of financial assistance from the Union Government;
- (d) if so, the details thereof; and
- (e) the details of the funds released/utilised for AYUSH hospital of Gopalganj district?

**ANSWER**  
**THE MINISTER OF AYUSH**  
**(SHRI SARBANANDA SONOWAL)**

(a) to (e) Under Centrally Sponsored Scheme of National AYUSH Mission (NAM), as per the proposals submitted by the State Government of Bihar through State Annual Action Plans (SAAPs), Ministry of Ayush has approved one 50 bedded Integrated AYUSH hospital at Patna in the year 2015-16 and sanctioned an amount of Rs.302.695 lakhs (Rs. 181.617 lakhs as central share and Rs. 121.078 lakhs as state share). As per the report submitted by the State Government, Rs. 137.27 lakhs against released central share has been spent. Further, as per the proposals received from the State Government through SAAP during the year 2022-23, three 50 bedded Integrated AYUSH Hospitals have also been approved at Gopalganj, Darbhanga and Khagaria districts respectively and sanctioned an amount of Rs. 1500.00 lakhs to each hospital. However, grants-in-aid could not be released since concerned State Government needs to fulfil the conditions of Department of Expenditure, Ministry of Finance issued guidelines vide no. F.N.1 (13) PFMS/FCD/2020 dated 23.03.2022 and corrigendum dated 21.06.2022 regarding procedure for release of funds under the Centrally Sponsored Schemes (CSS) and monitoring utilization of the funds.

**GOVERNMENT OF INDIA  
MINISTRY OF AYUSH**

**Lok SABHA  
UNSTARRED QUESTION NO.4965  
ANSWERED ON 31<sup>th</sup> March, 2023**

**Integrated AYUSH Hospitals**

4965. SHRI PARTHIBAN S.R.:

Will the Minister of AYUSH be pleased to state:

- (a) whether the Government is considering to set up integrated AYUSH hospitals in each district headquarters of the country and if so, the details thereof, State/UT-wise including Tamil Nadu;
- (b) the amount of funds allocated for the purpose in the present Budget, State/UT-wise;
- (c) the total number of registered AYUSH doctors in the country; and
- (d) the steps taken by the Government to increase this number?

**ANSWER  
THE MINISTER OF AYUSH  
(SHRI SARBANANDA SONOWAL)**

(a) & (b) Public Health being a State subject, setting up of integrated AYUSH hospitals in each district headquarters of the country including Tamil Nadu comes under purview of respective State/UT Governments. However, under NAM, there is provision of financial assistance for setting up of 50 /30 /10 bedded integrated AYUSH hospitals. Accordingly, the State/UT Governments may avail financial assistance by submitting suitable proposals through State Annual Action Plans (SAAPs). Under NAM, as per the proposals received from State/UT Governments through SAAPs, the State/UT-wise status of approved/allocated funds as per the provision NAM guidelines for setting up of integrated AYUSH hospitals in the country from 2014-15 to 2021-22 and current year i.e. 2022-23 is furnished at **Annexure-I**.

(c) & (d) As reported by State Boards/Councils, total number of registered AYUSH doctors in the country is 742958. Further, new colleges are given permission every year by NCISM (National

Commission for Indian system of Medicine) and NCH (National Commission for Homeopathy) and accordingly passed out students from the colleges will get registered with concerned State/UT Board/Councils, so that the number of practitioners also proportionally will be increased. In addition to that under NAM, there is provision of financial assistance for establishment of new AYUSH Colleges in the States where availability of AYUSH teaching institutions is inadequate in Government Sector. The State/UT Governments may avail eligible financial assistance by projecting the same through SAAPs as per the provisions of NAM guidelines and it will also provide opportunities to the students for availing education of AYUSH system of medicine in the States/UTs.

**State/UT-wise, status of approved/allocated funds under NAM for integrated AYUSH Hospitals from 2014-15 to 2021-22 and current year i.e. 2022-23**

(Rs. in lakhs)

Sl. No.	State/UT	Location	Funds approved/allocated from 2014-15 to 2021-22	Funds approved/allocated during 2022-23
32.	Andaman & Nicobar Islands	Port Blair	32.66	0
33.	Andhra Pradesh	Kakinada	792.309	0
		Visakhapatnam.	331.367	0
34.	Assam	Goalpara	900.00	0
		Majuli	900.00	0
35.	Bihar	Patna	302.695	0
36.	Chandigarh	Chandigarh	400.00	289.116
37.	Chhattisgarh	Champa	255.50	0
		Mahasamund	255.50	0
		Koria	255.50	0
		Korba	255.50	0
		Kanker	255.50	0
		Narayanpur	255.50	0
		Bijapur	255.50	0
		Dantewada	255.50	0
		Raipur	300.00	0
		Bilaspur	300.00	0
		Durg	300.00	0
		Sarguja District Headquarter	300.00	0
Dalli Rajhara	255.00	0		
38.	Goa	South Goa	464.29	0
39.	Haryana	Hisar	675.34	0
40.	Himachal Pradesh	Kullu	150.00	250.00
		Mandi	25.00	250.00
41.	Jammu & Kashmir	Kishtwar	300.00	300.00
		Kupwara	516.383	200.00
		Bilawar	379.575	300.00
		Kulgam	316.383	0
		Samba	100.00	0
42.	Jharkhand	Ranchi	600.00	0
43.	Karnataka	Gadag	900.00	0
		Mangalore	900.00	0

44.	Kerala	Chalaky, Thrissur	300.63	200.00
		Mattannur, Kannur	533.33	200.00
45.	Lakshadweep	Kavaratti	195.80	0
46.	Maharashtra	Nandurbar	425.00	0
		Sindhudurg	425.00	0
		Pune	425.00	0
		Ahmednagar	425.00	0
47.	Manipur	Moreh, Chandel District	621.00	134.00
		Churachandpur	621.00	29.00
		Kwakeithel Konjeng Leikai	393.59	0
		Keirao AC, Imphal East District	637.80	118.00
48.	Madhya Pradesh	Bhopal	700.00	0
		Indore	400.00	0
		Narsinghpur	600.00	0
		Amarkantak	300.00	0
		Mandleshwar	199.751	0
		Balaghat	50.00	0
		Sehore	50.00	0
49.	Meghalaya	Sohra (Cherapunje), CHC, East Khasi Hills	1087.568	0
		RiBhoi District	675.00	0
50.	Mizoram	Aizwal	69.609	0
51.	Nagaland	Noklak, Tuensang District	896.044	0
		Razha, Chedema	1019.16	0
		Sapangya (Chungtia)	201.676	0
		Yachem, Longleng	100.00	0
52.	Odisha	Dhenkanal	800.00	0
		Behrampur	300.00	0
		Balasore	100.00	0
53.	Puducherry	Villianur	678.066	529.48
		Yanam	518.50	553.24
54.	Punjab	Moga	650.00	0
		Dayalpur Sodhia	650.00	0
		Zirakpur		
55.	Rajasthan	Bhilwara	450.00	0
		Ajmer	450.00	0
		Churu	450.00	0
		Bikaner	450.00	0
		Jaipur	436.00	0
		Sikar	450.00	0

56.	Sikkim	Kyongsa, West Sikkim	959.468	50.00
57.	Tamil Nadu	Theni	733.33	0
		Thiruvannamalai	733.33	0
		Pudukkottai	400.00	0
58.	Telangana	Anantgiri, Vikarabad, Rangareddy Distt.	600.00	0
		Bhupalpalli (V&M), Jayashankar Bhupalpalli District.	300.00	0
		Siddipet Head Quarters	300.00	0
59.	Tripura	Paradise Chowmuhani, Agartala	291.553	250.00
		Sabroom, South District	127.816	358.00
60.	Uttar Pradesh	Bulandshahar	900.00	0
		Bilhour, Kanpur	900.00	0
		West Katli, Lucknow	900.00	0
		Badrasi, Varanasi	900.00	0
		NawabGanj, Bareilly	900.00	0
		Basti	900.00	0
		Sirathu Kaushambi	900.00	0
		Sonbhadra	900.00	0
		OraiJalaun	900.00	0
		Sant Kabir Nagar	900.00	0
		Saharanpur	900.00	0
		Deoria	900.00	0
		Lalitpur	900.00	0
		Amethi	900.00	0
		Kanpur Dehat	900.00	0
		Firozpur, Balia District	900.00	0
		Raebareli	726.64	173.36
		Baghpat	727.35	172.62
		Fatehpur	755.35	124.65
		Shravasti	212.925	687.07
Unnao	212.925	687.07		
Hardoi	265.00	900.00		
Gorakhpur	265.00	900.00		
Sambhal	265.00	900.00		
61.	Uttarakhand	Haldwani	556.61	0
		Jakhnidhar, Tehri	300.00	0
62.	West Bengal	Tapsikhata, Alipurduar District	900.00	0
		Paschim Midnapore	900.00	0

**GOVERNMENT OF INDIA  
MINISTRY OF AYURVEDA, YOGA & NATUROPATHY, UNANI, SIDDHA AND  
HOMOEOPATHY (AYUSH)**

**LOK SABHA  
UNSTARRED QUESTION NO.4970  
TO BE ANSWERED ON 31<sup>ST</sup> MARCH, 2023**

**All India Institute of Ayurveda**

4970. SHRI T.N. PRATHAPAN:

Will the Minister of Ayush be pleased to state:

- (a) the number of All India Institute of Ayurveda in the country, State/UT-wise;
- (b) whether the Government of Kerala has submitted any proposal for setting up All India Institute of Ayurveda in the State and if so, the details thereof;
- (c) whether the Government has any plans to set up All India Institute of Unani on the model of All India Institute of Ayurveda and if so, the details thereof; and
- (d) whether the Government proposes to grant a special package to promote cultivation of medicinal plants and herbs in the country and if so, the details thereof?

**ANSWER**

**THE MINISTER OF AYUSH  
(SHRI SARBANANDA SONOWAL)**

- (a) An All India Institute of Ayurveda, under the Ministry of Ayush is operational at New Delhi since 17.10.2017. Further, a Satellite Centre of the Institute viz. All India Institute of Ayurveda, Goa has been established w.e.f. 11.12.2022.
- (b) & (c) No, Sir.
- (d) The National Medicinal Plants Board is presently implementing “Central Sector Scheme on Conservation, Development and Sustainable Management of Medicinal Plants” throughout the country. Under the scheme, project based support is provided to State Forest Departments for In-situ / Ex-situ Conservation, Resource Augmentation and support to JFMCs/BMCs etc. for livelihood generation. Further, activities supported under Medicinal Plant component of National Ayush Mission Scheme from the financial year 2015-16 to 2020-21 are Annexed.

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Activities supported under Medicinal Plant component of National Ayush Mission scheme from the F.Y. 2015-2016 to 2020-21 are given below:-

<b>Activities supported under Medicinal Plant component of National Ayush Mission scheme from the F.Y. 2015-16 to 2020-21</b>								
<b>S.No.</b>	<b>Activities supported</b>	<b>2015-16</b>	<b>2016-17</b>	<b>2017-18</b>	<b>2018-19</b>	<b>2019-20</b>	<b>2020-21</b>	<b>TOTAL</b>
1.	Cultivation of Medicinal Plants (Area in hectare)	8722	12109	10366	9958	6794	8356	<b>56305</b>
2.	Maintenance of cultivation (Area in hectare)	2031	164	163	176	130	10	<b>2673</b>
3.	Establishment of Nursery	32	39	38	38	50	23	<b>220</b>
4.	Post-harvest Management	62	48	66	52	99	27	<b>354</b>
5.	Processing Unit	1	2	3	1	16	2	<b>25</b>
6.	Rural/District Collection Centers/Retail outlet	0	11	9	17	2	3	<b>42</b>
7.	Seed germplasm centers	0	3	5	0	1	1	<b>10</b>
8.	Demonstration plot	0	2	2	2	6	3	<b>15</b>

**GOVERNMENT OF INDIA  
MINISTRY OF AYUSH  
LOK SABHA**

**UNSTARRED QUESTION NO-4986  
TO BE ANSWERED ON 31.03.2023**

**YOGA TRAINING TO RURAL WOMEN**

**4986. SHRIMATI VANGA GEETHA VISWANATH:**

Will the Minister of **Ayush** be pleased to state:

- a) whether the Government proposes to provide yoga training to rural women in the country;
- b) if so, the details thereof;
- c) if not, the reasons therefor; and
- d) the measures taken/being taken by the Government along with the progress made in this regard?

**ANSWER**

**THE MINISTER OF AYUSH**

**(SHRI SARBANANDA SONOWAL)**

**(a) to (d):** Ministry of Ayush, at present, does not have any specific proposal for providing exclusive Yoga training to rural women in the country. However, Ministry of Ayush through its Autonomous bodies impart training of Yoga to public including Rural Women.

Further, Ministry of Ayush promotes Yoga in the country through its three autonomous bodies namely Morarji Desai National Institute of Yoga (MDNIY), New Delhi, Central Council for Research in Yoga & Naturopathy (CCRYN), New Delhi and National Institute of Naturopathy (NIN), Pune. MDNIY provides various courses for Yoga Education. CCRYN is the apex body for research and development in the Yoga and Naturopathy systems. NIN, a premier institute for Naturopathy organizes various activities related to Naturopathy and Yoga. The activities and programs of MDNIY, CCRYN and NIN are available on the websites i.e. [yogamdniy.nic.in](http://yogamdniy.nic.in), [www.ccryn.gov.in](http://www.ccryn.gov.in) and [ninpune.ayush.gov.in](http://ninpune.ayush.gov.in) respectively.

Also, the Ministry is implementing the Centrally Sponsored Scheme of National Ayush Mission (NAM) through State/UT Governments for development & promotion of different Ayush systems in the country including Yoga and providing financial assistance to them as per the proposals received in their State Annual Action Plans (SAAPs). State/UT Governments may avail financial assistance by submitting proposals through State Annual Action Plans (SAAPs) as per the NAM guidelines. Under National Ayush Mission (NAM), Ministry of Ayush is implementing the operationalization of 12,500 Ayush Health and Wellness Centers (HWCs) through State/UT Governments. At these Ayush HWCs, Yoga is being taught to the public including Rural Women for general health promotion as community-based intervention by qualified Yoga Instructors.

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**GOVERNMENT OF INDIA  
MINISTRY OF AYUSH**

**LOK SABHA  
UNSTARRED QUESTION NO. 4988  
ANSWERED ON 31/03/2023**

**“Production and Processing of Herbs”**

**4988. SHRI M. SELVARAJ:**

Will the Minister of AYUSH be pleased to state:

- (a) whether any special scheme has been launched for the production and processing of herbs in the country including Tamil Nadu and if so, the details thereof;
- (b) whether provisions have been made for marketing and imparting training to the farmers in the technology required under the said scheme and if so, the details thereof;
- (c) whether there is any proposal to connect the farmers with the new research;
- (d) if so, the details thereof; and
- (e) whether skill development is being carried out in this sector and if so, the details thereof?

**ANSWER**

**THE MINISTER OF AYUSH  
(SHRI SARBANANDA SONOWAL)**

a) Yes, Sir. Ministry of Ayush, Government of India had implemented “Centrally Sponsored Scheme” of National Ayush Mission (NAM) to promote the cultivation of medicinal plants since 2015-16 to 2020-21. Under ‘Medicinal Plants’ component of the National Ayush Mission (NAM) Scheme, market driven cultivation of 140 prioritized medicinal plants in identified clusters/zones was supported and implemented in a mission mode through selected State Implementing Agencies throughout the country including Tamil Nadu. As per the scheme guidelines, the support was provided for:

- (i) Cultivation of prioritized medicinal plants on farmer’s land.
- (ii) Establishment of nurseries with backward linkages for raising and supply of Quality Planting Material.

- (iii) Post-Harvest Management with forward linkages.
- (iv) Primary processing, marketing infrastructure etc.

Till date, Ministry of Ayush had supported 56,305 hectare area under cultivation of medicinal plants and 25 no. of processing units throughout the country including Tamil Nadu from the financial year 2015-16 to 2020-21. Detail is given at **Annexure – I**.

b) Yes, Sir. There was a provision to provide the financial assistance for establishment of marketing infrastructure viz. rural / district collection centres / retail outlets under medicinal plants component of National Ayush Mission (NAM) scheme. The state / UT wise detail of marketing infrastructure is given at **Annexure – II**.

Under the same scheme, the financial assistance was also provided to the State Implementing Agency for organization of training programmes to the farmers on Good Agricultural Practices and Good Field Collection Practices of medicinal plants. Till date, Ministry of Ayush had supported 19061 farmers for the training under flexi component of National Ayush Mission (NAM) scheme throughout the country from the F.Y. 2015-16 to 2020-21. The state / UT wise detail of farmers is given at **Annexure – II**.

(c) & (d) No, Sir. However, National Medicinal Plants Board, Ministry of Ayush under its Central Sector Scheme on ‘Conservation, Development and Sustainable Management of Medicinal Plants’ provides project based financial support to carryout research activities on various aspects of medicinal plants to the universities / research institutions/organizations across the country. The details of research projects supported during financial year 2018-19 to 2022-23 theme-wise for different research activities on various aspects of medicinal plants are given below:

**Details of projects sanctioned for various research activities during financial year 2018-19 to 2022-23.**

<b>Sr. No.</b>	<b>Research Areas</b>	<b>Number of Projects</b>
1.	Survey, identification, characterization and conservation of medical plants	05
2.	Post-harvest Management, assessment of heavy metals and integrated post management	07
3.	Varietal development and prospect of marketing	02
4.	Genotype identification, genetic improvement, genome study and germplasm collection & conservation	07
5.	Development of agro techniques, standardization of nursery techniques and cultivation practices	08
6.	In-vitro propagation studies, micro-propagation chemical & molecular profiling and phyto-chemicals evaluation	15

7.	Bioactivity guided fractionation studies and pre-clinical studies	08
8.	Intercropping and sustainable production technology	02
9.	Documentation and development of geo-tag digital library	04
10.	Finding out substitute and authentication of raw drugs	09
<b>Total</b>		<b>67</b>

(e) Yes, Sir. The National Medicinal Plants Board, Ministry of Ayush, Government of India is presently implementing Central Sector Scheme on “Conservation, Development and Sustainable Management of Medicinal Plants” throughout the country. Under the same scheme, NMPB, Ministry of Ayush has supported 562 projects to State Forest Departments for Conservation, Resource Augmentation of medicinal plants and support to JFMCs/BMCs etc. for value addition and livelihood generation in forest areas, 264 projects under Information, Education and Communication (IEC) activities to aware the local masses about the medicinal plants, 89 projects for establishment of nurseries to raise the quality planting material, 19 projects under marketing of medicinal plants and 224 projects for establishment of herbal garden throughout the country since its inception. Detail is given at **Annexure – III**.

**Annexure – I**

Detail of area **supported under cultivation of medicinal plants and processing units** under Medicinal Plants Component of National AYUSH Mission (NAM) scheme from **the financial year 2015-16 to 2020-21**

<b>S. No.</b>	<b>State</b>	<b>Area supported under cultivation (In ha)</b>	<b>Number of Processing Unit</b>
1	Andhra Pradesh	4350	0
2	Arunachal Pradesh	364	0
3	Assam	624	0
4	Bihar	175	7
5	Chhattisgarh	400	1
6	Goa	113	0
7	Gujarat	936	3
8	Haryana	420	0
9	Himachal Pradesh	236	0
10	Jammu & Kashmir	141	4
11	Karnataka	3926	1
12	Kerala	2269	0
13	Madhya Pradesh	12551	0
14	Maharashtra	1290	2
15	Manipur	616	0
16	Meghalaya	178	0
17	Mizoram	373	1
18	Nagaland	752	0
19	Orissa	866	0
20	Puducherry	50	0
21	Punjab	598	0
22	Rajasthan	4113	4
23	Sikkim	237	0
24	Tamil Nadu	3931	0
25	Telangana	1674	0
26	Tripura	256	0
27	Uttarakhand	802	0
28	Uttar Pradesh	12300	0
29	West Bengal	1764	2
<b>TOTAL</b>		<b>56305</b>	<b>25</b>

## Annexure-II

State/UT wise details of Marketing Infrastructure (rural / district collection centres / retail outlets), **Information, Education & Communication** (IEC) activities and number of farmers (trained) supported under Medicinal Plants Component of National AYUSH Mission (NAM) scheme from the financial year 2015-16 to 2020-21.

S. No.	State	Marketing infrastructure	IEC activities under Flexi component	Number of farmers for Training
1	Andhra Pradesh	1	12	385
2	Arunachal Pradesh	0	1	275
3	Assam	5	2	350
4	Bihar	0	3	700
5	Chhattisgarh	2	6	600
6	Goa	0	1	120
7	Gujarat	1	9	1200
8	Haryana	0	6	75
9	Himachal Pradesh	0	3	0
10	Jammu & Kashmir	1	4	1207
11	Karnataka	0	14	375
12	Kerala	5	5	200
13	Madhya Pradesh	1	64	1590
14	Maharashtra	1	2	300
15	Manipur	2	3	450
16	Meghalaya	1	4	100
17	Mizoram	1	10	1100
18	Nagaland	0	1	0
19	Orissa	0	3	200
20	Puducherry	0	0	50
21	Punjab	0	10	450
22	Rajasthan	6	18	2500
23	Sikkim	0	1	0
24	Tamil Nadu	0	0	250
25	Telangana	6	12	1235
26	Tripura	0	0	249
27	Uttarakhand	0	3	1000

28	Uttar Pradesh	8	32	3200
29	West Bengal	1	6	900
<b>TOTAL</b>		<b>42</b>	<b>235</b>	<b>19061</b>

**Annexure – III**

**State/UT wise details of projects supported under Central Sector Scheme on “Conservation, Development and Sustainable Management of Medicinal Plants”**

S. No.	State	No. of Project supported				
		Conservation, Resource Augmentation of medicinal plants and support to JFMCs/BMCs	Quality Planting Material	Information, Education & Communication	Marketing and Trade	Institutional Herbal Garden
1	Andaman & Nicobar	3	0	0	0	2
2	Andhra Pradesh	18	6	5	0	10
3	Arunachal Pradesh	18	1	6	0	3
4	Assam	8	3	13	0	13
5	Bihar	0	1	0	0	1
6	Chhattisgarh	38	0	1	0	2
7	Chandigarh	1	0	0	0	0
8	Delhi	0	3	44	10	14
9	Dadra Nagar Haveli	2	0	0	0	0
10	Goa	4	1	0	0	2
11	Gujarat	39	2	6	0	11
12	Haryana	9	0	3	0	8
13	Himachal Pradesh	17	1	4	0	5
14	Jammu & Kashmir	7	3	2	0	9
15	Jharkhand	10	3	4	0	4
16	Karnataka	32	2	19	0	10
17	Kerala	33	5	10	0	26
18	Ladakh	0	0	2	0	0
19	Madhya Pradesh	44	4	16	1	1
20	Maharashtra	43	4	19	1	21
21	Manipur	14	3	3	0	2
22	Meghalaya	9	0	3	0	0
23	Mizoram	25	1	1	0	3
24	Nagaland	11	3	3	0	1



25	Orissa	27	2	10	0	7
26	Pondicherry	0	0	0	0	1
27	Punjab	9	3	8	0	6
28	Rajasthan	22	3	9	2	9
29	Sikkim	31	2	1	0	0
30	Tamil Nadu	12	1	21	0	14
31	Telangana	2	4	6	3	5
32	Tripura	14	0	0	0	0
33	Uttar Pradesh	11	5	11	0	12
34	Uttarakhand	39	19	14	0	11
35	West Bengal	10	4	20	2	11
	<b>Total</b>	<b>562</b>	<b>89</b>	<b>264</b>	<b>19</b>	<b>224</b>

**GOVERNMENT OF INDIA  
MINISTRY OF AYUSH**

**LOK SABHA  
UNSTARRED QUESTION NO.5052  
ANSWERED ON 31<sup>st</sup> March , 2023**

**Ayurveda Colleges and Hospitals**

5052. SHRI SUNIL KUMAR SINGH:  
SHRI JANARDAN SINGH SIGRIWAL:

Will the Minister of AYUSH be pleased to state:

(a) the details of Ayurveda colleges and hospitals established under the National AYUSH Mission in the country, State/UT-wise including Jharkhand and Bihar;

(b) the number of Primary Health Centres, Community Health Centres and District Hospitals providing AYUSH treatment facilities in the country including Chatra, Latehar and Palamu districts of Jharkhand and Maharajganj Parliamentary Constituency in Bihar; and

(c) the steps taken/being taken by the Government to ensure availability of quality AYUSH medicines/ medical education at affordable prices in the country?

**ANSWER**  
**THE MINISTER OF AYUSH**  
**(SHRI SARBANANDA SONOWAL)**

(a) Public Health being a State subject, establishment of Ayurveda colleges and hospitals in the country including Jharkhand and Bihar comes under the purview of the respective State/UT Governments. However, under the Centrally Sponsored Scheme of the National AYUSH Mission (NAM), there is a provision of financial assistance for establishment of new AYUSH colleges including Ayurveda in the States where availability of AYUSH teaching institutions is inadequate in Government Sector and establishment of 50/30/10 bedded Integrated AYUSH Hospitals. Under NAM, as per the proposal received from State/UT Governments through State Annual Action Plans (SAAPs), the detailed status of new Ayurveda colleges and integrated AYUSH hospitals approved under NAM, State/UT-wise including Jharkhand and Bihar is furnished at **Annexure-I**.

(b) The responsibility for strengthening of healthcare system lies with respective State/UT Governments. Under National Health Mission (NHM), Ministry of Health and Family Welfare, Government of India provides financial and technical support to the States/UTs to strengthen their healthcare systems based on the Programme Implementation Plans (PIPs) submitted by the States/UTs within their overall resource envelope.

Under NHM, engagement of Ayurveda Yoga & Naturopathy, Unani, Siddha and Homoeopathy (AYUSH) doctors/ paramedics is supported, provided they are co-located with existing District Hospitals (DHs), Community Health Centres (CHCs) and Primary Health Centres (PHCs) with priority given to remote PHCs and CHCs. The status of AYUSH Co-located facilities under NHM, as per NHM MIS Report (as on September 2022), is furnished at **Annexure-II**.

(c) The Drugs & Cosmetics Act, 1940 and Drugs & Cosmetics Rules, 1945 have exclusive regulatory provisions for Ayurvedic, Siddha and Unani (ASU) medicines. Section 3(a), 3(h)(i) of the Act exclusively pertain to ASU medicines and similarly regulatory provisions for Ayurvedic, Siddha and Unani drugs are prescribed in Rules 151 to 170 of Drugs & Cosmetics Rules, 1945.

As prescribed in Drugs and Cosmetics Act 1940 and Rules 1945 made thereunder, enforcement of the legal provisions pertaining to Quality Control and issuance of drug license of Ayurveda, Siddha, Unani and Homoeopathy drugs, is vested with the State Drug Controllers/ State Licensing Authorities appointed by the concerned State/ Union Territory Government.

Ministry of Ayush has started implementing Central Sector Scheme AYUSH Oushadhi Gunvatta Evam Utpadan Samvardhan Yojana (AOGUSY), with effect from 16.03.2021, with total financial allocation of Rs. 122.00 crores for five years. The components of scheme are as under:

- A. Strengthening and up-gradation of Ayush Pharmacies and Drug Testing Laboratories to achieve higher standards.
- B. Pharmacovigilance of ASU &H drugs including surveillance of misleading advertisements.
- C. Strengthening of Central and State regulatory frameworks including Technical Human Resource & Capacity Building programs for Ayush drugs.
- D. Support for development of standards and accreditation/certification of Ayush products & materials in collaboration with Bureau of Indian Standards (BIS), Quality Control of India (QCI) and other relevant scientific institutions and industrial R&D centres.

Detailed guidelines are available at

<https://cdn.ayush.gov.in/wpcontent/uploads/2021/10/Guidelines-AOGUSY.pdf>

Further , the following reforms have been taken for bringing transparency & improve quality education in AYUSH institutions:

- i. National Commission for Indian System of Medicine (NCISM) has prepared 1<sup>st</sup> professional competency based/outcome based syllabus that aligns with the National Education Policy (NEP).
- ii. The syllabus are bar coded to facilitate the students for downloading of the syllabus
- iii. Same Activities scheduled for second and third professional subjects.
- iv. Regulation for Minimum Standard of Education are published for ASU system and implemented from 2021-22 wherein undergoing Medical Education Technology (MET)/ Quality Improvement Program (QIP) is mandatory for every teacher once in a every three years.
- v. NCISM initiated Electives, online course in ISM (Ayurveda, Unani and Siddha) from 2021-22 which introduced in B.A.M.S./BUMS/BSRMS curriculum to provide opportunity to student of ASU courses to get introduced, exposed and oriented to various allied subjects that are required to understand and build inter-disciplinary approach
- vi. NCISM organized master training programme on “Scientific Writing, Research Integrity and Publication Ethics” for the 60 master trainers i.e. PG Guide of ASU system. The training program was customized to the needs of teachers from ASU institutions.
- vii. A uniform entrance examination namely, the National Eligibility Entrance Test (NEET) for admission to all Ayurveda, Siddha, Unani and Homoeopathy (ASU & H) Under-graduate courses.
- viii. A uniform entrance examination namely, the All India AYUSH Post Graduate Entrance Test (AIAPGET) for admission to postgraduate course in all ASU & H Institutions.

- ix. All India Quota Seats has been created: Minimum 15% of the total seats (which may be more as per existing rules of the concerned State/University/Institutes) of all ASU & H (UG & PG) courses in Government, Government aided, Private Colleges, Deemed Universities, Central Universities and National Institutes from academic year 2019-20.

**Annexure-I**

**(i) The State/UT wise, new Ayurveda College approved under National AYUSH Mission**

Sl. No.	Name of the State/UT	Location
1.	Gujarat	Government Ayurveda College, Surendranagar
2.	Uttar Pradesh	State Ayurvedic Medical College, Ayodhya

**(ii) State/UT wise integrated AYUSH Hospital approved under National AYUSH Mission**

Sl. No.	State/UT	Location
32.	Andaman Nicobar Islands	Port Blair
33.	Andhra Pradesh	Kakinada
		Visakhapatnam
34.	Assam	Goalpara
		Majuli
<b>35.</b>	<b>Bihar</b>	<b>Patna</b>
36.	Chandigarh	Chandigarh
37.	Chhattisgarh	Champa
		Mahasamund
		Koria
		Korba
		Kanker
		Narayanpur
		Bijapur
		Dantewada
		Raipur
		Bilaspur
		Durg
		Sarguja District Headquarter
		DalliRajhara
38.	Goa	South Goa
39.	Haryana	Hisar
40.	Himachal Pradesh	Kullu
		Mandi
41.	Jammu & Kashmir	Kishtwar
		Kupwara
		Bilawar
		Kulgam
42.	<b>Jharkhand</b>	<b>Ranchi</b>

43.	Karnataka	Gadag
		Mangalore
44.	Kerala	Chalaky, Thrissur
		Mattannur, Kannur
45.	Lakshadweep	Kavaratti
46.	Maharashtra	Nandurbar
		Sindhudurg
		Pune
		Ahmednagar
47.	Manipur	Moreh, Chandel District
		Churancandpur
		KwakeithelKonjengLeikai
		Keirao AC, Imphal East District
48.	Madhya Pradesh	Bhopal
		Indore
		Narsinghpur
		Amarkantak
		Mandleshwar
		Balaghat
49.	Meghalaya	Sohra (Cherapunje), East Khasi Hills
		Umtrew, Ri Bhoi District
50.	Mizoram	Aizwal
51.	Nagaland	Noklak, Tuensang District
		Razha, Chedema
		Sapangya (Chungtia)
		Yachem, Longleng
52.	Odisha	Dhenkanal
		Behrampur
		Balasore
53.	Puducherry	Villanur
		Yanam
54.	Punjab	Moga
		DayalpurSodhiaZirakpur
55.	Rajasthan	Bhilwara
		Ajmer
		Churu
		Bikaner
		Jaipur
56.	Sikkim	Sikar
		Kyongsa, West Sikkim
57.	Tamil Nadu	Theni
		Thiruvannamalai

		Pudukkottai
58.	Telangana	Anantgiri, Vikarabad, Rangareddy Distt.
		Bhupalpalli(V&M), Jayashankar Bhupalpalli District.
		Siddipet Head Quarters
59.	Tripura	Paradise Chowmuhani, Agartala
		Sabroom, South Tripura
60.	Uttar Pradesh	Bulandshahar
		Bilhour, Kanpur
		West Katli, Lucknow
		Badrasi, Varanasi
		Nawabganj, Bareilly
		Basti
		Sirathu Kaushambi
		Sonbhadra
		Orai Jalaun
		Sant Kabir Nagar
		Saharanpur
		Deoria
		Lalitpur
		Amethi
		Kanpur Dehat
		Firozpur, Balia District
		Raebareli
		Baghpat
		Fatehpur
		Shravasti
Unnao		
Hardoi		
Gorakhpur		
Sambhal		
61.	Uttarakhand	Haldwani
		Jakhnidhar, Tehri
		Tanakpur, Champawat
62.	West Bengal	Tapsikhata, Alipurduar District
		Paschim Midnapore

## Annexure -II

## Status of AYUSH Co-located Facilities under National Health Mission (NHM)

Sl.no.	State	DH	CHC	Other than CHC at or above block level but below district level	PHC	Other health facilities above SC but below block level	Total
1	<b>Bihar</b>	<b>36</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1348</b>	<b>1384</b>
2	Chhattisgarh	18	98	0	454	0	570
3	Himachal Pradesh	0	0	0	0	0	0
4	Jammu & Kashmir	15	13	0	375	571	974
5	<b>Jharkhand</b>	<b>24</b>	<b>48</b>	<b>0</b>	<b>97</b>	<b>267</b>	<b>436</b>
6	Madhya Pradesh	36	98	0	289	0	423
7	Orissa	0	292	0	858	0	1150
8	Rajasthan	1	172	2	433	1	609
9	Uttar Pradesh	102	666	0	627	105	1500
10	Uttarakhand	13	53	7	44	0	117
11	Arunachal Pradesh	15	34	0	50	5	104
12	Assam	0	0	0	0	0	0
13	Manipur	7	17	1	78	0	103
14	Meghalaya	11	24	0	55	0	90
15	Mizoram	12	9	1	9	24	55
16	Nagaland	9	20	0	9	0	38
17	Sikkim	4	1	0	4	0	9
18	Tripura	3	21	11	84	0	119
19	Andhra Pradesh	9	105	0	273	0	387
20	Goa	2	6	2	24	1	35
21	Gujarat	0	0	0	860	0	860
22	Haryana	21	97	0	109	5	232
23	Karnataka	14	70	105	414	0	603
24	Kerala	0	0	0	0	0	0
25	Maharashtra	23	238	0	20	0	281
26	Punjab	23	62	23	123	0	231
27	Tamil Nadu	20	385	0	475	0	880
28	Telangana	5	46	42	479	137	709
29	West Bengal	8	280	70	368	159	885
30	A&N Island	3	4	0	20	0	27
31	Chandigarh	1	2	2	0	27	32
32	D&N Haveli/D&D	2	4	1	9	1	17
33	Delhi	0	0	0	0	182	182



34	Ladakh	2	4	0	32	0	38
35	Lakshadweep	2	3	0	4	0	9
36	Puducherry	4	4	0	39	0	47
	All India	445	2876	267	6715	2833	13136

Source: NHM-MIS report as on September, 2022

GOVERNMENT OF INDIA  
MINISTRY OF AYUSH  
**LOK SABHA**  
**UNSTARRED QUESTION NO.-5053**  
ANSWERED ON 31/03/2023

**Regulation of Fees in Ayurvedic Colleges/Universities**

**5053. SHRI RANJEETSINGH NAIK NIMBALKAR:**

**SHRI DILIP SAIKIA:**

**SHRI DEVJI M. PATEL:**

Will the Minister of **Ayush** be pleased to state:

- (a) the total number of Ayurvedic Colleges and Universities in the country, State/UT-wise including North Eastern States;
- (b) the total number of Government and private run Colleges and Universities especially in Maharashtra, Rajasthan and North Eastern States;
- (c) the total number of students enrolled in these institutions;
- (d) whether there is a regulation of fees in the private Ayurvedic Colleges and Universities; and
- (e) if not, whether the Government will regulate the same?

**ANSWER**

**MINISTRY OF AYUSH**  
**(SHRI SARBANANDA SONOWAL)**

- (a) State/UT-wise including North Eastern States number of Ayurvedic Colleges and Universities to which they are affiliated, is at **Annexure-I**.
- (b) The details of Government/Private Colleges and Universities to which they are affiliated in the mentioned States are as follows:-

Sr. No.	State	Govt.	Private	Total	Number of Universities
1	Maharashtra	22	78	100	05
2	Rajasthan	9	9	18	06
3	North Eastern States	1	0	1	01

(c) As per the information obtained from the National Commission for Indian System of Medicine (NCISM) the total number of students enrolled till date in above mentioned States for the Session- 2022-23 is **6857 (Six Thousand Eight Hundred Fifty Seven)**.

(d) & (e) Yes sir, there is a regulation of fees in the private Ayurvedic Colleges and Universities. As per Regulation 16 of the National Commission for Indian System of Medicine (Minimum Standards of Undergraduate Ayurveda Education) Regulations -2022, dated 16th February, 2022 “Tuition fee as laid down and fixed by respective governing or fee fixation committees as applicable shall be charged for four and half years only and no tuition fee shall be charged for extended duration of study in case of failing in examinations or by any other reasons and there shall not be any fee for internship doing in the same institute”. Link for Gazette notification: (<https://ncismindia.org/MSE%202022%20Ayurveda%20NCISM%20Gazette%20notification.pdf>) .

Further, it is mentioned that Indian Medicine Central Council Act, 1970 (IMCC Act) has been repealed and replaced with National Commission for Indian System of Medicine Act, 2020 and all the provisions of NCISM Act, 2020 has come into force with effect from 11th June, 2021. Link for Gazette notification: (<https://egazette.nic.in/WriteReadData/2021/227525.pdf>). Further, as per section 10. (1), (i) of NCISM Act, 2020 the Commission shall “frame guidelines for determination of fees and all other charges in respect of fifty per cent of seats in private medical institutions and deemed to be Universities which are governed under the provisions of this Act”.

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**Annexure-I**

<b>Total number of Ayurvedic Colleges and Universities in the Country, State/UT wise including North Eastern States</b>			
<b>Sr.no</b>	<b>State</b>	<b>Number of Universities</b>	<b>Affiliated Ayurveda Colleges</b>
1.	Andhra Pradesh	1	3
2.	<b>Arunachal Pradesh</b>	<b>0</b>	<b>0</b>
3.	<b>Assam</b>	<b>1</b>	<b>1</b>
4.	Andaman and Nicobar Islands	0	0
5.	Bihar	2	9
6.	Chandigarh	1	1
7.	Chhattisgarh	1	6
8.	New Delhi	3	3
9.	Dadra Nagar Haveli and Daman Diu	0	0
10.	Goa	1	2
11.	Gujarat	13	39
12.	Haryana	5	13
13.	Himachal Pradesh	2	4
14.	Jammu and Kashmir	1	2
15.	Jharkhand	1	1
16.	Karnataka	3	92
17.	Kerala	2	18
18.	Ladakh	0	0
19.	Lakshadweep	0	0
20.	Madhya Pradesh	15	33

21.	<b>Maharashtra</b>	<b>5</b>	<b>100</b>
22.	<b>Manipur</b>	<b>0</b>	<b>0</b>
23.	<b>Meghalaya</b>	<b>1</b>	<b>1</b>
24.	<b>Mizoram</b>	<b>0</b>	<b>0</b>
25.	<b>Nagaland</b>	<b>0</b>	<b>0</b>
26.	Orissa	4	6
27.	Pondicherry	1	1
28.	Punjab	2	17
29.	<b>Rajasthan</b>	<b>6</b>	<b>18</b>
30.	<b>Sikkim</b>	<b>0</b>	<b>0</b>
31.	Tamil Nadu	4	8
32.	Telangana	1	2
33.	<b>Tripura</b>	<b>0</b>	<b>0</b>
34.	Uttar Pradesh	22	92
35.	Uttarakhand	1	19
36.	West Bengal	3	4
	<b>Total</b>	<b>102</b>	<b>495</b>

Source of Information -NCISM

**GOVERNMENT OF INDIA**  
**MINISTRY OF AYUSH**  
**LOK SABHA**  
**UNSTARRED QUESTION NO. 5054**  
**ANSWERED ON 31<sup>st</sup> MARCH, 2023**

**Setting up of national level institutes in Karnataka**

5054. DR. UMESH G JADHAV:  
SHRI B.Y. RAGHAVENDRA:  
SHRI SANGANNAAMARAPPA:

Will the Minister of AYUSH be pleased to state:

- (a) whether the Government proposes to set up any national-level institute to provide modern training in AYUSH and traditional systems of medicine in Karnataka which is rich in forests and natural resources;
- (b) if so, the details thereof and if not, the reasons therefor;
- (c) whether any scheme is proposed for including natural and traditional systems of medicine in research work keeping in view that the residents of Karnataka have been using natural and traditional methods for treatment of diseases for a long time, if so, the details thereof; and

(d) if not, the reasons therefor?

**ANSWER**  
**THE MINISTER OF AYUSH**  
**(SHRI SARBANANDA SONOWAL)**

(a) & (b) Ministry of Ayush has no such proposal to set up any national level institute to provide modern training in AYUSH and traditional systems of medicine in Karnataka.

(c) & (d) No such scheme is proposed by the Ministry to include natural and traditional systems of medicine in research work keeping in view that the residents of Karnataka have been using natural and traditional methods for treatment of diseases. However, five autonomous Research Councils i.e. Central Council for Research in Ayurvedic Sciences (CCRAS), Central Council for Research in Yoga & Naturopathy (CCRYN), Central Council for Research in Unani Medicine (CCRUM), Central Council for Research in Siddha (CCRS) and Central Council for Research in Homoeopathy (CCRH) are working under Ministry of Ayush as Autonomous Organizations with a common mandate to initiate, develop, undertake and coordinate scientific research in fundamental and applied aspects in their respective systems of Ayush medicines.

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**GOVERNMENT OF INDIA**  
**MINISTRY OF AYUSH**  
**LOK SABHA**  
**UNSTARRED QUESTION NO. 5056**  
**ANSWERED ON 31.03.2023**  
**Ayurvedic Units**

5056. SHRI DHANUSH M. KUMAR:

SHRIMATI MANJULATA MANDAL:

Will the Minister of AYUSH be pleased to state:

- (a) whether the Government has decided to set up 26 Ayurvedic units in cities where Allopathic dispensaries are already functioning and if so, the details thereof;
- (b) whether the Government proposes to set up an Ayurvedic unit in Chandigarh and if so,

the details thereof and the time by which it is likely to be set up and if not, the reasons therefor;  
and

(c) whether the Government also proposes to create one pharmacist and one doctor post for each of the proposed new 27 Ayurvedic units and if so, the details thereof?

**ANSWER**

**THE MINISTER OF AYUSH  
(SHRI SARBANANDA SONOWAL)**

(a) Yes Sir & Madam. Ministry of Health and Family Welfare (MoHFW) vide Order No. Z.15025/ 36/ 2017/ DIR/ CGHS/ EHS dated 16.04.2019 has decided to set up 26 Ayurvedic Units in cities where Allopathic dispensaries are already functioning.

(b) Yes Sir & Madam. The Government has proposed to set up an Ayurvedic unit in Chandigarh vide MoHFW's Order No. Z.15025/ 36/ 2017/ DIR/ CGHS/ EHS dated 16.04.2019 and MoHFW has informed that opening of a new Unit is under the administrative control of the Additional Director of the concerned CGHS City.

(c) Yes Sir & Madam. Ministry of Health and Family Welfare vide Order No. Z.15025/ 36/ 2017/ DIR/ CGHS/ EHS dated 16.04.2019 has decided to create one post of Medical Officer and one post of Pharmacist for each of the new 26 Ayurvedic Units.

**GOVERNMENT OF INDIA  
MINISTRY OF AYUSH  
LOK SABHA**

**UNSTARRED QUESTION NO-5057  
TO BE ANSWERED ON 31.03.2023**

**MASS YOGA DEMONSTRATIONS/SESSIONS IN 100 CITIES**

**5057. SHRIMATI SANGEETA KUMARI SINGH DEO:  
SHRI RAJA AMARESHWARA NAIK:  
SHRI BHOLA SINGH:  
SHRI VINOD KUMAR SONKAR:**

**SHRI RAJVEER SINGH (RAJU BHAIYA):**  
**DR. JAYANTA KUMAR ROY:**  
**DR. SUKANTA MAJUMDAR:**

Will the Minister of **Ayush** be pleased to state:

- a) Whether the Government has proposed to organize the Mass Yoga demonstrations/sessions in 100 cities and 100 organizations activities;
- b) if so, the details thereof;
- c) whether the Government has recently organized an event “Yoga Mahotsav 2023” in Delhi to commemorate 100 days countdown to the 9<sup>th</sup> edition of International Day of Yoga 2023;
- d) if so, the details thereof; and
- e) the other steps being taken by the Government to give a wider promotion/publicity to Yoga and its utility and to kindle a mass movement to promote health/well-being and peace across the globe?

**ANSWER**

**THE MINISTER OF AYUSH**

**(SHRI SARBANANDA SONOWAL)**

**(a) & (b):** Yes, The guidelines to conduct countdown programme each day for 100 days are enclosed at Annexure A.

**(c) & (d):** Yes, the Ministry of Ayush has organized an event “Yoga Mahotsav 2023” on 13<sup>th</sup>-14<sup>th</sup> March, 2023 in Delhi to commemorate 100 days countdown to the 9<sup>th</sup> edition of International Day of Yoga 2023. The details are enclosed at Annexure B.

**(e):** Ministry of Ayush promotes Yoga in the country through its three autonomous bodies namely Morarji Desai National Institute of Yoga (MDNIY), New Delhi, Central Council for Research in Yoga & Naturopathy (CCRYN), New Delhi and National Institute of Naturopathy (NIN), Pune. MDNIY provides various courses for Yoga Education. CCRYN is the apex body for research and development in the Yoga and Naturopathy systems. NIN, a premier institute for Naturopathy organizes various activities related to Naturopathy and Yoga.

The activities and programs of MDNIY, CCRYN and NIN are available on the websites i.e. yogamdniy.nic.in, www.ccryn.gov.in and ninpune.ayush.gov.in respectively. Also, Ministry of Ayush has established a Yoga Certification Board (YCB) for the certification of Yoga professionals and the accreditation of Institutions under various categories.

At the initiative of the Hon'ble Prime Minister Shri Narendra Modi, the United Nations General Assembly took a historic decision in 2014 to declare 21st June as the International Day of Yoga. The Ministry of Ayush is the nodal Ministry for observation of the International Day of Yoga (IDY) every year. IDY observation is focused on a Mass Yoga demonstration based on Common Yoga Protocol (CYP) which is publicly available on the Yoga Portal (yoga.ayush.gov.in).

Also, Ministry is implementing the Centrally Sponsored Scheme of National Ayush Mission (NAM) through State/UT Governments for development & promotion of different Ayush systems in the country including Yoga and providing financial assistance to them as per the proposals received in their State Annual Action Plans (SAAPs). State/UT Governments may avail financial assistance by submitting proposals through State Annual Action Plans (SAAPs) as per the NAM guidelines.

Under National Ayush Mission (NAM), Ministry of Ayush is implementing the operationalization of 12,500 Ayush Health and Wellness Centres (HWCs) through State/UT Governments. At these Ayush HWCs, Yoga is being taught to the public for general health promotion as community-based intervention by qualified Yoga Instructors.

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**Annexure A**

**GUIDELINES TO CONDUCT COUNTDOWN PROGRAMME EACH DAY FOR 100  
DAYS W.R.T. IDY-2023**

1. The programme shall be widely advertised through different media – print, electronic and social media.



2. The programme shall be made live through the organisation's social media platforms and also the link of the same should be shared with MDNIY.
3. The Common Yoga Protocol (CYP) preferably to be practiced from 07:00 AM to 07:45 AM.
4. Seminar, lectures, discourses or workshop shall be conducted by involving the experts of Yoga and allied sciences as part of the countdown programme.
5. Efforts shall be made to have maximum participation in the CYP practice.
6. It is desired to organize the event with the participation of minimum 1000 people.
7. Local Government Organisations, NGOs, Schools, Colleges and different sections of the society shall be made part of the programme.
8. The organization has to celebrate IDY – 2023 on 21<sup>st</sup> June, 2023 with much more participation at the same city in a much larger scale where the countdown programme is being conducted.
9. The basic objective of the programme shall be the promotion of Yoga for health and well-being of common people.

**Yoga Mahotsav-2023**  
**To commemorate 100 days countdown to IDY-2023**  
**On 13-14 March, 2023 at 04.00 PM**  
**at Talkatora Indoor Stadium, New Delhi-110001**

- Ministry of Ayush, Government of India, organized the **Yoga Mahotsav-2023 - An Event to commemorate 100-days Countdown to International Day of Yoga-2023**, from **March 13-14, 2023** at Talkatora Indoor Stadium.
- This year's International Day of Yoga (IDY) endeavours to connect with larger global community, as India's G20 presidency theme "One World, One Health" resonates with the principle of "Vasudhaiva Kutumbakam".
- Shri Sarbananda Sonowal, Union Minister of Ayush and Ports, Shipping & Waterways inaugurated the Yoga Mahotsav 2023 in the august presence of Shri G. Kishan Reddy, Union Minister of Culture, Tourism and DoNER; Shri N. Biren Singh, Chief Minister of Manipur; Smt. Meenakshi Lekhi, Hon'ble Union Minister of State for External Affairs and Culture; Dr. Munjpara Mahendrabhai Kalubhai, MoS for Ayush & Women & Child Development; Vaidya Rajesh Kotecha, Secretary, Ministry of Ayush, Shri P.K Pathak, Special Secretary, Ministry of Ayush; Ms. Hima Das, International Athlete; Dr. H. R. Nagendra, Chancellor, SVYASA, Bengaluru; Shri Munishree Kamal Kumar, Terapanth Samaj Rajasthan; Senior officers of Ministry of Ayush and other dignitaries.
- The Yoga Mahotsav 2023 featured a wide range of activities which included informative talks/discourses by Yoga gurus, Vice Chancellors Summit on the topic - IDY- A Reflection on its Past and Opportunity for Future, experience sharing by heads of leading institutes on the topic: Yoga-Its Past/Present/Future, States/UTs Ayush Summit, Yoga Fusion/Demonstration, Yoga Rhythmic Performance, competitions like Quiz/Elocution/Poster presentation and Y- Break @ Workplace-Yoga in Chair & Common Yoga Protocol were also performed.
- Mass Yoga demonstrations/sessions took place in 100 places in Delhi NCR.

- This year, Yoga Mahotsav witnessed active participations from Gram Pradhans, Anganwadi Workers & Asha Workers/Self Help Groups, Ayush Health & Wellness Centres, Resident Welfare Associations (RWAs), Women Welfare Organisations, Post Graduate Yoga Departments/Universities/Yoga Universities/Yoga Colleges & Institutes/Ayurveda, Siddha Homeopathy & Unani Colleges/Naturopathy Colleges, Schools, Research Councils/National Institutes/Regulators and others.

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