GOVERNMENT OF INDIA
MINISTRY OF AYURVEDA, YOGA & NATUROPATHY, UNANI, SIDDHA AND HOMOEOPATHY (AYUSH)

RAJYA SABHA
STARRED QUESTION NO.95
TO BE ANSWERED ON THE 03RD MAY, 2016
RESEARCH AND DEVELOPMENT IN AYUSH

***95. SHRI RAMDAS ATHAWALE:**

Will the Minister of **AYURVEDA, YOGA & NATUROPATHY, UNANI, SIDDHA AND HOMOEOPATHY** be pleased to state:

(a) the number of herbal medicine research centres functioning in the country at present along with their number engaged in empirical research, State/UT-wise;

(b) whether Government provides training for production, extraction, storage and marketing of herbs, if so, the details thereof;

(c) whether any special scheme has been formulated to promote research in the AYUSH sector particularly for the development of quality, effectiveness and capacity of ayurvedic products; and

(d) if so, the details thereof along with the funds allocated for the said purpose?

ANSWER

THE MINISTER OF STATE (IC) OF THE MINISTRY OF AYURVEDA, YOGA & NATUROPATHY, UNANI, SIDDHA AND HOMOEOPATHY(AYUSH)
(SHRI SHRIPAD YESSO NAIK)

(a) to (d): A statement is laid on the Table of the House

(a): Under Ministry of AYUSH there are different Research Councils viz. Central Council for Research in Ayurvedic Sciences (CCRAS), Central Council for Research in Unani Medicine (CCRUM), Central Council for Research in Homoeopathy (CCRH) and Central Council for Research in Siddha (CCRS) who are looking after the research and development activities in the area of concerned system of medicines. Under these research councils there is a vast network of research institutions / centre / units in different parts of the country which are engaged in the area of Literary Research, Medicinal Plant Research, Drug Standardization (Phytochemical analysis) Research, Pharmacological Research and Clinical Research. The State / UT-wise details is at **Annexure-I.** Similarly, under the Central Sector Scheme for upgradation to Centres of Excellence (COE), total 10 herbal medicine research centre are functioning in the country at present. The state-wise details are at **Annexure-II**.

In addition, some premier research institutions under Council for Scientific and Industrial Research (CSIR) like Central Institute of Medicinal and Aromatic Plants (CIMAP), Lucknow; Indian Institute for Integrative Medicines (IIIM), Jammu; Institute of Himalayan Bioresource Technology (IHBT), Palampur; National Botanical Research Institute (NBRI), Lucknow; North East Institute of Science and Technology (NEIST), Jorhat and Directorate of Medicinal and Aromatic Plants Research (DMAPR), Anand, Gujarat under Indian Council for Agricultural Research (ICAR) are also engaged in research on herbal / medicinal plants used in herbal medicines.

(b): National Medicinal Plants Board (NMPB), Ministry of AYUSH under its "Central Sector Scheme on Conservation, Development and Sustainable Management of Medicinal Plants" organize training programmes, workshops, seminars for cultivation / production, processing / extraction, storage and marketing of herbs / medicinal plants through its Facilitation Centers in different states. During the last five years, a total of 32 such training programmes / workshops / Stakeholder meets were supported through these Facilitation Centres. In addition, during the last three years NMPB has also supported 57 projects in different states for conducting workshops / training / seminars etc. on various aspects of herbs / medicinal plants. Under this scheme, support is also being provided to different Joint Forest Management Committees (JFMCs) etc. for value addition activities like construction of drying yards, godown, semi-processing unit and training to JFMC members etc.

(c) & (d): There is an Extra Mural Research (EMR) Scheme of Ministry of AYUSH under which support is provided to public and private institutes which are competent to conduct research in the field of AYUSH sector. The major objective of this scheme is to develop evidence based support on the efficacy of AYUSH drugs and therapies, to encourage research on classical texts and investigate fundamental principles of AYUSH systems; to develop AYUSH products having Intellectual Property Rights (IPR) potential for increasing AYUSH exports. The total allocation under EMR Scheme during 2016-17 is Rs. 8.00 Crores. In addition, AYUSH councils are also conducting research on various aspects of AYUSH systems of medicine as in-house activity: CCRAS, CCRUM, CCRS & CCRH also do quality analysis and standardization of herbs for Ayurvedic, Unani, Siddha and Homeopathic products.

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Annexure-I

State / UT-wise Details of Research Institute / Centre / Unit under different Research Councils of Ministry of AYUSH, Government of India

Central Council for Research in Ayurvedic Sciences (CCRAS)

Sl. No.	Name of Institute	State / Union Territory
(1)	Ayurveda Tribal Health Care Research Project, Port Blair	Andaman & Nicobar Islands
(2)	National Ayurveda Research Institute for Vector Borne Diseases, Vijayawada	Andhra Pradesh
(3)	Ayurveda Regional Research Institute, Itanagar	Arunachal Pradesh
(4)	North East India Ayurveda Research Institute, Guwahati	Assam
(5)	Ayurveda Central Research Institute, Patna	Bihar
(6)	Ayurveda Central Research Institute, New Delhi	Delhi
(7)	Ayurveda Contraceptive Drug Research Institute, Ahmedabad	Gujarat
(8)	Ayurveda Regional Research Institute, Mandi	Himachal Pradesh
(9)	Ayurveda Regional Research Institute, Jammu	Jammu & Kashmir
(10)	National Research Institute for Sowa-Rigpa, Leh	
(11)	National Ayurveda Dietetics Research Institute, Bangalore	Karnataka
(12)	Advanced Center for Ayurveda in Mental Health & Neurosciences, Bangalore	
(13)	National Research Institute for Panchakarma, Cheruthuruthy	Kerala
(14)	Ayurveda Research Institute for Mother and Child Health Care, Trivandrum	
(15)	National Research Institute for Ayurveda -Siddha Human Resource Development, Gwalior	Madhya Pradesh
(16)	National Research Institute of Basic Ayurvedic Sciences, Pune	Maharashtra
(17)	Ayurveda Cancer Research Institute , Mumbai	
(18)	Ayurveda Mental Health Research Institute, Nagpur	
(19)	Herbal Ayurveda Research Centre, Nagaland	Nagaland
(20)	National Research Institute for Ayurveda Drug Development, Bhubaneswar	Odisha
(21)	National Institute of Ayurvedic Pharmaceutical Research, Patiala	Punjab
(22)	Ayurveda Central Research Institute, Jaipur	Rajasthan
(23)	Ayurveda Regional Research Institute, Gangtok	Sikkim
(24)	Captain Srinivasa Murthy Research Institute for Ayurvedic sciences Drug Development, Chennai	Tamilnadu

(25)	Dr. Achanta Lakshmipati Research Centre for Ayurveda, Chennai	
(26)	National Institute of Indian Medical Heritage, Hyderabad	Telengana
(27)	National Vriksha Ayurveda Research Institute, Jhansi	Uttar Pradesh
(28)	National Veterinary Ayurveda Research Institute, Lucknow	
(29)	Regional Research Institute of Himalayan Flora, Tarikhet, Ranikhet	Uttarakhand
(30)	National Research Institute for Ayurveda Drug Development, Kolkata	West Bengal

Central Council for Research in Unani Medicine (CCRUM)

S. No.	Name of the Institute	State / Union Territory
1.	Clinical Research Unit, Kurnool	Andhra Pradesh
2.	Regional Research Centre (RRC), Silchar (Cachar)	Assam
	Extension Centre of RRC, Silchar, Karimganj	
3.	Regional Research Institute of Unani Medicine, Patna	Bihar
4.	Regional Research Institute of Unani Medicine, New Delhi	Delhi
	Extension Centre of RRIUM, Unani Medical Centre, Dr. Ram Manohar Lohia Hospital, New Delhi	
	(Extension Centre of RRIUM, New Delhi) Unani Speciality Centre, Dr. Deen Dayal Upadhaya Hospital, New Delhi	
5.	Dr.Ajmal Khan Institute of Literary & Historical Research in Unani Medicine, Jamia Millia Islamia, Okhla, New Delhi	
	Unani Specialty Clinic & Regimenal Therapy Centre, Jamia Millia Islamia, Okhla, New Delhi	
	AYUSH Wellness Centre (Unani Wing), President Estate, New Delhi	
6.	Regional Research Institute of Unani Medicine, University of Kashmir, Srinagar	Jammu & Kashmir
7.	Clinical Research Unit (Unani), Kerala	Kerala
8.	Clinical Research Unit (Unani), National Institute of Unani Medicine, Bengaluru	Karnataka
9.	Clinical Research Unit (Unani), Department of Pharmacology, Bhopal	Madhya Pradesh
10.	Clinical Research Unit (Unani), Burhanpur	
11.	Clinical Research Pilot Project (Unani), Imphal East	Manipur
12.	Regional Research Institute of Unani Medicine, Mumbai	Maharashtra
13.	Regional Research Institute of Unani Medicine, Bhadrak	Odisha
14.	Regional Research Institute of Unani Medicine, Chennai	Tamil Nadu
15.	Central Research Institute of Unani Medicine, Hyderabad	Telangana
16.	Central Research Institute of Unani Medicine, Lucknow	Uttar Pradesh
17.	Regional Research Institute of Unani Medicine, Aligarh	
18.	Regional Research Centre (RRC), Allahabad	

19.	Drug Standardization Research Institute, Ghaziabad	
20.	Drug Standardization Research Unit, Ghaziabad	
21.	Clinical Research Unit (Unani), Cantonment General, Meerut	
22.	Chemical Research Unit, Aligarh	
23.	Regional Research Institute of Unani Medicine, Kolkata	West Bengal

Central Council for Research in Siddha (CCRS)

S. No.	Name of the Institute	State / Union Territory
1.	Siddha Regional Research Institute, Trivandrum	Kerala
2.	Siddha Regional Research Institute, Puducherry	Puducherry
3.	Siddha Central Research Institute, Chennai	Tamil Nadu
4.	Siddha Clinical Research Unit, Palayamkottai	
5.	Siddha Medicinal Plants Research Garden ,Mettur	

Central Council for Research in Homoeopathy (CCRH)

State -wise Institutes/Units (22)

Sl. No	Name of Institute/Unit	Name of the State/U.T
1.	**Clinical Research Unit (Homoeopathy),** Old Maternity Hospital Campus **Tirupathi -517507**	Andhra Pradesh
2.	**Regional Research Institute (Homoeopathy),** Dr. GGH Medial College Campus, Eluru Road, GUDIVADA – 521 301 (AP)	Andhra Pradesh
3.	**Drug Standardization Unit (Homoeopathy), and extension centre** Q.U.B. 32, Room No. 4,Vikram Puri, Habsigunda, **Hyderabad -500007**	Telangana
4.	**Regional Research Institute (Homoeopathy),** NEIARI, Ayurvedic Hospital Campus), Barsojai, Bhetapara, **Guwahati-781028**	Assam
5.	**Clinical Verification unit(Homoeopathy)** Guru Govind Singh Hospital, 2nd Floor, Patna City **Patna – 800008**	Bihar
6.	**Regional Research Institute (Homoeopathy),** House No.2, Type-D, Lane-1, Sector-1, Below B.C.S., **New Shimla -171009**	Himachal Pradesh

Sl. No	Name of Institute/Unit	Name of the State/U.T
7.	**Clinical Research Unit (Homoeopathy),** Arsunday, Boreya Road,P.O. Boreya, **Ranchi-835240**	Jharkhand
8.	**Central Research Institute (Homoeopathy),** Sachivothamapuram, **Kottayam-686532**	Kerala
9.	**Regional Research Institute (Homoeopathy),** **"**MTNL" Hall No.4, Shopping Centre, Sector-9,CBD Belapur**, Navi Mumbai- 400614**	Maharashtra
10.	**Regional Research Institute (Homoeopathy),** New Checkon, Maring Land, Opp. Trival Colony, **Imphal -795001**	Manipur
11.	**Regional Research Institute (Homoeopathy), and extension centre** CCRH Building, Marchi Kote Lane, Labanikhia Chaak**,** **Puri -752001**	Odisha
12.	**Regional Research Institute (Homoeopathy),** Dr. Madan Pratap Khuteta Rajasthan Homoeopathic Medical College & Hospital, Station Road, **Jaipur -302006**	Rajasthan
13.	**Clinical Research Unit (Homoeopathy),** In front of Samphel Hotel,Near Sangram Bhawan, Development Area**,** **Gangtok -737101**	Sikkim
14.	**Clinical Research Unit (Homoeopathy),** No. 19/9, Dr. Radha Krishna Nagar, Main Road, Thiruvanmiyur, **Chennai 600041**	Tamil Nadu
15.	Center of Medicinal Plants Research in Homoeopathy (CMPRH) 3/126, Indira Nagar, Emerald Post, Ooty, **Nilgiri Distt-643 209**	Tamil Nadu
16.	**Clinical Research Unit (Homoeopathy),** 1/4 Main Road, Colonel Chowmuhani, Krishnagar, **P.O. Agartala-799001**	Tripura

Sl. No	Name of Institute/Unit	Name of the State/U.T
17.	Dr. D.P. Rastogi Central Research Institute of Homoeopathy, A-1/1. Sector-24, **Noida-201301**	Uttar Pradesh
18.	**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**	Uttar Pradesh
19.	**Dr. Anjali Chatterjee Regional Research Institute of Homoeopathy** 50, Rajendra Chaterjee Road, **Kolkata-700035**	West Bengal
20.	**Clinical Research Unit (Homoeopathy),** Gokhel Road (Near Matri Bhandar), Arobindopally, **Siliguri – 734006**	West Bengal
21.	**Clinical Research Unit (Homoeopathy),** M.B. 31, Middle Point,Mahatma Gandhi Road**,** **Port Blair-744101**	Andaman and Nicobar
22.	**Clinical Research Unit (Homoeopathy),** 1st Cross, Mangalakshmi Nagar,(Behind New Bus Stand), **Puducherry- 605013.**	Puducherry

Annexure-II

State / UT-wise details of Herbal Medicinal Research Centre functioning under Centres of Excellence Scheme of Ministry of AYUSH

Sl. No.	Name & Address	Project / Title	State
1.	M.P. State Minor Forest Produce, Trading & Development Co-operative Federation, Khel Parisar, 74 Bungalows, Bhopal (M.P.)	Up gradation of the Quality Control and Research Laboratory to a Centre of Excellence	Madhya Pradesh
2.	Deendayal Research Institute, Siyaram Kutir, Chitrakoot, distt. Satna, Madhya Pradesh - 485780	Centre of excellence in drug standardization & quality control of Ayurvedic – Unani medicines	Madhya Pradesh
3.	Arya Vaidya Sala, Kottakkal, AVS SQUARE (CHANGUVETTY), Kottakkal - 676503, Kerala	Centre for Medicinal Plants Research	Kerala
4.	Bhartiya Aushadhi Sanrakshan Avam Vikas Samiti, Mohan- 244715, Ramnagar, Distt. Nainital (Uttarakhand)	Centre of Excellence on product standardization and process standardization	Uttarakhand
5.	FRLHT, Institute of Ayurveda and Integrative Medicine, 74/2, Jarakabande Kaval, Post Attur, Via Yelahanka, Bangalore - 560106	For facilitating their Hospital, Institute of Ayurveda and Integrative Medicines Research Hospital and Training Centre	Karnataka
6.	Research Institute in Indian Systems of Medicines. Jogindenagar, Distt. Mandi (H.P.)	Centre of Excellence in Dravyaguna and Medicinal Plants at Joginder Nagar	Himachal Pradesh
7.	Ramkrishna Mission Ashrama Narendrapur Kolkata, West Bengal	Upgradation of existing laboratory facilities to test the quality of Ayurvedic Products-Establishment of Quality Testing Laboratory	West Bengal
8.	Ayurved Hospital & Research Centre, Bharatiya Sanskriti Darshan Trust. Vishwa Shanti Dham, Wagholi, Tal-Haveli, Distt. Pune – 412207,	Construction of Integrated cancer Treatment & Research Centre	Maharashtra

	Maharashtra		
9.	The Ayurvedic Trust, 136-137, Trichy Road, Ramanathapuram, Coimbatore - 641045	Up gradation to Centre of Excellence – Research Hospital for Rheumatology	Tamil Nadu
10.	Sastra University Thanjavur- 613401, Tamil Nadu	Establishing a Centre of Excellence in National Facility for the Scientific Manufacturing of Ayurvedic & Siddha- Rasa Aushadhies and Bhasmas	Tamil Nadu