

**GOVERNMENT OF INDIA
MINISTRY OF AYUSH
RAJYA SABHA
UNSTARRED QUESTION NO. 334
TO BE ANSWERED ON 06.02.2024**

‘Research centres for medicinal plants’

334. Dr. Ashok Kumar Mittal:

Will the Minister of Ayush be pleased to state:

- (a) whether Government has established any research centres to promote research and development on medicinal plants, State/UT-wise;
- (b) if so, the details thereof;
- (c) whether Government proposes to establish any research centre in Punjab;
- (d) if so, the details thereof along with the details of ongoing projects pertaining to medicinal plants; and
- (e) if not, the reasons therefor?

ANSWER

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

Ans. (a & b): Yes, Sir, presently, various Research Institutes/Centres/Units of different Research Councils under the Ministry of Ayush, Government of India, viz. Central Council for Research in Ayurvedic Sciences (CCRAS), Central Council for Research in Unani Medicine (CCRUM), Central Council for Research in Homoeopathy (CCRH), Central Council for Research in Siddha (CCRS), North Eastern Institute of Ayurveda & Folk Medicine Research (NEIAFMR) and the National Institute of Sowa Rigpa (NISR), have been established and engaged in the area of medicinal plant research across the country. State/UT-wise details of the Institutes/Centres are appended in **Annexure-I**.

Further, various national institutes under the Ministry of Ayush, viz. All India Institute of Ayurveda (AIIA), New Delhi; National Institute of Ayurveda (NIA), Jaipur; National Institute of Unani Medicine (NIUM), Bangalore; National Institute of Siddha (NIS), Chennai; Institute of Teaching and Research in Ayurveda, (I.T.R.A.), Institute of National Importance (INI), Jamnagar and North Eastern Institute of Ayurveda and Homoeopathy (NEIAH), Shillong are the

apex teaching institutes, also involved in academic research activities related to medicinal plants in the concerned systems of medicines across the country.

In addition, the constituent laboratory of the Council of Scientific & Industrial Research is a frontier organization working on medicinal plant research through its various laboratories/centres. State / UT-wise details are in **Annexure-II**.

Besides, the Directorate of Medicinal and Aromatic Plants Research (DMAPR), Anand, Gujarat, under the Indian Council for Agricultural Research (ICAR), conducts basic, applied and adaptive research on medicinal plants.

Ans. (c & d): No, Sir, there are already established Research Institutes / Centres / Units under the Research Council of the Ministry of Ayush, Government of India, which are actively engaged in medicinal plant research in Punjab state. The details of ongoing projects pertaining to medicinal plants in the different Research Councils of the Ministry of Ayush in Punjab are appended in **Annexure-III**.

In addition, the National Medicinal Plants Board (NMPB), Ministry of Ayush, under its Central Sector Scheme 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. Details of the ongoing project supported in Punjab are placed in **Annexure IV**.

Ans. (e). Not applicable.

Annexure-I

A. State / UT-wise details of Research Institute / Centre / Unit under Central Council for Research in Ayurvedic Sciences (CCRAS) involved in medicinal plant research:

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 Lakshmiapati Regional Ayurveda Research Institute, Chennai.
21.	Telangana	25) National Centre 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.

B. State / UT-wise details of Research Institute / Centre / Unit under Central Council for Research in Unani Medicine (CCRUM) involved in medicinal plant research:

S. No.	State/UT	Name and address of the Institute
1.	Andhra Pradesh	1) Clinical Research Unit, Dr. Abdul Haq Unani Medical College, Kurnool.
2.	Assam	2) Regional Research Institute of Unani Medicine (RRIUM), Veterinary Bazar, Ghungoor, Silchar.
3.	Bihar	3) Regional Research Institute of Unani Medicine, Guzri, Patna City, Patna.
4.	Delhi	4) Regional Research Institute of Unani Medicine, Jamia Nagar, Okhla, New Delhi.
		5) (Extension Centre of RRIUM, New Delhi) Unani Medical Centre, Dr. RML Hospital, New Delhi.
		6) (Extension Centre of RRIUM, New Delhi) Unani Speciality Centre Dr. Deen Dayal Upadhaya Hospital, New Delhi.
		7) (Extension Centre of RRIUM, New Delhi) Unani Medical Centre, Safdarjung Hospital, New Delhi.
		8) AUYSH wellness Center, President Estate, New Delhi.
		9) Integrated Ayush Clinic, All India Institute of Ayurveda, Sarita Vihar, New Delhi.
		10) Hakim Ajmal Khan Institute of Literary and Historical Research in Unani Medicine, Dr. M. A. Ansari Health Centre, Jamia Millia Islamia, Okhla, New Delhi.
		11) Drug Standardization Research Unit, Janakpuri, New Delhi.
5.	Jammu & Kashmir (UT)	12) Regional Research Institute of Unani Medicine, University of Kashmir Campus, Hazrat Bal, Srinagar, Jammu & Kashmir.
6.	Kerala	13) Clinical Research Unit (Unani), Kurupatil Nina Memorial, Alweye, Kerala.
		14) Extension Research Centre for Unani (Clinical Research Unit, Edathala), Pattiam Gram Panchayat, Kannur, Kerala.
7.	Karnataka	15) Clinical Research Unit (Unani), National Institute of Unani Medicine, Kottigepaliya, Magadi Main Road, Bengaluru.

8.	Madhya Pradesh	16) Clinical Research Unit (Unani), Department of Pharmacology Gandhi Medical College, Bhopal.
		17) Clinical Research Unit (Unani), S. H. Unani Tibbiya College, Ganpati Naka, Burhanpur.
9.	Maharashtra	18) Regional Research Institute of Unani Medicine, Kharghar, Navi Mumbai.
		19) Extension Centre of RRIUM, J.J. Hospital Compound, (Behind Eye Bank), Byculla, Mumbai.
		20) Unani Speciality Clinic, An Extension Centre of RRIUM, Mumbai.
10.	Manipur	21) Clinical Research Unit, Lamphel Road, Lamphelpat, Imphal, Manipur.
11.	Odisha	22) Regional Research Institute of Unani Medicine, Chandbali Bypass Road, Near Rural Police Station, Bhadrak.
12.	Tamil Nadu	23) Regional Research Institute of Unani Medicine, 1, West Meda Church Street, Royapuram, Chennai.
13.	Telangana	24) 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.
14.	Uttar Pradesh	25) Central Research Institute of Unani Medicine, Post & Village, Basaha Kursi Road, Lucknow.
		26) Regional Research Institute of Unani Medicine, Shah Jahan Manzil, Aligarh Muslim University, Aligarh.
		27) Drug Standardization Research Institute, Ghaziabad.
		28) Regional Research Centre (RRC), Kareli, Allahabad.
		29) Clinical Research Unit (Unani), Cantonment General Hospital (Sotiganj), Begum Bridge, Meerut.
		30) Chemical Research Unit, Department of Research in Unani Medicine, Near Office of Dean, Faculty of Science, A.M.U. Aligarh.
15.	West Bengal	31) Regional Research Institute of Unani Medicine, Near Jaiswal Hospital, Liluah, Howrah.

C. State / UT-wise details of Research Institute / Centre / Unit under Central Council for Research in Homoeopathy (CCRH) involved in medicinal plant research:

S. No.	State/UT	Name of the Institute
1	Tamil Nadu	Centre of Medicinal Plants Research in Homoeopathy, Ooty.

D. State / UT-wise details of the Research Institute / Centre / Unit under Central Council for Research in Siddha (CCRS) involved in medicinal plant research:

S. No.	State/UT	Name of the Institute
1)	Tamil Nadu	Siddha Central Research Institute, Chennai.
2)	Kerala	Siddha Regional Research Institute, Thiruvananthapuram.

E. State / UT-wise details of the Autonomous National Research Institute under the Ministry of Ayush, Government of India involved in medicinal plant research:

S. No.	State/UT	Name of the Institute
1)	Arunachal Pradesh	North Eastern Institute of Ayurveda & Folk Medicine Research (NEIAFMR), Pasighat.
2)	Ladakh	National Institute of Sowa Rigpa (NISR), Leh.

Annexure-II

A. State / UT-wise details of Research Institute / Centre / Unit under Council of Scientific & Industrial Research (CSIR) involved in medicinal plant research:

Sr. No	State/ UT	Name of the Institute
1.	Assam	Council of Scientific and Industrial Research (CSIR) - North East Institute of Science and Technology (NEIST), Jorhat.
2.	Himachal Pradesh	Council of Scientific and Industrial Research (CSIR)-Institute of Himalayan Bioresource Technology (IHBT), Palampur.
3.	Jammu & Kashmir	Council of Scientific and Industrial Research (CSIR)-Indian Institute Of Integrative Medicine (IIIM), Jammu.
4.	Uttar Pradesh	Council of Scientific and Industrial Research (CSIR)-Central Institute of Medicinal and Aromatic Plants (CIMAP), Lucknow.
5.	Andhra Pradesh	Council of Scientific and Industrial Research (CSIR)-Central Institute of Medicinal and Aromatic Plants (CIMAP) research centres at Hyderabad.
6.	Karnataka	Council of Scientific and Industrial Research (CSIR)-Central Institute of Medicinal and Aromatic Plants (CIMAP) research centres at Bangalore.
7.	Uttrakhand	Council of Scientific and Industrial Research (CSIR)-Central Institute of Medicinal and Aromatic Plants (CIMAP) research centres at Pantnagar & Purara.

Annexure-III

Details of ongoing projects pertaining to medicinal plants research conducting at Central Ayurveda Research Institute (CARI), Patiala, the periferal institute under Central Council for Research in Ayurvedic Sciences (CCRAS), Ministry of Ayush, Government of India, in Punjab State:

Sl. No.	Name of the project	Sanctioned Amount (in Rs.)
1.	Shelf-life study and development of markers- based qualification methods for Ayush-A, Ayush SC-3.	83,96,760/-
2.	Development of quality standards of selected medicinal plants Used in Ayurveda – to be initiated.	52,00,000/-
	Total	1,35,96,760/-

Annexure-IV

Details of ongoing projects supported by NMPB, Ministry of Ayush, under its Central Sector Scheme on Conservation, Development and Sustainable Management of Medicinal Plants on medicinal plants research in Punjab State:

Sr. No.	Project No.	Project Tittle	Details of Organization	Sanctioned Amount (Rs. in Lakhs)
1	PB-01/2019-20	Development of an interactive mobile app 'Q-CHECK' and parameter profiling for Quality Certification of Herbs from North India.	Maharaja Ranjit Singh Punjab Technical University, Bathinda, Punjab 151001.	22.76
2	PB-01/2020-21	Development of Scientific Monograph and Quality Standards for selected Indian Medicinal Plants	National Institute of Pharmaceutical Education and Research, SAS Nagar, Punjab	25.51
3	PB-02/2020-21	Q Marker: an Integrated Scientific Approach for Quality Control and Quality Assessment of Selected Indian Medicinal Plants	ISF College Of Pharmacy Ghal Kalan Moga Punjab-142001	13.26
Total				61.53