

GOVERNMENT OF INDIA

MINISTRY OF AYUSH

LOK SABHA

STARRED QUESTION NO. 161

TO BE ANSWERED ON 6th DECEMBER, 2024

Ayurgyan scheme

+* 161. Shri Ravindra Shukla Alias Ravi Kishan: and

Shri Tapir Gao:

Will the Minister of Ayush be pleased to state:

- (a) the details of the aims and objectives of the Ayurgyan Scheme;
- (b) whether the said scheme contributes in capacity building in the field of the AYUSH healthcare sector and promotes research and innovation in exploring and developing new drug therapies and methodologies within the AYUSH system of medicine;
- (c) whether the Government has made any efforts to integrate the knowledge of Ayurveda with the modern system of medicine, if so, the details thereof, State-wise including Chhattisgarh and Uttar Pradesh;
- (d) the projects launched by the Government on Ayurveda Day to strengthen the AYUSH healthcare system and to increase health awareness among the people;
- (e) the details of the research and innovations done in the field of AYUSH across the various States particularly in Uttar Pradesh during the last three years; and
- (f) the details of the funds sanctioned and released by the Government under the Ayurgyan scheme and utilized by various States particularly in Uttar Pradesh?

ANSWER

THE MINISTER OF STATE (IC) OF THE MINISTRY OF AYUSH

(SHRI PRATAPRAO JADHAV)

(a) to (f) A Statement is laid on the table of the House.

STATEMENT REFERRED TO IN REPLY TO LOK SABHA

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(a) Ministry of Ayush is implementing a Central Sector Scheme namely Ayurgyan Scheme since 2021-22 with the aim to support Research & Innovation in Ayush through Extra Mural Research activities and Education by providing academic activities, training, capacity building etc. The scheme has three components viz. (i) Capacity Building & Continuing Medical Education (CME) in Ayush (ii) Research & Innovation in Ayush and (iii) Ayurveda Biology Integrated Health Research (ABIHR). The ABIHR has been added under the scheme from the financial year 2023-24 as 3rd component. The aims and objectives of the scheme are placed at Annexure-I. Further, the detailed guidelines of the scheme are available on the portal of Ministry of Ayush (<https://ngo.ayush.gov.in/ayurgyan>).

(b) Yes, the component Capacity Building & Continuing Medical Education (CME) in Ayush of Ayurgyan Scheme contributes in capacity building in the field of the Ayush healthcare sector. Further, the components Research & Innovation in Ayush and Ayurveda Biology Integrated Health Research of Ayurgyan Scheme promote research and innovation in exploring and developing new drugs, therapies and methodologies within the Ayush system of medicine.

(c) Yes, the Ministry of Ayush has made following efforts to integrate the knowledge of Ayurveda with the modern system of medicine:

i) The component Ayurveda Biology Integrated Health Research under the Ayurgyan Scheme has aim to utilize the vast research potential available within the country and globally for studying effective integrative models for introducing Ayurveda in integration with basic sciences and Conventional system of medicine.

ii) The component Research & Innovation in Ayush under Ayurgyan scheme provides financial assistance to eligible organizations to conduct research projects in Ayush including integration of the knowledge of Ayurveda with the modern system of medicine.

iii) The component Capacity Building & Continuing Medical Education (CME) in Ayush under Ayurgyan Scheme has a provision for 6-days Orientation Training program (OTP) of Ayush systems for non-Ayush doctors/scientists.

iv) The component Centre of Excellence (CoE) under Ayurwashthya Yojana provides financial assistance to support creative and innovative proposals to the eligible organizations which have

well-established buildings and infrastructure and wish to work for Ayush systems to the level of Centre of Excellence.

Ayurgyan Scheme and Ayurswasthaya Yojana are being implemented throughout the country. Under the said schemes, funds are not allocated/sanctioned State-wise. Funds are being released directly to the eligible organizations, as per the provisions of the scheme guidelines.

v) National Commission of Indian System of Medicine has developed Ayush Module Internship Electives for MBBS for Ayurveda, Unani and Siddha system of medicine. Further, as per clause 10(7) of National Commission for Indian System of Medicine (Minimum Standards of Undergraduate Ayurveda Education) Regulation-2022, the proportion of modern advances in Syllabus for Ayurveda teaching content shall be upto 40 per cent.

vi) Central Council for Research in Ayurvedic Sciences (CCRAS), an autonomous organisation of Ministry of Ayush and Indian Council of Medical Research (ICMR) have joined hands to establish Ayush-ICMR Advanced Centre for Integrative Health Research (AI-ACIHR) at AIIMS across the country. These centres envisage to develop dynamic and vibrant ecosystem of integrative health research through integrating ancient wisdom (traditional medicine) with conventional bio-medicine, and modern technology to bring integrative healthcare to the people.

(d) The following projects of Ministry of Ayush were launched by Hon'ble Prime Minister during the Celebration of 9th Ayurveda Day on 29th October 2024:

- i. Nationwide campaign named 'Desh ka Prakriti Parikshan' promoting health awareness and highlighting the importance of holistic well-being as part of daily life.
- ii. Inauguration of Phase-II of All India Institute of Ayurveda, New Delhi.
- iii. Foundation stone laying of Central Research Institute of Yoga & Naturopathy (CRIYN), Raipur (Chhattisgarh) and Central Research Institute of Yoga & Naturopathy (CRIYN), Khorda (Odisha)
- iv. Inauguration of four (4) Centre of Excellence under Ayurswasthaya Yojana:
 - Centre of Excellence for Diabetes and Metabolic Disorders at the Indian Institute of Science, Bengaluru, focused on prediabetes and diabetes research and Ayurvedic formulation validation.

- Centre of Excellence in Sustainable Ayush at IIT Delhi, dedicated to developing advanced technological solutions, supporting start-ups, and creating net-zero sustainable solutions for “Rasaushadhis”.
- Centre of Excellence for Fundamental and Translational Research in Ayurveda at CDRI Lucknow, focused on advanced research in Ayurvedic botanicals like Ashwagandha.
- Centre of Excellence on Ayurveda and Systems Medicine at JNU, New Delhi, aimed at researching the molecular mechanisms of Ayurvedic treatments for rheumatoid arthritis using systems medicine.

(e) During the last 03 years, for research & innovation in the field of Ayush, financial assistance has been provided to the eligible organizations situated in various states including Uttar Pradesh for conducting 30 research projects, under Research & Innovation in Ayush and Ayurveda Biology Integrated Health Research component of Ayurgyan Scheme. Details are annexed at **Annexure-II**.

In addition to the above, research & innovation done by the Councils under Ministry of Ayush during the last 03 years are as follows: -

- Central Council for Research in Ayurvedic Sciences (CCRAS): 246 research projects and 517 publications of the outcomes of the research projects.
- Central Council for Research in Unani Medicine (CCRUM): 78 research projects and 359 publications of the outcomes of the research projects.
- Central Council for Research in Siddha (CCRS): 17 research projects and 270 research publications & 1 patent of the outcomes of the research projects.
- Central Council for Research in Homoeopathy (CCRH): 131 research projects and 200 research publications of the outcomes of the research projects.

(f) The Ayurgyan scheme is a Central Sector scheme. Therefore, fund under the scheme is not allocated/sanctioned State/UT-wise. Under the scheme, funds are released directly to the eligible institutions/organizations situated in different State/UT including Uttar Pradesh. Details of funds allocated and released under the scheme are annexed at **Annexure-III**.

Aims and Objectives of all three components of the Ayurgyan Scheme are as under :-

(A) Capacity Building & Continuing Medical Education (CME) in Ayush

- i. To create, enhance and develop constituent's capacity at country level in the AYUSH health care sector.
- ii. To improve health practices through AYUSH which are sustainable.
- iii. To encourage AYUSH professionals to undergo need-based professional orientation and professional skill development in an organized manner.
- iv. To update the professional knowledge of teachers and doctors to adopt good teaching practices and good clinical practices respectively.
- v. To encourage the use of Information technology and web-based education programmes for widespread dissemination of AYUSH developments and updates.
- vi. To train doctors in emerging trends of healthcare and scientific outcomes for keeping up the standards to health care delivery.
- vii. To provide information to doctors on professional journals to keep them professionally updated. AYUSH-CME Guidelines.
- viii. To encourage AYUSH paramedics and health workers to undergo periodical training for improving healthcare services in hospitals and dispensaries.
- ix. To arrange need-based management training programmes to administrators of AYUSH institutions and hospitals on health aspects for delivering quality services.
- x. To update regarding current trends in R & D activities for development of AYUSH systems and highlight the areas of research and avenues for collaborative activities.
- xi. To apprise regarding new Acts/Notifications and other information addressing regulatory issues in AYUSH systems etc.
- xii. To Standardize/validate and develop scientific evidence for AYUSH's research and Education;
- xiii. To make scientific exploration of AYUSH system with interdisciplinary approaches; to achieve need-based outcome in priority areas;

(B) Research & Innovation in AYUSH

- i. Development of Research and Development (R & D) based AYUSH Drugs for prioritized diseases;
- ii. To generate data on safety, standardization and quality control for AYUSH products and practices;
- iii. To develop evidence-based support on the efficacy of AYUSH drugs and therapies;

- iv. To encourage research on classical texts and investigate fundamental principles of AYUSH Systems;
- v. To generate data on heavy metals, pesticide residues, microbial load, safety/toxicity etc. in the raw drugs and finished Ayurveda, Siddha, Unani and Homoeopathy drugs;
- vi. To develop AYUSH products having Intellectual Property Rights (IPR) potential for increasing AYUSH exports
- vii. To develop the potential Human Resource in AYUSH systems, especially to inculcate scientific aptitude and expertise relating to AYUSH systems;
- viii. To develop joint research venture among the AYUSH Department and other Organizations/Institutes

(C) Ayurveda Biology Integrated Health Research

- i. To strengthen and advance the ongoing Ayurveda biology research by mean of following objectives:
 - a. To develop a sustainable platform in field of Ayurveda Biology meant for the basic understanding of the principles, procedures and products of Ayurveda in terms of modern sciences such as Molecular Biology, pharmacology, Immunology, biotechnology, bioinformatics, Chemistry etc.
 - b. Trans-disciplinary approach for understanding the pharmacokinetics and pharmacodynamics of Ayurveda Drugs and validating the bimolecular pathways and effects of Ayurveda Drugs.
- ii. To create an ecosystem of integrative health research for the convergence of evidence-based elements within Ayush systems in sync with biomedicine, bio-technology, biophysics, nano-technology, advances in IT and such other advanced technologies for pragmatic integrative health practice by doing the following:
 - a. To support high end integrative research with translational value for translation of Ayush based leads into public health.
 - b. Generation of molecular, clinical and real-world evidences to demonstrate safety, efficacy of Ayush interventions by synthesis of observations from diverse settings and develop protocols for tangible integrative practice.
 - c. To promote competitive technology development in the field of devices and diagnostic tools with eminent institutions who have shared interest in Ayush, Bio-medical engineering, Ayur-tech and integrative biology.

Annexure-II

The details of the organizations supported for the projects related to research and innovation under the Research & Innovation in Ayush and Ayurveda Biology Integrated Health Research components of Ayurgyan Scheme during last 03 years are as follow:

Research & Innovation in Ayush component

S.No.	Name of the organisation	State	Fund Released (In Rs.)
2021-22			
1.	Institute Medical Sciences, Banaras Hindu University, Varanasi	Uttar Pradesh	853704/-
2.	Govt. Siddha Medical College, Palayamkottai, Tirunelveli	Tamil Nadu	899100/-
3.	All India Institute of Medical Sciences	Delhi	3798048/-
4.	Bangalore Medical College and Research Institute (BMC&RI), Bengaluru	Karnataka	926100/-
2022-23			
5.	International Centre for Genetic Engineering and Biotechnology	Delhi	2058198/-
6.	All India Institute of Medical Sciences	Delhi	2164263/-
7.	All India Institute of Medical Sciences	Delhi	1851016/-
8.	All India Institute of Medical Sciences	Delhi	991872/-
9.	ICMR-National Institute of Epidemiology TNHB, Chennai	Tamil Nadu	1878280/-
10.	Bhupat and Jyoti Mehta School of Biosciences, Indian Institute of Technology Madras	Tamil Nadu	4149000/-
2023-24			
11.	AsthaGiri Herbal Research Foundation Perungudi Industrial Estate Perungudi Chennai	Tamil Nadu	3085200/-
12.	School of Bio-Sciences and Technology, Vellore Institute of Technology, Vellore	Tamil Nadu	2101840/-
13.	All India Institute of Medical Sciences	Delhi	1938684/-
14.	Maulana Azad Institute of Dental Sciences	Delhi	2761820/-
15.	All India Institute of Medical Sciences, Ansari Nagar	Delhi	2882205/-
16.	Jamia Hamdard	Delhi	2888600/-
17.	Central India Institute of Medical Sciences (CIIMS), Bajaj Nagar, Nagpur	Maharashtra	1529382/-
18.	Savitribai Phule Pune University Pune	Maharashtra	3526170/-
19.	JSS Ayurveda Medical College & Hospital, Mysuru	Karnataka	1793094/-
20.	Indian Institute of Technology, Roorkee	Uttarakhand	2698640/-
2024-25			
21.	Kasturba Medical College, Manipal Academy of Higher Education, Manipal	Karnataka	1992720/-
22.	SDM College of Medical Sciences & Hospital, Manjushree Nagar, Sattur, Dharwad	Karnataka	1471560/-

23.	National Institute of Technology, Rourkela, Odisha	Odisha	2973920/-
24.	Dr. ALM postgraduate Institute of Basic Medical Sciences, University of Madras, Taramani campus, Chennai	Tamil Nadu	2064060/-

Ayurveda Biology Integrated Health Research

Sl. No	Name of the Institution	State /UT	Fund released (Rs. In Lakhs)
2023-24			
1.	Laila Neutraceuticals, Vijaywada	Andhra Pradesh	560.00
2.	Dabur Research foundation, Ghaziabad	Uttar Pradesh	56.00
2024-25			
3.	Intox Pvt. Ltd. Pune	Maharashtra	498.50
4.	Adigyl Lifesciences Pvt. Ltd	Karnataka	499.32
5.	Jai Research Foundation, Valvada	Gujarat	498.85
6.	Laila Neutraceuticals, Vijaywada	Andhra Pradesh	499.54

Details of funds allocated and released under Ayurgyan Scheme from FY 2021-22 to till date (02/12/2024) are as follows: -

(In Crore)

Year	Capacity Building & CME in Ayush		Research & Innovation in Ayush		Ayurveda Biology Integrated Health Research		Total	
	Allocated funds	Released fund	Allocated funds	Released fund	Allocated funds	Released fund	Allocated funds	Released fund
2021-22	2.70	2.70	5.72	1.76	--	--	8.42	4.46
2022-23	6.25	6.25	4.25	2.82	--	--	10.50	9.07
2023-24	4.50	4.50	4.00	4.00	6.16	6.16	14.66	14.66
2024-25 (as on 02.12.2024)	4.50	2.99	4.00	2.05	40.00	19.96	48.50	25.00