

**GOVERNMENT OF INDIA
MINISTRY OF AYUSH**

**LOK SABHA
UNSTARRED QUESTION NO. 704
TO BE ANSWERED ON 26TH JULY, 2024**

“RESEARCH ON AYUSH SYSTEM OF MEDICINE”

704. SHRI SHRIRANG APPA CHANDU BARNE:

SHRI ARVIND GANPAT SAWANT:

SHRI SHYAMKUMAR DAULAT BARVE:

SHRI SANJAY HARIBHAU JADHAV:

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

(a) the details to funds allocated/utilized for the research in Ayurveda and AYUSH System of Medicine during the last five years;

(b) whether there is a need to improve the quality of AYUSH medicines and if so, the details thereof, and the steps taken by the Government to improve the quality of Ayurvedic medicines; and

(c) whether there is a need felt to integrate allopathic and AYUSH system of medicine and if so, the steps taken by the Government in this regard?

ANSWER

**THE MINISTER OF STATE (IC) OF THE MINISTRY OF AYUSH
(SHRI PRATAPRAO JADHAV)**

(a) The details of funds allocated / utilized for the AYUSH System of Medicine including Ayurveda for research and other AYUSH activities by National Institutes / Councils under Ministry of AYUSH during last 5 years is placed at **Annexure**.

(b) The Government is constantly taking steps for the improvement of quality of AYUSH medicine including Ayurvedic medicines. The steps taken by the Ministry of Ayush are as follows:-

(i) The Drugs & Cosmetics Act, 1940 and the Drugs Rules, 1945 have exclusive regulatory provisions for Ayurvedic, Siddha, Unani and Homoeopathy drugs/medicines.

(ii) As prescribed in Drugs and Cosmetics Act 1940 and Rules made thereunder, enforcement of the legal provisions pertaining to Quality Control and issuance of drug manufacturing 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. 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.

(iii) Rule 160 A to J of the Drugs and Cosmetics Rules, 1945 provides the regulatory guidelines for approval of Drug Testing Laboratory for carrying out such tests of identity, purity, quality and strength of Ayurvedic, Siddha and Unani drugs as may be required under the provisions of these rules, on behalf of licensee for manufacture of Ayurvedic, Siddha and Unani drugs. As on date, 34 State Drug Testing Laboratories have been supported for strengthening their infrastructural and functional capacity. Further, 106 laboratories are approved or licensed under the provisions of Drugs and Cosmetics Rules, 1945 for quality testing of Ayurvedic, Siddha and Unani drugs and raw materials. (Details are available at https://ayush.gov.in/images/domains/quality_standards/ListofAyurvedaSiddhaUnani.pdf).

(iv) In 2021, Ministry of Ayush has implemented Central Sector Scheme AYUSH Oushadhi Gunvatta Evam Utpadan Samvardhan Yojana (AOGUSY). The total financial allocation to this scheme is Rs. 122.00 crores for five years. The components of AOGUSY scheme are as follows-

- 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.

(c) Yes, Sir, there is a need felt to integrate Allopathic and AYUSH System of Medicine. The steps taken by the Government are as under:-

- (i) Government of India has adopted a strategy of Co-location of AYUSH facilities at Primary Health Centres (PHCs), Community Health Centres (CHCs) and District Hospitals (DHs), thus enabling the choice to the patients for different systems of medicines under a single window. The engagement of AYUSH doctors/ paramedics and their training is being supported by the Ministry of Health & Family Welfare under National Health Mission (NHM), while the support for AYUSH infrastructure, equipment/ furniture and medicines is provided by the Ministry of Ayush under National AYUSH Mission (NAM), as shared responsibilities.

- (ii) In All India Institute of Ayurveda (AIIA) – New Delhi, the integrative medical services are available under one roof, with the following units:
- a) Centre for Integrative Ayush Therapy (Unani, Siddha & Homeopathy)
 - b) Integrative Cancer Care Unit
 - c) Centre for Integrative Dentistry
 - d) Centre for Integrative Critical Care & Emergency Medicine
 - e) Centre for Integrative Orthopaedics
 - f) Centre for Integrative Dietetics and Nutrition
 - g) Causality OPD section
- (iii) Satellite Clinical Services Units by All India Institute of Ayurveda (AIIA) – New Delhi at:-
- a) Integrative Medical Services Unit at Safdarjung Hospital – New Delhi
 - b) Centre of Integrative Oncology (CIO) Unit AIIMS - Jhajjar.
 - c) Ayurveda Wellness Centre at Lal Bahadur Shastri National Academy of Administration, Mussoorie, Uttarakhand.
 - d) Ayurveda Wellness Centre at Arogya Van, Ekta Nagar, Kevadia Forest Division, Statue of Unity area Development and Tourism Governance Authority (SoUADTGA), Gujarat.
- (iv) The Department of Integrative Medicine began on 8 July, 2022 in Vardhaman Mahavir Medical College and Safdarjung Hospital, Delhi providing services like Specialty OPD, Panchakarma Therapy, Free Ayurvedic Medicine Dispensary and Dietary Consultation.
- (v) Ministry of Ayush through its Research councils has undertaken various research projects for integration with modern system of medicine. Central Council for Research in Ayurvedic Sciences (CCRAS) has undertaken various research studies to examine the benefits and feasibility of integration of Ayurveda through the following research projects for integration of Ayurveda with modern system of medicine:
- a. 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).
 - b. 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.
 - c. Integration of AYUSH systems in National Programme for Prevention and Control of Cancer, Diabetes, Cardiovascular Diseases & Stroke (NPCDCS)
 - d. 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 (Garbhini Paricharya) at Primary Health Care level: A Multi Centre Operational Study).

(vi) Central Council for Research in Homoeopathy (CCRH) has undertaken research studies of integrative nature using homoeopathic medicine in collaboration with health care facilities of allopathic system of medicine in the following clinical conditions: acute encephalitis syndrome, side effects due to radio/chemotherapy in cancer, thrombocytopenia due to dengue, diabetic foot ulcer, COVID-19, chronic kidney disease, trigeminal neuralgia, and Respiratory Sequelae of Post- Covid Cases.

(vii) Central Council for Research in Siddha (CCRS) is currently involved in validating Siddha drugs through clinical trials, pre-clinical, Pharmacological / Toxicological studies for acute and chronic diseases in integrative manner utilizing modern system of techniques and equipment. During the pandemic outbreak of COVID -19 various collaborative clinical studies have been initiated with modern institutions and published research articles in indexed journals.

CCRS has entered into MoU with allopathy institute like Government Stanley Medical College, Chennai, Tamil Nadu, Govt. Institute of Medical Sciences, Greater Noida and Siddha Clinical Research Unit, New Delhi and Govt. Theni medical college, Tamil Nadu to manage and treat the patients in the integrative manner for reasonable developments. Integrated Siddha cancer OPD has also been successfully functioning at All India Institute of Ayurveda campus aiding the Palliative care of cancer patients through Siddha system.

(viii) National Institute of Homoeopathy, Kolkata provides Homoeopathic consultation at Centenary Hospital, Syama Prasad Mookerjee Port, Kolkata along with mainstream medicine.

(ix) Central Council for Research in Unani Medicine has undertaken one programme on integration of Unani Medicine in National Programme for Prevention and Control of Cancer, Diabetes, Cardiovascular Diseases and Stroke (NPCDCS) in the selected district Lakimpur Kheri, Uttar Pradesh.

(x) National Institute of Siddha has conducted clinical trials during COVID-19 in collaboration with Allopathic Medical College with Siddha add-on treatment regimen along with standard allopathic care. The three researches have been published in reputed, peer reviewed, Pub Med indexed journals. Integrated clinical studies have also been carried out in Diabetes Mellitus with Aavaarai Kudineer, Wound Healing, Psoriasis, Fistula-in-ano etc.

(xi) Institute of Teaching and Research in Ayurveda, Jamnagar has started conducting various research projects by keeping modern physician as Co-investigator in various disease condition.

Few areas of such integrated researches are as under:-

- COVID-19
- Type I diabetes
- Thalassemia major
- Asthma
- Fracture

Anorectal surgeries etc.

(xii) Morarji Desai National Institute of Yoga is running 20 Preventive Health Care Units of Yoga in CGHS Dispensaries. They have 4 Yoga Therapy Centres in AYUSH / Allopathy Hospitals.

(xiii) National Commission for Homoeopathy has been added as a part of third BHMS curriculum for Modern pharmacology. Also, elective module on different Health systems in India have been added as mandatory elective in the first BHMS curriculum. Further, National Medical Commission has added Ayurveda, Yoga, Unani, Siddha & Sowa Rigpa Homoeopathy system of medicine as elective in the Internship of MBBS course curriculum.

(xiv) Central Council for Research in Homoeopathy has undertaken 25 projects in Health Research for Integrated Medicine in Homoeopathy.

Annexure

The details of funds allocated / utilized for the AYUSH System of Medicine including Ayurveda for research and other AYUSH activities by National Institutes / Councils under Ministry of AYUSH during last 5 years is as under:-

S. No.	Last 5 years	Amount Allocated (Rs. in crores)	Amount Utilized (Rs. in crores)
1.	2019-20	847.55	841.89
2.	2020-21	1205.08	1177.60
3.	2021-22	1318.735	1289.14
4.	2022-23	1357.98	1321.472
5.	2023-24	1449.116	1397.4435
	Total	6178.461	6027.5455