

GOVERNMENT OF INDIA

MINISTRY OF AYUSH

RAJYA SABHA

STARRED QUESTION NO. 111*

TO BE ANSWERED ON 10th FEBRUARY 2026

Research projects under EMR Scheme

***111 Dr. Anil Sukhdeorao Bonde:**

Will the Minister of Ayush be pleased to state:

- (a) the number of research projects approved under the Extra Mural Research (EMR) Scheme till December 2025;
- (b) how many of these projects have been licensed for use in the market;
- (c) the number of research papers funded by AYURGYAN that got published in international scientific journals;
- (d) whether the Ministry has achieved its target for Continuing Medical Education (CME) by December 2025; and
- (e) if so, the number of AYUSH teachers, doctors and paramedics that have received skill training during the said period?

ANSWER

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

(SHRI PRATAPRAO JADHAV)

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

The Statement referred in reply to Rajya Sabha Starred question no. 111 for 10th February 2026

(a) Ministry of Ayush had merged 02 separate erstwhile schemes, namely Re-orientation Training Program/Continuing Medical Education (RoTP/CME) and Extra Mural Research (EMR), into a single central sector scheme namely, Ayurgyan from FY 2021-22 having two components namely (i) Capacity Building & Continuing Medical Education (CME) in Ayush (ii) Research & Innovation in AYUSH (Erstwhile EMR scheme). Further, Ayurveda Biology Integrated Health Research (ABIHR) was added under the scheme, as a 3rd component from the FY 2023-24. The main aim of the scheme is to support Research & Innovation in Ayush by providing Extra Mural Research activities and Education by providing academic activities, training, capacity building etc. Under Research & Innovation in Ayush component, 34 research projects were approved/supported since inception (i.e. 08.06.2021) to 31st December 2025 (details attached at **Annexure**) for conducting research activities viz pre-clinical, clinical, fundamental etc.

(b) Research activities under the Scheme are intended to generate evidence related to the safety and efficacy of drugs and formulations. These formulations are already in the public domain, and their therapeutic indications are generally recorded in the authorised texts specified in Schedule-I of the Drugs and Cosmetics Act, 1940. The outcomes of these research activities include publications, standard operating procedures (SOPs), patents, related deliverables, and are not directly linked to drug licensing.

(c) Under the Research & Innovation component, research projects are supported for a duration of three years and funds are released on instalment basis. The anticipated outcomes are realized upon completion of the projects. Under the Research & Innovation component, ongoing approved projects of the erstwhile Extra Mural Research (EMR) scheme were also funded/supported. A total no. of 62 research papers has been published in peer-reviewed journals under R&I component (including Erstwhile EMR) from FY 2021-22 to as on 31st December 2025.

(d) & (e) Yes, since the inception of the Ayurgyan scheme, 257 CME/training programmes have been supported against the target of 250 CME/training programmes. A total of 7531 Ayush personnel (i.e Ayush teachers/Doctors/ Paramedics including Researchers) have been trained against the target of 6100 number of Ayush personnel.

**Details of the projects approved/supported for conducting research activities under
Research & Innovation in Ayush component are as follows:**

S. no.	Grantee Institute	Title of the Study	Stream	State	Approved Grant (in Rs.)
1.	Institute Medical Sciences, Banaras Hindu University, Varanasi	Clinical effect of Ayurvedic formulation (withasomnifera, Tinospora cordifolia Moringa oleifera, Adhatoda vasica, Piper longum, Glycyrrt glabra, ocimum sanctum and curcuma longa) in Covid-19 patients"	Ayurveda	Uttar Pradesh	948560
2.	Govt. Siddha Medical College, Palayamkottai, Tirunelveli	open labelled randomized case control clinical study to evaluate the efficacy of vettummaarakuligai with Nilavembukudineer (VMK-NVK) in comparison with allopathic drug for the subjects affected with mild and moderate Covid-19	Siddha	Tamil Nadu	999000
3.	All India Institute of Medical Sciences (AIIMS), New Delhi	Repurposing of Classical Ayurvedic formulations for their anti-viral effects on SARS-COV-2 Main Protease: A Pre-clinical in-vitro screening approach	Ayurveda	Delhi	5355966
4.	Bangalore Medical College and Research Institute (BMC&RI), Bengaluru	An open-label controlled clinical study to evaluate the efficacy of Sudarshana Churna, Yashtimadhu Churna, and Amritarishta as an add-on therapy to standard care in mild symptomatic COVID-19 positive patients	Ayurveda	Karnataka	1029000
2022-23					
1.	International Centre for Genetic Engineering and Biotechnology, New Delhi	Comparative and combined efficacy evaluation of extracts of Nilavembukudineer and vathasurakudineer	Siddha	Delhi	6260020

2.	All India Institute of Medical Sciences	The effect of structured yoga practices on the quality of life and clinical outcomes in patients with ulcerative colitis	Yoga & Naturopathy	Delhi	6188936
3.	ICMR-National Institute of Epidemiology TNHB, Ayappakkam, Chennai	Health system preparedness of Siddha system of medicine in Non-Communicable Diseases (NCDs), Tamil Nadu: Current status, stakeholder perspectives and cost analysis	Siddha	Tamil Nadu	3932388
4.	Indian Institute of Technology Madras, Chennai	Effect of ghee from indigenous cow milk on cognition and neuro-protection against Alzheimer's disease	Ayurveda	Tamil Nadu	7000000
5.	All India Institute of Medical Sciences	Randomized Controlled Trial on effect of Indigenous Cows Ghrita and Jatyadi Ghrita on wound healing	Ayurveda	Delhi	3398861
6.	All India Institute of Medical Sciences	Management of Long COVID symptoms with Yoga based rehabilitation as an add on therapy to the standard care: A randomised controlled trail	Yoga & Naturopathy	Delhi	1239840

2023-24

1.	Asthagiri Herbal Research Foundation, Chennai	Process standardization and chemical characterization of a siddha formulation, saara pathangam.	Siddha	Tamil Nadu	6874110
2.	All India Institute of Medical Sciences (AIIMS), New Delhi	Impact of yoga based lifestyle intervention on Polycystic Ovarian Syndrome (PCOS)	Yoga & Naturopathy	Delhi	6107285
3.	Central India Institute of Medical Sciences (CIIMS), Nagpur	Evaluation of Cow urine distillate as a bioenhancer to increase the efficacy of anti-TB drugs against M. tuberculosis infection	Ayurveda	Maharashtra	4961608
4.	JSS Ayurveda Medical College & Hospital, Mysuru	A Comparative clinical study to validate the influence of Gandha taila and Ksheerabala taila 101 on Osteopenia and Osteoporosis using biochemical markers of bone formation and resorption	Ayurveda	Karnataka	5921869

5.	Indian Institute of Technology, Roorkee	Molecular studies of pharmacologically active antiviral molecules in Gau mutra distillate and drug extract against Chikungunya and Dengue	Ayurveda	Uttarakhand	6340274
6.	Savitribai Phule Pune University Pune	Exploring protective potential of Dioscorea spp. In process of aging and Alzheimer's disease using Drosophila and rat animal models"	Ayurveda	Maharashtra	6471340
7.	Maulana Azad Institute of Dental Sciences	A Randomized Clinical Controlled trial to evaluate the efficacy and safety of Ayurveda interventions in Chemo/Radiotherapy induced Oral Mucositis in Oral Carcinoma	Ayurveda	Delhi	6901960
8.	All India Institute of Medical Sciences (AIIMS), New Delhi	Neuroprotective effect of medicinal plants of Ayurveda in glaucoma - in vitro mechanistic study"	Ayurveda	Delhi	6145512
9.	School of Biosciences and Technology, VIT University, Vellore	Therapeutic evaluation of an unani herbal medicine against rheumatoid arthritis (Wafa-ul-mafasil)-an immunological approach for scientific validation"	Unani	Tamil Nadu	5948796
10.	Jamia Hamdard, Hamdard Nagar, New Delhi	Molecular mechanism of action of metalloids Unani Kushtajat for their role in protection against cellular stress	Unani	Delhi	6206091
2024-25					
1.	Kasturba Medical Collage, Manipal University, Manipal	Exploration of physiological action of homoeopathic anti-anxiety mediating human GABAergic and serotonergic neurons	Homoeopathy	Karnataka	5405120
2.	National Institute of Technology, Rourkela	Gomutra Ark as a potent anti-cancer agent for the treatment of Oral Squamous Cell Carcinoma - Molecular Mechanism underlying its anti-cancer effect	Ayurveda	Odisha	5880780

3.	Dr. ALM postgraduate Institute of Basic Medical Sciences, University of Madras, Chennai	Identifying the mechanism behind the cardio-protective efficacy of Bombyx mori (Abresham) on pressure overload induced cardiac hypertrophy and fibrosis An experimental study using C57/BL mice	Unani	Tamil Nadu	4604546
4.	SDM College of Medical Sciences & Hospital, Dharwad	Effect of Yoga on Endothelial Function and Vascular Aging in Individuals with Type-2 Diabetes (Yoga V-Age): A Randomized Controlled Trial	Yoga & Naturopathy	Karnataka	4236898
2025-26					
1.	College of Veterinary & Animal Sciences (CVAS), Mannuthy, Kerala Veterinary and Animal Sciences University, Wayanad	Pharmacological evaluation of homoeopathic drugs in breast cancer cell lines	Homoeopathy	Kerala	5234697
2.	R. C. Patel Institute of Pharmaceutical Education and Research Shirpur, Dhule	Investigation of molecular evidences of anti-psoriatic efficacy of selected homeopathic drugs using TLR-7/ IL-17/ IL-23 knock-in/out cell lines and mouse models of psoriasis	Homoeopathy	Maharashtra	4419064
3.	Interactive Research School for Health Affairs, Bharati Vidyapeeth, Pune	Effect of a therapeutic course of Basti on gut microbiome in obese individuals	Ayurveda	Maharashtra	5595230
4.	Vallabhbhai Patel Chest Institute, Delhi	A clinical study to evaluate the effects of yogic intervention on pulmonary functions, inflammatory markers, oxidative stress and health status in patients of Chronic Obstructive Pulmonary Disease (COPD)	Ayurveda	Delhi	5212550
5.	All India Institute of Ayurveda (AIIA), New Delhi	Pre-clinical & Randomized Control Clinical Study to Evaluate the Effectiveness of Ayurvedic inhalation therapy (aerosol) and Rasayan therapy in the management of COPD	Ayurveda	Delhi	6159358
6.	Post Graduate Institute of Medical Education and Research.	Mechanistic elucidation of Ayush-56 in autism spectrum disorder like animal model	Ayurveda	Chandigarh	5725252

7.	All India Institute of Medical Sciences (AIIMS), New Delhi	Assessment of Unani Pharmacopoeial formulation (s) adjuvant role along with antiseizure medications in drug resistant epilepsy: A combined experimental and clinical study approach	Unani	Delhi	6999480
8.	Jubilee Centre for Medical Research Thrissur	Investigating Phenotypic-genotypic correlations of Ayurveda Prakriti through a multidisciplinary approach	Ayurveda	Kerala	6931880
9.	Sarada Krishna Homoeopathic Medical College	Evaluation of individualized homoeopathic high dilution in the regression of cervical premalignant lesion of women in Kanniyakumari district	Homoeopathy	Tamil Nadu	7000000
10.	Jadavpur University Kolkata	Pharmacological studies on the probable mechanism of action of Modified Dawa-ul-Misk Motadil (MDMM) in the management of cardiovascular diseases, involving formulation optimization of this ancient Unani preparation	Unani	West Bengal	6318930
Total (Rupees Seventeen Crore Seventy Nine Lakh Fifty Five Thousand Two Hundred One Only)					17,79,55,201 (17.79 Crore)
