

**GOVERNMENT OF INDIA
MINISTRY OF HEALTH AND FAMILY WELFARE
DEPARTMENT OF HEALTH RESEARCH**

**LOK SABHA
STARRED QUESTION NO. *84
TO BE ANSWERED ON THE 24TH JULY, 2026**

MEDICAL RESEARCH AND INNOVATION IN MAHARASHTRA

***84. SHRI MOHITE PATIL DHAIRYASHEEL RAJSINH:
SMT. SUPRIYA SULE:**

Will the **MINISTER OF HEALTH AND FAMILY WELFARE** be pleased to state:

- (a) whether the Union Government has assessed the contribution of private hospitals and medical institutions in Maharashtra towards clinical research, medical innovation and translational research and if so, the details thereof;
- (b) the details of research projects, clinical trials, patents, publications and other innovations undertaken by private hospitals and medical institutions in the State during the last three years and the current year;
- (c) the steps taken by the Union Government to promote clinical research, translational research and collaborations between private hospitals, academic institutions, industry and startups in the State;
- (d) whether the Union Government provides incentives, grants or financial assistance to encourage research activities, innovation and publication output in private healthcare institutions in the State, if so, the details thereof; and
- (e) the amount of funds allocated and utilised for research and innovation by eligible private medical institutions in the State during the said period, along with the outcomes achieved thereof?

**ANSWER
THE MINISTER OF HEALTH AND FAMILY WELFARE
(SHRI JAGAT PRAKASH NADDA)**

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

**STATEMENT REFERRED TO IN REPLY TO LOK SABHA
STARRED QUESTION NO. *84 FOR 24TH JULY, 2026**

(a) to (e): The Union Government, through the Indian Council of Medical Research (ICMR) supports biomedical and health research through two broad **intramural** and **extramural research grants**. ICMR has informed that a total of 2543 research projects were granted during the last three years.

Over the past three years, through its extramural programme, ICMR has supported 73 bio-medical research projects, including clinical trials, in private medical colleges and hospitals in Maharashtra, with a total approximate grant of ₹107.96 crore. This research support has resulted in 104 publications, 11 patents and 4 contributions to clinical care/public health guidelines.

ICMR has further informed that a total of 1,037 clinical trials (2023–2026) have been registered on the Clinical Trials Registry – India (CTRI) with Principal Investigators (PIs) affiliated to private institutions and hospitals in Maharashtra. Their details are as below:

Duration	Number of Clinical Trials
Jan-Dec 2023	82
Jan-Dec 2024	257
Jan-Dec 2025	352
Jan - 21 st July 2026	346

The Union Government has undertaken several measures to promote clinical and translational research, foster collaborations among private hospitals, academic institutions, industry and startups, and provide financial incentives to encourage research and publication output, including in private healthcare institutions in Maharashtra. The details are as under:

1. The Government has undertaken measures to broaden and strengthen the health-research funding ecosystem. ICMR has rationalised and expanded its intramural and extramural grant architecture so that funding support is calibrated to the scale, maturity, risk and translational stage of a research proposal. ICMR has also initiated new follow-up grants to build upon leads generated from initial research grants. These funding opportunities are open to both public and private research institutions, and details are regularly published on the ICMR ePMS portal.

Programme	Funding Support per project
Small / ANVESHAN Grants	Up to ₹2 crore
Intermediate / NISCHAYAK ANVESHAN Grants	₹2 crore to ₹8 crore
First-in-the-World Challenge	Stage-linked support up to ₹8 crore
Centres for Advanced Research	Up to ₹15 crore

These instruments support investigator-initiated research, proof-of-concept studies, validation of interventions, high-risk high-reward innovation, multidisciplinary research, and advanced research

programmes — thereby encouraging collaboration between private hospitals, academic institutions, industry and startups.

2. ICMR's initiatives of MedTech Mitra and Biomedical Innovations Patent Mitra to support the regulation compliant translation research are open to all innovators including those of private medical colleges and Hospitals. Also, ICMR's research institutes located in Maharashtra viz National Institute for Research on Women's Health (ICMR-NIRWoH) Mumbai, National Institute for Research on Blood and Immune Disorders (ICMR-NIRBID), Mumbai; National Institute of Virology (ICMR-NIV) Pune and National Institute of Translational Virology and AIDS Research (ICMR-NITVAR), Pune actively collaborate with private hospitals, academic institutions, and research bodies across the State.

3. Department of Health Research (DHR) has Multi-Disciplinary Research Units (MRUs) scheme for Medical Colleges across the country that was recently extended to Private Medical Colleges. Out of 5 MRUs supported in private medical colleges, one is from Maharashtra viz. Datta Meghe Institute of Higher Education and Research, Wardha, Maharashtra. A grant of Rs 1.25 Crores has already been released to this MRU for civil construction and equipment.

4. Datta Meghe Institute of Higher Education and Research (DMIHER), Wardha, Maharashtra a private institute in Maharashtra is designated as Technical Resource Hub (TRH) of Centre for Evidence based Guidelines, DHR in February 2025. An annual budget of upto ₹ 70 Lakhs is disbursed every year to the TRH for evidence-based guideline development, capacity building in systematic reviews and manpower support.

5. Grants in Aid (GIA) Scheme for inter-sectoral convergence and coordination in Health Research of DHR provides support for carrying out research studies to identify the existing knowledge gap and to translate the existing health leads into deliverable products, especially for interdisciplinary and joint projects. Collaborations are also done with private institutions for projects undertaken in the scheme. The details of projects primarily undertaken in private Institutes in Maharashtra under GIA scheme are given in Annexure A.

6. DHR also support capacity building in health research through different programs of its Human Resource Development Scheme. The details of capacity building projects undertaken in Maharashtra in last three years under this scheme are as below:

A. Short Term Studentship (STS) program for MBBS, BDS students

Total ₹ 113.83 Lacs has been sanctioned to 48 students in Government institutions and 91 students in Private institute/Medical colleges in Maharashtra

B. Post Graduate Thesis Support Program for MD/MS/DNB students

Total ₹94.25 Lacs has been sanctioned to 37 students in Government institutions and 155 students in Private institute/Medical colleges in Maharashtra

C. Women Scientist Program

Total ₹ 93.26 Lacs has been sanctioned to 02 women researchers in Government institutions and 02 in Private institute/Medical colleges in Maharashtra

D. Support to Institute (STI) for training in health research

Total ₹ 215.08 Lacs has been sanctioned to 07 training programs in Government institutions and 18 others in Private institute/Medical colleges in Maharashtra

E. Start Up Grant (SUG) for induction research

Total ₹ 79.74 Lacs has been sanctioned to 05 faculty researches Government institutions and 05 others Private institute/Medical colleges in Maharashtra.

Annexure A

Details of research projects primarily undertaken in private Institutes in Maharashtra under Grants in Aid (GIA) Scheme of DHR in last 3 years

S. No.	Host Institute	Project Title	Date of Start	Funds approved for 3 Years
1	KRISHNA INSTITUTE OF MEDICAL SCIENCE Karad (Dist.Satara)	"Effectiveness of weekly specialist outreach visit to PHCs on adoption and utilization of mental health services: an interventional study at Satara district of Maharashtra"	28.2.2023	₹ 20,05,600 (₹18,59,339 Released till date, ₹16, 66,676 Utilised in first two years)
	56 Mental Health Awareness trainings conducted in the above project, attended by approximately 1825 People.			
2	MGM Medical College, Kamothe, Navi Mumbai	Pharmacogenetic and related factors affecting glycemic control and its application for developing Glycemic prediction and Personalized Counselling tool for Type 2 Diabetes Mellitus	17.08.2023	₹ 19,16,250 (₹18,59,989 Released till date) ₹14,39,464 Utilised in first two years)
3	D. Y. Patil Vidyapeeth, Pune, Tathawade, Pune-411033	A study to generate proof of concept on metabopsy of discarded milk teeth and nail clippings for the diagnosis of inherited metabolic disorders (IMD)	24.08.2023	₹ 35,09,436 (₹30,54,284 Released till date ₹20,64,453 Utilised in first two years)
	Outcomes -			

	1. Publications: Two i. Challenges in Metabolite Biomarkers as Avenues of Diagnosis and Prognosis of Cancer. J Cancer Prev. 2024. SCOPUS/PUBMED/SCI Indexed SCI-IF-3.1. ii. Non-invasive milk teeth metabopsy tool for the detection of inherited metabolic disorders: A Proof of Concept. Scientific Reports. 2025. Accepted. SCOPUS/PUBMED/SCI Indexed (IF: 5.0). 2. PhD/ MD Thesis/ Post-doctoral work: Three (3) 3. Human resource training: (UG Thesis/Traning/Internships): Six (6) 4. Patents filed - Three (3) i. A method and process for the milk teeth metabolite profiling (metabopsy) for the detection of inherited metabolic disorders ii. Methods and processes for 96-well plate based determination of free tyrosine in biological samples. iii. Methods and processes for 96-well plate colorimetric assay of organic acids for detection of IMDs and cancer.
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