

GOVERNMENT OF INDIA
MINISTRY OF SCIENCE AND TECHNOLOGY
DEPARTMENT OF SCIENCE AND TECHNOLOGY
LOK SABHA
UNSTARRED QUESTION NO. 2870
ANSWERED ON 06/08/2025

RESEARCH INFRASTRUCTURE SUPPORT

2870. SHRI KUNDURU RAGHUVeer:

Will the Minister of SCIENCE AND TECHNOLOGY be pleased to state:

- (a) whether the Government is implementing any schemes for strengthening science and research infrastructure in rural and backward regions including Nalgonda district of Telangana, if so, the details thereof;**
- (b) the list of institutions in Telangana that have received assistance under schemes such as FIST, SATHI or INSPIRE during the last five years;**
- (c) whether the Government has any plan to set up a Centre of Excellence or Regional Innovation Hub in southern Telangana; and**
- (d) if so, the details thereof and the expected timeline therefor?**

ANSWER

**MINISTER OF STATE (INDEPENDENT CHARGE) OF THE
MINISTRY OF SCIENCE AND TECHNOLOGY AND EARTH SCIENCES
(DR. JITENDRA SINGH)**

विज्ञान और प्रौद्योगिकी तथा पृथक् विज्ञान मंत्रालय के राज्य मंत्री (स्वतंत्र प्रभार)
(डॉ. जितेंद्र सिंह)

(a) to (b): To strengthen scientific infrastructure, Department of Science and Technology implements various schemes such as the Fund for Improvement of S&T Infrastructure in Universities and Higher Educational Institutions (FIST), Promotion of University Research and Scientific Excellence (PURSE), Sophisticated Analytical & Technical Help Institutes (SATHI) and Consolidation of University Research for Innovation and Excellence (CURIE). Through these schemes, several projects have been supported for the development of scientific infrastructure across various States and Union Territories, including the State of Telangana. Details of support provided for the

development of scientific infrastructure under these schemes in the state of Telangana are given below:

| S.No. | Scheme | Institution Names |
|--------------|---------------|--|
| 1. | FIST | <ul style="list-style-type: none"> Indian Institute of Technology, Hyderabad, Telangana National Institute of Technology, Warangal, Telangana University of Hyderabad, Hyderabad, Telangana Birla Institute of Technology & Science, Pilani, Hyderabad Campus, Hyderabad, Telangana Osmania University, Hyderabad, Telangana Telangana University, Telangana JB Institute of Engineering and Technology, Moinabad Mandal R. R. District, Hyderabad, Telangana Chaitanya Bharathi Institute of Technology, Gandipet, Hyderabad, Telangana |
| 2. | SATHI | <ul style="list-style-type: none"> Indian Institute of Technology, Hyderabad, Telangana |
| 3. | PURSE | <ul style="list-style-type: none"> International Institute of Information Technology, Hyderabad, Telangana |
| 4. | CURIE | <ul style="list-style-type: none"> St. Francis College for Women, Hyderabad, Telangana University College for Women, Hyderabad, Telangana Stanley College of Engineering and Technology for Women (Autonomous), Hyderabad, Telangana |

The INSPIRE (Innovation in Science Pursuit for Inspired Research) Scheme by the Department of Science and Technology (DST) aims to attract talented youth to pursue studies and careers in basic and applied sciences, including engineering, medicine, agriculture and veterinary sciences across India, to strengthen the country's R&D base. Under the INSPIRE Fellowship, 1st rank holders and eligible INSPIRE Scholars can pursue a fully funded PhD with support for 5 years and INSPIRE Faculty Fellowship offers research grant over 5 years to post-doctoral researchers aged 27–32 (age relaxations applicable). The details of institutes where INSPIRE Scholars and INSPIRE Faculty are working in the state of Telangana are given below:

| S. No. | Institution Names |
|---------------|---|
| 1. | International Institute of Information Technology, Hyderabad, Telangana |
| 2. | Jawaharlal Nehru Technological University, Kukatpally, Hyderabad, Telangana |
| 3. | Indian Institute of Technology, Hyderabad, Kandi, Sangareddy, Telangana |
| 4. | Sri Konda Laxman Telangana State Horticultural University, Budwel, Hyderabad, Telangana |
| 5. | Indian National Centre for Ocean Information and Services (INCOIS), Nizampet, Telangana |
| 6. | National Institute of Animal Biotechnology (NIAB), Gachibowli, Hyderabad, Telangana |
| 7. | Professor Jayashankar Telangana State Agricultural University (PJTAU), Rajendranagar, Hyderabad, Telangana |
| 8. | Dr. Reddy's Institute of Life Sciences, Gachibowli, Hyderabad, Telangana |
| 9. | Palamuru University, Mahbubnagar, Telangana |
| 10. | National Institute of Pharmaceutical Education and Research (NIPER), Balanagar, Hyderabad, Telangana |

| S. No. | Institution Names |
|---------------|--|
| 11. | National Geophysical Research Institute, Habsiguda, Hyderabad, Telangana |
| 12. | University of Hyderabad, Gachibowli, Hyderabad, Telangana |
| 13. | ICMR-National Institute of Nutrition, Hyderabad, Secunderabad, Telangana |
| 14. | Osmania University, Hyderabad, Telangana |
| 15. | Centre for Cellular and Molecular Biology, Habsiguda, Hyderabad, Telangana |
| 16. | Centre for DNA Fingerprinting and Diagnostics, Uppal, Hyderabad, Telangana |
| 17. | Birla Institute of Technology and Science, Pilani, Hyderabad, Telangana |
| 18. | International Crops Research Institute for the Semi-Arid Tropics, Patancheruvu, Hyderabad, Telangana |
| 19. | Telangana University, Nadepalle, Telangana |
| 20. | National Institute of Technology, Warangal, Telangana |
| 21. | Indian Institute of Chemical Technology, Hyderabad, Telangana |
| 22. | Hyderabad Eye Research Foundation L V Prasad Eye Institute, Hyderabad, Telangana |
| 23. | International Advanced Research Centre for Powder Metallurgy and New Materials (ARCI), Hyderabad, Telangana |
| 24. | Indian Institute of Rice Research, Rajendranagar, Hyderabad, Telangana |
| 25. | ICMR- National Animal Resource Facility for Biomedical Research, Hyderabad, Telangana |
| 26. | Mahindra University, Hyderabad, Telangana |

Anusandhan National Research Foundation (ANRF) has sanctioned a project under Partnerships for Accelerated Innovation and Research (PAIR) and another project under EV-Mission program in the state of Telangana. Details are given below:

| Scheme | Project Title | Institute name |
|-------------------|--|--|
| PAIR | Partnerships in Research for Advanced Technologies in Healthcare, AI, Materials & Energy (PRATHAME) | Indian Institute of Technology, Hyderabad, Telangana |
| EV-Mission | Development and Demonstration of Materials and Fabrication Technologies for Tropical Batteries | International Advanced Research Centre for Powder Metallurgy and New Materials (ARCI), Hyderabad, Telangana |

The Biotechnology Industry Research Assistance Council (BIRAC), a Public Sector Undertaking (PSU) of Department of Biotechnology has established two bio-incubation centres, one each in (1) National Institute of Pharmaceutical Education and Research, Hyderabad and (2) Indian Institute of Technology Hyderabad, Telangana under the BioNEST (Bioincubators Nurturing Entrepreneurship for Scaling Technologies) program in the State of Telangana to provide access to high end infrastructure for start-ups and entrepreneurs. The details of the bioincubators are as follows:

| S.No. | Name of the Incubation Centre |
|--------------|---|
| 1 | BioNEST Avishkaran-Foundation for Pharma Innovation, National Institute of Pharmaceutical Education and Research, Medchal-Malkajgiri, Hyderabad, Telangana |
| 2 | BioNEST Foundation for Center for Healthcare Entrepreneurship (CfHE), Indian Institute of Technology Hyderabad, Hyderabad, Telangana |

(c) to (d): Under the National Mission on Interdisciplinary Cyber-Physical Systems (NM-ICPS), the Department of Science & Technology (DST), has established two Technology Innovation Hubs (TIHs) in the state of Telangana:

- 1. Data I-Hub Foundation at IIIT-Hyderabad – focusing on the technology vertical "Data Banks & Data Services, and Data Analytics".**
- 2. NMICPS Technology Innovation Hub on Autonomous Navigation Foundation (TiHAN) at IIT-Hyderabad – focusing on "Autonomous Navigation and Data Acquisition Systems (UAVs and ROVs.)".**
