



विज्ञान एवं प्रौद्योगिकी विभाग
DEPARTMENT OF
SCIENCE & TECHNOLOGY



International Cooperation Division

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Announcement of Results of Call-2025 of VAIBHAV Fellowship

The Department of Science and Technology (DST), Ministry of Science and Technology, Government of India announced the Call-2025 of VAIBHAV Fellowships on 15 April 2025, which was closed on 30 May 2025 in the following areas of research:

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| 1. Quantum Technologies | 10. Materials and Processing Technologies |
| 2. Artificial Intelligence and Machine Learning | 11. Earth Sciences |
| 3. Computational Sciences | 12. Environmental Sciences |
| 4. Data Sciences | 13. Advanced Manufacturing Technologies |
| 5. Photonics | 14. Health, Medical Sciences and Biomedical Devices |
| 6. Energy | 15. Pharmaceuticals and Bio-Technology |
| 7. Electronics and Semiconductor Technologies | 16. Agricultural Sciences |
| 8. Communication Technologies | 17. Social Sciences for SDGs |
| 9. Aerospace Technologies | 18. Management |

In total, 227 proposals were received by DST against this call. Based on scientific merit, complementarities of the project objectives, scientific strengths of the project coordinators, national priorities and availability of budget, The Department of Science and Technology (DST), Government of India has decided to support the following 21 Proposals. Project coordinators shall be informed separately to complete administrative formalities for release of grant. **The list of projects may be seen as Annexure-I.**

Annexure-I

List of Recommended VAIBHAV Proposals under VAIBHAV Fellowship Call-2025

S. No	Indian Diaspora & Institute	Indian Host & Institute	Broad Area
1.	Prof. Prem Kumar Professor, Department of Electrical and Computer Engineering, Northwestern University, Illinois, USA	Prof. Sandeep Kumar Singh Assistant Professor, Electronics and Communication Engineering, IIT Roorkee, Uttarakhand, India	Quantum Technologies
2.	Dr. Sriram Krishnan VP Strategy, Istari Digital Inc., Arlington Virginia, USA	Dr. Satyanarayanan Seshadri Associate Professor, Department of Applied Mechanics, Indian Institute of Technology Madras, Chennai, India	AI & Machine Learning
3.	Prof. Siva Theja Maguluri Associate Professor, H. Milton Stewart School of Industrial and Systems Engineering, Atlanta, USA	Prof. Shalabh Bhatnagar Professor, Department of Computer Science and Automation, Indian Institute of Science, Bengaluru, India	AI & Machine Learning
4.	Prof. Gaurav Pandey Associate Professor, Engineering Technology & Industrial Distribution, Texas A&M University, Texas, USA	Prof. Bharat Lohani Professor, Department of Civil Engineering, IIT Kanpur, Kanpur, India	AI & Machine Learning
5.	Dr. Ashish Mahabal Deputy Director, Centre for Data Driven Discovery, California Institute of Technology (Caltech), California, USA	Dr. Abhirup Datta Dean of Research and Development, Department of Astronomy, Astrophysics and Space Engineering (DAASE), IIT Indore, Indore, India	AI & Machine Learning
6.	Dr. Kameswara Rao Namuduri Professor, Department of Electrical Engineering, University of North Texas, Denton, Texas, USA	Dr. K L V Sai Prakash Sakuru Associate Professor, Department of Electronics and Communication Engineering, National Institute of Technology, Warangal, Telangana, India	Communication Technologies

7.	Prof. Shrikant Joshi Professor, Department of Engineering Science, University West, Trollhättan, Sweden	Prof. Harpreet Singh Professor, Department of Mechanical Engineering, IIT Ropar, Punjab, India	Advanced Manufacturing Technologies
8.	Dr. Amit Agrawal Associate Professor, Department of Engineering, University of Cambridge, Cambridge, UK	Dr. Ritwick Das Professor, Optics and Photonics Centre, Indian Institute of Technology Delhi, Delhi, India	Photonics
9.	Prof. Vivek Vinayak Ranade Bernal Chair of Process Engineering, Bernal Institute University of Limerick, Limerick, Ireland	Prof. Ashwin W Patwardhan Department of Chemical Engineering, Institute of Chemical Technology (ICT) Matunga, Mumbai, India	Materials and Processing Technologies
10.	Prof. Vijay Krishnaswami Vasudevan, Professor, Department of Materials Science and Engineering, University of North Texas, Texas, USA	Prof. Indradev Samajdar Professor, Department of Metallurgical Engineering and Materials, IIT Bombay, Mumbai, India	Materials and Processing Technologies
11.	Dr. Somnath Ghosh Professor, Department of Civil and Systems Engineering, Johns Hopkins University, Baltimore, Maryland, USA	Dr. Pritam Chakraborty Associate Professor, Department of Aerospace Engineering, IIT Kanpur, Kanpur, India	Materials and Processing Technologies
12.	Prof. Nemkumar Banthia Professor, Department of Civil Engineering, The University of British Columbia, Vancouver, Canada	Prof. Kolluru V L Subramaniam Professor, Department of Civil Engineering, I.I.T. Hyderabad, Telangana, India	Materials and Processing Technologies
13.	Dr. Deepak Dubal Professor, Queensland University of Technology, Queensland, Australia	Dr. Sudakar Chandran Professor, Department of Physics, Indian Institute of Technology Madras, Chennai, India	Energy
14.	Dr. Muralidhar Kutumba Ghantasala, Professor, Department of Mechanical and Aeronautical Engineering, Western Michigan University, W Michigan, USA	Dr. Hardik Jeetendra Pandya Associate Professor, Department of Electronic Systems Engineering, Indian Institute of Science Bengaluru, Karnataka, India	Health, Medical Sciences and Biomedical Devices

15.	Prof. Mayank Goel Associate Professor, Software & Societal Systems Department & Human-Computer Interaction Institute School of Computer Science, Carnegie Mellon University, Pittsburgh, Pennsylvania, USA	Prof. Nipun Batra Associate Professor, Computer Science, Indian Institute of Technology Gandhinagar, Gandhinagar, Gujarat, India	Health, Medical Sciences and Biomedical Devices
16.	Dr. Sridevi V Sarma Professor, Department of Biomedical Engineering, Johns Hopkins University, Baltimore, USA	Dr. George Priya Doss C Professor, Department of Biotechnology, VIT, Vellore, Tamil Nadu, India	Health, Medical Sciences and Biomedical Devices
17.	Prof. Venkatraman Sadanand Paediatric Neurosurgeon, Division of Paediatric Neurosurgery, St. Luke's Children's Hospital, Boise, ID, USA	Prof. Ramakrishnan Swaminathan Professor, Department of Applied Mechanics and Biomedical Engineering, Indian Institute of Technology Madras, Chennai, Tamil Nadu, India	Health, Medical Sciences and Biomedical Devices
18.	Prof. Saji George Associate Professor, Department of Food Science and Agricultural Chemistry, McGill University, Quebec, Canada	Prof. Sajan Daniel George Director-Manipal Institute of Applied Physics, Department of Atomic and Molecular Physics, Manipal Academy of Higher Education, Karnataka, India	Agricultural Sciences
19.	Prof. Om Parkash Dhankher Professor, Crop Biotechnology, Stockbridge School of Agriculture, University of Massachusetts, Amherst, USA	Prof. Upendra Kumar Professor, Department of Plant Science, Mahatma Jyotiba Phule Rohilkhand University, Bareilly, India	Agricultural Sciences
20.	Dr. Nachiappan Subramanian Professor, Science Policy Research Unit, University of Sussex Business School, Brighton, United Kingdom	Dr. Abhijit Majumder Professor, Department of Textile & Fibre Engineering, Indian Institute of Technology Delhi, Delhi, India	Management
21.	Prof. Vinod Mishra Associate Professor, Department of Economics, Monash University, Australia	Prof. Rudra Sensarma Professor, IIM Kozhikode, Kerala, India	Social Sciences in SDGs
