



विज्ञान एवं प्रौद्योगिकी विभाग
DEPARTMENT OF
SCIENCE & TECHNOLOGY



International Cooperation Division

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Announcement of Results of First Call (1st cycle) of VAIBHAV Fellowships

Hon'ble Prime Minister has inaugurated **VaishvikBharatiyaVaigyanik (VAIBHAV)** Summit in October 2020 to connect Indian STEM diaspora with Indian Institutions through a month-long dialogue.

Further, the Department of Science and Technology (DST), Ministry of Science and Technology, Government of India announced the first cycle of first call of VAIBHAV Fellowships on 15th June 2023 which get closed on 31 July 2023 in the following areas of research:

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

In total, 302 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 following 22 Proposals. VAIBHAV fellow and the host 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 Proposals

S. No	Indian Diaspora & Institute	Indian Host& Institute	Broad Area
1.	Dr. Mansi Manoj Kasliwal Professor Department of Astronomy California Institute of Technology (Caltech) Pasadena, California, USA.	Dr. Varun Bhalerao Assistant Professor Department of Physics IIT Bombay Mumbai Maharashtra (400076)	Data Sciences
2.	Prof. Murali Annavaram Professor Dept. of Electrical and Computer Engineering, University of Southern California, Los Angeles, USA	Prof. Govindarajan Ramaswamy Professor Department of Computer Science and Automation Indian Institute of Science Bengaluru, Karnataka (560012)	AI & ML
3.	Prof. Ajit Srivastava Associate Professor Department of Quantum Matter Physics University of Geneva Geneva, Switzerland	Prof. Ashish Arora Assistant professor Department of Physics IISERPune Maharashtra (411008)	Electronics & Semiconductor Devices
4.	Prof. Subir Sarkar Professor Emeritus Department of Physics University of Oxford Oxford, UK	Dr. Mohamed Rameez Reader Department of High Energy Physics Tata Institute of Fundamental Research (TIFR) Mumbai Maharashtra (400005)	Data Sciences
5.	Prof. KaziRajibul Islam Associate Professor Department of Physics and Astronomy, University of Waterloo, Ontario, Canada	Prof. Subhadeep De Associate Professor Inter-University Centre for Astronomy and Astrophysics, Pune Maharashtra (410007)	Quantum Technologies
6.	Dr. Dinesh Bharadia Associate Professor Dept of Electrical Engineering University of California San Diego, USA	Dr. Radha Krishna Ganti Associate Professor Department of Electrical Engineering IIT Madras Chennai Tamil Nadu (600036)	Communication Technologies
7.	Dr. Sudhir Dixit Co-Founder and Basic Internet Evangelist University of Oslo, Oslo, Norway	Prof. Revathi Venkataraman Chairperson and Professor School of Computing, SRM Institute of Science and	Communication Technologies

		Technology Tamilnadu, India (603203)	
8.	Prof. Satish Narayanasamy Professor Computer Science and Engineering University of Michigan, Ann Arbor, USA	Dr. Arkaprava Basu Assistant Professor Department of Computer Science and Automation IISc Bangalore Karnataka (560012)	Electronics & Semiconductor Devices
9.	Dr. Avik Dutt Assistant Professor Electrical and Computer Engineering Institute for Physical Science and Technology, University of Maryland, College Park, USA	Dr. Shailendra Kumar Varshney Professor Electronics and Electrical Communication Engg. Indian Institute of Technology Kharagpur, Kharagpur, West Bengal (721302)	Photonics
10.	Prof. S Kumar Professor of Composite Materials and Advanced Manufacturing James Watt School of Engineering University of Glasgow, Glasgow, United Kingdom	Prof. Velmurugan R Professor HAG Aerospace Engineering IIT Madras Chennai, Tamil Nadu (600036)	Materials & Processing Technologies
11.	Dr. Rakesh Kumar Joshi Associate Professor School of Materials Science Engineering University of New South Wales Sydney, Australia	Prof. Kamal Kishore Pant Director Chemical Engineering IIT Roorkee Roorkee, Uttarakhand PIN-247667	Materials & Processing Technologies
12.	Prof. Manoj Gupta Professor Department of Mechanical Engineering National University of Singapore Singapore	Dr. Jagadeesha T Associate Professor Department of Mechanical Engineering NIT Calicut Kerala (673601)	Materials & Processing Technologies
13.	Prof. Bharat Jalan Professor Department of Chemical and Materials Engineering University of Minnesota, Minnesota, USA	Prof. Naga Phani B Aetukuri Assistant Professor Solid State and Structural Chemistry Unit Indian Institute of Science Bengaluru, Bengaluru, Karnataka (560012)	Materials & Processing Technologies
14.	Dr. Apoorva Bhatt Associate Professor School of Biosciences, University of Birmingham, Birmingham, UK	Dr. Swathi Sudhakar Assistant Professor Applied Mechanics and Biomedical Engineering Indian Institute of Technology Madras Chennai, Tamil Nadu (600036)	Health, Medical Sciences and Biomedical Devices

15.	Prof. Perumal Nithiarasu Professor Department of Engineering Swansea University Engineering Central, Swansea, United Kingdom	Dr. Ketan Rajawat Assistant Professor Department of Electrical Engineering IIT Kanpur Nagar Uttar Pradesh (208016)	Health, Medical Sciences and Biomedical Devices
16.	Prof. Subhas Chandra Mukhopadhyay Professor of Mechatronics School of Engineering Macquarie University Sydney, Australia	Prof. Bobby George Professor Medical Sciences and Engineering IIT Madras Chennai Tamil Nadu (600036)	Health, Medical Sciences and Biomedical Devices
17.	Dr. Apurba Dev Associate Professor Department of Electrical Engineering Uppsala University Uppsala, Sweden	Prof. Debjani Paul Professor Department of Biosciences and Bioengineering IIT Bombay Mumbai Maharashtra (400076)	Health, Medical Sciences and Biomedical Devices
18.	Dr. Sandeep Soni, Executive Director Translational Development of in- vivo and ex-vivo g Crispr Therapeutics, Boston, USA	Dr. Debjyoti Chakraborty, Senior Scientist Department of Chemical and Systems Biology CSIR Institute of Genomics & Integrative Biology (IGIB), Delhi	Health, Medical Sciences and Biomedical Devices
19.	Dr. Swadhin Kumar Behera Director of Application Laboratory Research institute for Value- Added-Information Gen Japan Agency for Marine-Earth Science and Technology Yokohama, Kanagawa Japan	Dr. Mukunda Dev Behera Associate Professor Department of CORAL IIT Kharagpur, West Midnapur, West Bengal 721302	Earth Sciences
20.	Prof. Prashant Valluri Professor Head of Graduate School, School of Engineering, The University of Edinburgh, UK	Prof. Rama Govindrajan Professor International Center For Theoretical Sciences, TIFR Bengaluru Karnataka (560089)	Earth Sciences
21.	Dr. Rakesh Kumar Senior Scientist Department of Climate Change Programme Finnish Meteorological Institute Helsinki, Finland	Dr. Chandan Sarangi Assistant professor Department of Civil Engineering IIT Madras Chennai Tamil Nadu (600036)	Environmental Sciences
22.	Prof. Sunil Mithas Professor Muma College of Business University of South Florida FL, USA	Dr. Gaurav Dixit Assistant Professor Department of Management Studies, Indian Institute of Technology Roorkee Roorkee Uttarakhand (247667)	Management
