



विज्ञान एवं प्रौद्योगिकी विभाग
DEPARTMENT OF
SCIENCE & TECHNOLOGY



International Cooperation Division

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Announcement of Results of 2nd cycle of first call of VAIBHAV Fellowships

The Department of Science and Technology (DST), Ministry of Science and Technology, Government of India announced the 2nd cycle of first call of VAIBHAV Fellowships on 23 January 2024 which get closed on 31 March 2024 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, 216 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 17 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 Proposals**

S. No	Indian Diaspora & Institute	Indian Host & Institute	Broad Area
1.	Prof. Arun Paramekanti Professor, Department of Physics, University of Toronto, Ontario, Canada	Prof. Tanusri Saha Dasgupta Senior Professor and Director, S. N. Bose National Center for Basic Sciences, Kolkata, West Bengal- 700106	Quantum Technologies
2.	Prof. Biplav Srivastava Professor, AI Institute, University of South Carolina, Columbia, SC, USA	Dr. Hari Prabhat Gupta Associate Professor, Department of CSE IIT (BHU), Varanasi Uttar Pradesh – 221005	Artificial Intelligence and Machine Learning
3.	Prof. Kalyanmoy Deb University Distinguished Professor, Michigan State University Michigan, USA	Prof. Swagatam Das Electronics and Communication Sciences Unit, Indian Statistical Institute, Kolkata – 700108,	Artificial Intelligence and Machine Learning
4.	Prof. Sujit Ghosh Professor, Department of Statistics, North Carolina State University, Raleigh, NC 27695, United States	Dr. Radhendushka Srivastava Department of Mathematics, Indian Institute of Technology Bombay, Powai Mumbai - 400076	Artificial Intelligence and Machine Learning
5.	Dr. Sanghamitra Neogi Department of Aerospace Engineering Sciences, University of Colorado, Boulder, USA	Prof. Abhishek Kumar Singh Professor, Materials Research Centre, Indian Institute of Science, Bangalore, Karnataka - 560012	Artificial Intelligence and Machine Learning
6.	Prof. Kiran Bhaganagar Professor, Department of Mechanical Engineering, University of Texas, Texas, USA – 78249	Dr. Samrat Rao Assistant Professor, Department of Mechanical Engineering, IIT Jammu, Jammu and Kashmir- 181221	Computational Sciences
7.	Prof. Maruthi Ram Akella Professor, Department of Aerospace Engineering and Engineering Mechanics, The University of Texas at Austin, USA	Prof. Debasish Ghose Professor, Department of Aerospace Engineering, Indian Institute of Science Bangalore, Karnataka - 560012	Aerospace Technologies
8.	Dr. Prashanth W. Menezes Head of Inorganic Materials Group, Department of Chemistry, Technische Universität Berlin, Germany	Prof. Sebastian Chirambatte Peter New Chemistry Unit and School of Advanced Materials Jawaharlal Nehru Centre for Advanced Scientific Research, Bangalore-560064	Materials and Processing Technologies

9.	Prof. Bikash Ranjan Pattnaik Clinical Director and Tenured Associate Professor, 1300 University Avenue, SMI112, Madison, WI, 53706 University of Wisconsin-Madison, USA	Dr. Lopamudra Giri Associate Professor, Chemical Engineering, Indian Institute of Technology, Hyderabad, Kandi, Telangana – 502285	Health, Medical Sciences and Biomedical Devices
10.	Prof. Uttiya Basu Professor, Department of Microbiology and Immunology, Columbia University, New York, USA	Dr. Kushagra Bansal Assistant professor, Molecular Biology & Genetics Unit, Jawaharlal Nehru Centre for Advanced Scientific Research (JNCASR), Bangalore - 560064	Health, Medical Sciences and Biomedical Devices
11.	Prof. Marimuthu Swami Palaniswami Professor, Department of Electrical and Electronic Engineering, The University of Melbourne, Australia	Prof. Manivannan Muniyandi Professor, Department of Applied Mechanics IIT Madras Tamil Nadu – 600036	Health, Medical Sciences and Biomedical Devices
12.	Dr. Prateek Sharma Professor of Medicine, Elaine Blaylock Endowed Chair, The University of Kansas Cancer Center, USA	Prof. Vineet Ahuja Professor Department of Gastroenterology and Human Nutrition All India Institute of Medical Sciences, Ansari Nagar, New Delhi-110029	Health, Medical Sciences and Biomedical Devices
13.	Dr. Bidadi Venkataram Prasad Professor, Department of Biochemistry and Molecular Pharmacology (BCM) College of Medicine Houston, United States.	Prof. Manidipa Banerjee Professor, IIT Delhi, Hauz Khas, New Delhi 110016	Health, Medical Sciences and Biomedical Devices
14.	Dr. Vasant Muralidharan Professor and Associate Director Department of Cellular Biology, University of Georgia	Dr. Arumugam Rajavelu Associate Professor, Department of Biotechnology, Indian Institute of Technology Madras, Chennai, Tamil Nadu - 600036	Pharmaceuticals and Bio-Technology
15.	Prof. Jasmeet Judge Professor and Director, Center for Remote Sensing, University of Florida	Prof. Dhanya C T Professor, Department of Civil Engineering, IIT Delhi, Hauz Khas, New Delhi 110016	Earth Sciences
16.	Prof. Rajagopalan Balaji Professor, Department of Civil, Environmental, and Architectural Engineering 428 UCB,	Prof. Manabendra Professor, Department of Civil Engineering, IIT Delhi. Hauz Khas, New Delhi-110016	Earth Sciences

	University of Colorado, Boulder USA		
17.	Prof. Kalpit Vrajeshkumar Professor, Department of Environmental and Chemical Engineering, RMIT University, Melbourne, Australia	Prof. Abhishek Sharma Professor, Department of Biotechnology & Chemical Engineering, Manipal University, Jaipur	Environmental Sciences
