

Competition for grants in the priority area of RSF activities “Basic research and applied research, Conducted by International Research Teams” (in cooperation with the Department of Science Technology of the Ministry of Science and Technology of the Republic of India (DST))

№	RSF Project Number	Indian PI	Indian Institution	Russian PI	Project Title
1	25-41-01011	Khare M.K.	Centre for development of Advanced Computing (C-DAC), Pune	Voevodin, Vladimir	AI empowered HPC Ecosystem for productive converged HPC-AI Infrastructure
2	25-41-01034	Manas Kumar Bera	National Institute of Technology Rourkela, India	Gubanov, Dmitry	Decentralized Lifelong Deep Learning-Based Cooperative Control for the MAS
3	25-42-01019	Bhalla P.	SRM University, Andhra Pradesh	Kravtsov, Vasily	Harnessing 2D van der Waals semiconducting heterostructures for quantum optoelectronic devices
4	25-42-01036	Das A.	Indian Institute of Science, Bangalore	Kuntsevich, Alexander	Twisted 2D materials with symmetry breaking: a platform for next-generation electronic and optical devices
5	25-43-01003	Pandey S.	Indian Institute of Technology Delhi	Victorov, Alexey	Aggregation in Solutions of Bio-Derived Compounds: Novel Renewable Surfactants, Amino Acid Ionic Liquids and Natural Deep Eutectic Solvents
6	25-43-01075	Ghosh M.	Banaras Hindu University	Sigaev, Vladimir	Rational Design of High-Strength Transparent Glass-Ceramics via Advanced Structural Analysis
7	25-43-01077	Bordoloi A.	CSIR-Indian Institute of Petroleum	Kulikova, Mayya	Atomically designed nanocatalysts for sustainable CO _x utilization for synthesis of higher alcohols
8	25-44-01003	Bhattacharya A.	Amity Institute of Environmental Science, Amity University Uttar Pradesh	Efremenko, Elena	Composite materials based on bacterial cellulose with environmentally oriented functions ensuring chemical and biological safety
9	25-44-01008	Shukla A.	Indian Institute of Technology Kanpur	Borshchevskiy, Valentin	Exploring the conformational landscape of ligand recognition, activation, and signalling of the selected chemokine receptors

10	25-44-01015	Pananghat G.	Indian Institute of Science Education and Research, Pune	Kovalenko, Ilya	Investigation of assembly dynamics of bacterial tubulin, FtsZ: in search of novel antimicrobial drugs
11	25-44-01025	Kumar R.	University of Hyderabad	Pashkovskiy, Pavel	Manipulating light-dependent mechanisms of mineral uptake to improve tomato yield and fruit quality
12	25-44-01049	Sudhakar S.	Indian Institute of Technology Madras	Tonevitsky, Alexander	Targeted Colorectal Cancer Therapy: Nanoarchaeosome-Loaded Hybrid siRNA and Terbinafine in 3D Organoid and Organ-on-Chip Models
13	25-45-01008	Mukherjee Arindam	Индийский научно-исследовательский и образовательный институт в г. Калькутта	Boichuk, Sergei	Metal conjugates of kinase inhibitors as an attractive platform to overcome resistance of gastrointestinal stromal tumors (GIST)
14	25-45-01051	Bashyam M.D.	Centre for DNA Fingerprinting and Diagnostics	Iyevleva, Aglaya	Non-canonical hereditary colorectal cancer: study of germline variants and their complex interplay with the dysbiotic microbiome
15	25-47-01004	Agrahari S.	Indian Institute of Technology Kharagpur	Saraev, Alexander	Studies of seismic-electromagnetic phenomena in the ULF-ELF ranges based on multi-parameter observations in the Baikal region and the Himalayas
16	25-47-01005	Vinayachandran P.N.	Indian Institute of Science	Osadchiev, Alexander	Formation, spreading, and mixing of large river plumes from estuaries to open ocean: key for understanding of global land-ocean matter fluxes
17	25-49-01004	Devanaboyina Venkata Ratnam	Koneru Lakshmaiah Education Foundation	Demyanov, Vladislav	Space weather and multipath impact on GLONASS and NAVIC satellite systems for aviation and smart transportation
18	25-49-01022	Acholkumar A. S.	Индийский институт технологии в Гувахати (IIT-Guwahati)	Belyaev, Victor	Novel nanocomposite materials with discotic liquid crystals and nanoparticles for high-efficient opto-electronic and electro-optic devices
19	25-49-01030	Mukherjee Shaibal	Indian Institute of Technology Indore	Kokh, Konstantin	Wafer-scale Atomistic Memory Hardware using Emerging Phase-Engineered Transition-Metal Dichalcogenides for Artificial Intelligence

20	25-49-01041	Guha K.	National Institute of Technology Silchar, Assam, India (An Institution of National Importance under Govt. of India) NITS	Selishchev, Sergei	Building digital twin of implantable bioartificial kidney replicating ultrafiltration and reabsorption function using non cell based approach
21	25-49-01061	Chakraborty S.	Vellore Institute of Technology	Loktionov, Egor	AIgrivoltaics - a path to sustainable and profitable agriculture
22	25-49-01074	Banerjee A.	Indian Institute of Technology Delhi	Eremin, Artem	Development of a Smart Rails Health Monitoring System Leveraging Ultrasonic Guided Waves and Digital Twin Technologies
23	25-49-01075	Anand V.	Indian Institute of Technology Jodhpur	Mareev, Semyon	Synthesis and Characterization of SPEEK Based Proton Exchange Membrane for Electrolyzer and Fuel Cell by Incorporating Nanoparticles and Ionic Liquids
24	25-49-01085	Singh S.B.	Indian Institute of Technology Kharagpur	Kaibyshev, Rustam	Automotive Q&P steels with high value of the product of strength and elongation