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Under the joint call for proposal-2024 with German Academic Exchange Service (DAAD) and the Department of Science and Technology (DST), total 120 common proposals were jointly received and shortlisted for evaluation for the financial support for exchange visits between scientists and researchers of India and Germany. Based on scientific merit, complementarities of the project objectives, scientific strengths of the project coordinators and national priorities, the Department of Science & Technology, India and German Academic Exchange Service (DAAD) have jointly decided to support following 25 proposals. Project coordinators are being informed separately to complete administrative formalities for release of DST grant.

Sl.	TPN	Project Title	Indian PI	German PI
1.	114642	Assessment of inositol pyrophosphate dependent protein pyrophosphorylation in mammalian cells and tissues	Dr. Rashna Bhandari, Centre for DNA Fingerprinting and Diagnostics - CDFD, Hyderabad, Telangana	Dr. Dorothea Fiedler, Leibniz-Forschungsinstitut fur Molekulare Pharmakologie, Berlin
2.	114734	The Birth of True Oxoborane Chemistry and Beyond	Dr. Ashwini Kumar Phukan, Tezpur University, Napam, Assam	Prof. Dr. Holger Braunschweig, Julius-Maximilians-Universität Würzburg
3.	114553	Advanced sensing and monitoring of active communication links	Prof. Deepa Venkitesh, Indian Institute of Technology Madras, Chennai, Tamil Nadu	Dr. Stephan Pachnicke, Kiel University, Kiel
4.	115135	Predictive Food Quality Assessment Using Machine Learning	Dr. Narinder Singh, Indian Institute of Technology Ropar, Punjab	Dr. Sukhdeep Singh, Ilmenau University of Technology, Germany
5.	114207	Probing and modulating an mRNA Conformational Switch Responsible for Antibiotic Resistance	Prof. Ruchi Anand, IIT Bombay, Mumbai, Maharashtra	Prof. Claudia Höbartner, University of Würzburg, Germany
6.	114684	Exploring Electrical Anisotropic Responses in Geological Structures Using 2D Joint Inversion of Electromagnetic and Electrical Data	Dr. Sudha Agrahari, Indian Institute of Technology Kharagpur, West Bengal ; sudhaagrahari16@gmail.com	Prof. Dr. Bülent Tezkan, University of Cologne, Germany
7.	114778	Adaptive Deep Neural Networks under Continually Changing Environments for Computer Vision tasks.	Prof. Biplab Banerjee, IIT Bombay, Mumbai, Maharashtra	Prof. Dr. Gemma Roig, Gothe University, Frankfurt

8.	114761	Unified approaches towards novel skeletal modification of strained bicyclo [1.1.1] butane BCB derivatives through photo-thermal catalysis	Prof. Debabrata Maiti, IIT Bombay, Mumbai, Maharashtra	Prof. Dr. Daniel B. Werz, Institut für Organische Chemie, Albert-Ludwigs-Universität Freiburg, Albertstraße, Freiburg
9.	114618	Investigation of Structure of Confined Water in Ultra-thin Grafted Nanoparticle High Efficiency Desalination Membranes	Prof. Jaydeep Kumar Basu, Indian Institute of Science Bengaluru, Karnataka	Dr. Felix Lehmkuehler, Deutsches Elektronen-Synchrotron DESY, Hamburg
10.	114845	High-force germanium optical tweezers probes	Dr. Swathi Sudhakar, Indian Institute of Technology Madras, Chennai, Tamil Nadu	Prof. Dr. Erik Schäffer, Eberhard Karls University at Tuebingen and International Max Plank Research School IMPRS Tuebingen
11.	115167	Joining analytical tools to understand Na-ion materials and interfaces JATONI	Dr. Premkumar Senguttuvan, Jawaharlal Nehru Centre For Advanced Scientific Research, Bengaluru, Karnataka	Prof. Philipp Adelhem, Humboldt University, Berlin
12.	114672	Surface electronic-structure of liquid water and its implications for atmospheric chemistry using liquid-jet technology, X-ray spectroscopy and many-body methods	Dr. Vamsee K Voora, Tata Institute of Fundamental Research (TIFR), Mumbai, Maharashtrac	Dr. Bernd Winter, Fritz-Haber-Institut of the Max-Planck-Gesellschaft
13.	112417	Functional characterization of P4-ATPase and SERCA Proteins from the Obligate Intracellular Pathogen, Toxoplasma gondii	Prof. Nishith Gupta, Birla Institute of Technology & Science (BITS), Hyderabad, Telangana	Dr. Bo Hojen Justesen, Ruhr University, Bochum
14.	115060	Theory of Feature Learning in Unsupervised Models	Dr. Harish Guruprasad Ramaswamy, Indian Institute of Technology Madras, Chennai, Tamil Nadu	Prof. Debarghya Ghoshdastidar, Technical University of Munich
15.	115031	Suffix-reading Automata from practice to theory and back	Dr. B Srivathsan, Chennai Mathematical Institute, Kelambakkam, Tamil Nadu	Prof. Dr. Benjamin Kaminski, Saarland University
16.	114851	Machine learning and Multiphysics based predictive modeling for automated OampM, insulation health diagnostics and reliability assessment of polymers in glass-backsheet and glass-glass PV modules in different climates Pveverywhere	Prof. Narendra Shiradkar, Indian Institute of Technology Bombay, Mumbai, Maharashtra	Dr.-Ing. Claudia Buerhop-Lutz, Forschungszentrum Jülich GmbH

17.	115178	Stochastic analysis of ill-posed inverse problems	Prof. Ankik Kumar Giri, Indian Institute of Technology Roorkee, Uttarakhand	Dr. Tim Jahn, TU Berlin, Germany
18.	115075	Development and assessment of sustainable urban mobility indicators considering contexts of Indian and German cities	Dr. Manoj M, Indian Institutes of Technology Delhi	Prof. Dr.-Ing. Regine Gerike, TUD Dresden University of Technology, Germany
19.	112327	The Role of Hydrophilic vs. Hydrophobic Hydration in Cryopreservation	Dr. Debasish Das Mahanta, Gandhi Institute of technology and Management (GITAM) University, Bangalore, Karnataka	Dr. Johannes Hunger, Max Planck Institute for Polymer Research MPI-P, Mainz
20.	114671	Investigation of spin-orbit-torque SOT and SOT-switching in largearea epitaxial films of the room-temperature 2D ferromagnets Fe5GeTe2 and Fe3GaTe2	Dr. Pranaba Kishor Muduli, IIT Delhi	Dr. Joao Marcelo J Lopes, Paul-Drude-Institut fuer Festkoerperelektronik, Leibniz Institut im Forschungsverbund Berlin
21.	114901	Development of corrosion protected Rheo gravity die cast (RGDC) AZ91D Mg alloy targeting Two-wheeler (Electric Vehicles) Wheel hub applications (CoRheo)	Dr. Prosenjit Das, Indian Institute of Science, Bangalore, Karnataka	Dr. Valeryia Kasneryk, Helmholz Zentrum Hereon GmbH, Geesthacht
22.	115134	Finite Temperature Eects in Composite Higgs models from Holography	Prof. Justin David, Indian Institute of Science, Bengaluru, Karnataka	Prof. Dr. Werner Porod, Universitat Wuzburg
23.	114352	Exploring New Fission Isomers and Innovating Advanced IonCatcher Technologies	Dr. Soumya Bagchi, Indian Institute of Technology (Indian School of Mines) Dhanbad, Jharkhand	Dr. Timo Dickel, GSI Helmholtzzentrum
24.	113864	Sharp noise sensitivity and exceptional times in continuum percolation	Mr. Yogeshwaran Dhandapani, Indian Statistical Institute, Bengaluru, Karnataka	Prof. Dr. Chinmoy Bhattacharjee, University of Hamburg
25.	114675	Multimodal Muscle Synergy-Derived Control of Modern Prosthetic Devices	Dr. Biswarup Mukherjee, Indian Institute of Technology Delhi, Hauz Khas, Delhi	Prof. Dr. Cristina Piazza, Technische Universität München, Germany