

Proposal_id	Title	Theme	PI_Name	Institute_Name	international	inst_name	country_name	Decision
3077	Physics-informed machine learning modelling of mechanical degradation in lithium-ion battery electrode particles	Advanced Computing (Supercomputing, AI, Quantum Computing)	Dr. Jeevanjyoti Chakraborty	Indian Institute of Technology Kharagpur	Dr. Mona Faraji-Niri	University of Warwick	United Kingdom	Rejected
3079	Practice of Semiconductor Packaging and Testing - Hands-on Training at Taiwan	Semiconductors	Dr. John Bosco Balaguru Rayappan	Shanmugha Arts Science Technology & Research Academy	Dr. Chien-Chih Chiang	Lunghwa University of Science and Technology	Taiwan	Accepted
3081	AI-guided early prognosis of Inflammatory Bowel Disease (IBD) and identification of novel biomarkers by modeling human gut microbiota	Healthcare & MedTech	Dr. Amit Ghosh	Indian Institute of Technology Kharagpur	Prof. Subhajyoti De	RUTGERS UNIVERSITY-NEW BRUNSWICK	United States of America	Rejected
3082	Design and Development of RF Energy Harvesting Enabled-Active RFID Sensors for Healthcare and Biomedical Applications	Healthcare & MedTech	Dr. Taimoor Khan	National Institute of Technology Silchar	Prof. Atef Z Elsherbeni	Colorado School of Mines	United States of America	Rejected

3084	NAMO-PI4: Nexus for Advanced Modeling and Optimization: AI driven modeling in Process Industry 4.0	Manufacturing & Industry 4.0	Prof. Arnab Atta	Indian Institute of Technology Kharagpur	Dr. Ranjeet Utikar	CURTIN UNIVERSITY	Australia	Accepted
3085	Ultra-low-power Lightweight Edge AI Processor for smart city applications	Advanced Computing (Supercomputing, AI, Quantum Computing)	Dr. VARUN P GOPI	National Institute of Technology Tiruchirappalli	Dr. Mauro Dragone	HERIOT-WATT UNIVERSITY	United Kingdom	Rejected
3086	Functionalizing the next generation 2D semiconductors for optoelectronic and catalytic applications via ion irradiation	Semiconductors	Prof. Joy Mitra	Indian Institute of Science Education & Research Thiruvananthapuram	Prof. S Ravi P Silva	UNIVERSITY OF SURREY	United Kingdom	Accepted
3087	Spin-ionic control of resistive switching in neuromorphic resistive non volatile memory (NVM)	Semiconductors	Dr. Tuhin Subhra Maity	Indian Institute of Science Education & Research Thiruvananthapuram	Prof. Judith MacManus Driscoll	UNIVERSITY OF CAMBRIDGE	United Kingdom	Rejected
3088	Novel Material Systems for Sustainable Neuromorphic Devices (NEUMAT)	Semiconductors	Dr. Bikas Chandra Das	Indian Institute of Science Education & Research Thiruvananthapuram	Dr. Leszek A. Majewski	THE UNIVERSITY OF MANCHESTER	United Kingdom	Rejected

3089	Securing Healthcare in the Quantum Era: Exploring Quantum Computing and Next-Gen Encryption Algorithms	Advanced Computing (Supercomputing, AI, Quantum Computing)	Dr. Saikat Gochhait	Symbiosis International	Dr. Arijit Karati	NATIONAL SUN YAT-SEN UNIVERSITY	Taiwan	Rejected
3090	Combatting intertidal polycyclic aromatic hydrocarbon, heavy metal and bisphenol A contamination through indigenous biofilms: a step towards sustainable blue economy	Blue Economy	Dr. Joydeep Mukherjee	Jadavpur University	Prof. Federico Lauro	NANYANG TECHNOLOGICAL UNIVERSITY (NTU)	Singapore	Rejected
3091	Collaborative Online International Learning (COIL): A pedagogy for Sustainable Education 4.0	Energy, Sustainability and Climate Change	Dr. Adya Sharma	Symbiosis International	Dr. Osvaldo Succi Junior	Centro Paula Souza, FATEC Brazil	Brazil	Rejected

3092	Digital Transformation through Speech Recognition and Bhashini - A Next-Gen Communications perspective for Spanish and Indian languages integrating Artificial Intelligence and Natural Language Processing	Next-Gen Communications	Dr. Mayuresh Kumar	Aligarh Muslim University	Dr. Mark Gibson	UNIVERSIDAD DE NAVARRA	Spain	Rejected
3094	Advancing Sustainable Building Practices: A Comprehensive Investigation into Estimation Techniques for Thermal Load of Buildings	Energy, Sustainability and Climate Change	Prof. Dr Dibakar Rakshit	Indian Institute of Technology Delhi	Prof. Carlos E. Ugalde-Loo	CARDIFF UNIVERSITY	United Kingdom	Accepted
3096	Transparent Metasurfaces for Future Intelligent Communications (TRANSMIT)	Next-Gen Communications	Prof. Kumar Vaibhav Srivastava	Indian Institute of Technology Kanpur	Prof. William Whittow	LOUGHBORO UNIVERSITY	United Kingdom	Rejected

3098	Integrating Drone-Based Sensor Technology for Air Quality Monitoring in Smart cities	Smart Cities & Mobility	Dr. Suverna Trivedi	Indian Institute of Technology Kharagpur	Prof. RONALD C COHEN	UNIVERSITY OF CALIFORNIA, BERKELEY (UCB)	United States of America	Rejected
3099	Unlocking the Potential of Metal Chalcogenides for Memristive Device Applications	Semiconductors	Dr. Ayan Roy Chaudhuri	Indian Institute of Technology Kharagpur	Prof. Sanjay Mathur	University of Cologne	Germany	Accepted
3101	Fugitive dust control in process facilities/off-road vehicles for safety and human health	Agri & Food Technologies	Dr. Bhupendra M Ghodki	Indian Institute of Technology Kharagpur	Prof. Kinsley Ambrose	PURDUE UNIVERSITY	United States of America	Rejected
3102	Reinforcing Rice Fortification in India: Beyond Fortified Rice Kernel	Agri & Food Technologies	Dr. Soumya Ranjan Purohit	Tezpur University	Prof. Mukund V Karwe	RUTGERS UNIVERSITY-NEW BRUNSWICK	United States of America	Rejected

3104	Catalytic hollow fiber membranes for simultaneous hydrogen production and separation from bioethanol reforming for portable hydrogen generation applications.	Energy, Sustainability and Climate Change	Prof. Bhanu Vardhan Reddy Kuncharam	Birla Institute of Technology & Science	Prof. Benjamin Wilhite	TEXAS A&M UNIVERSITY	United States of America	Rejected
3106	Production of rare earth permanent magnets from spent magnets and primary rare earth oxides	Advanced Materials, Rare-earth & Critical Minerals	Dr. Chenna Rao Borra	Indian Institute of Technology Kharagpur	Prof. Akbar Rhamdhani	SWINBURNE UNIVERSITY OF TECHNOLOGY	Australia	Accepted
3109	Biometrics for Infant verification with liveNESs detection (BIONEST)	Healthcare & MedTech	Dr. Kishor P Upla	Sardar Vallabhbhai National Institute of Technology	Prof. Raghavendra Ramachandra	NORWEGIAN UNIVERSITY OF SCIENCE AND TECHNOLOGY	Norway	Rejected
3110	Utilizing Emergent Percolation Phenomena towards Flexible Electronics	Semiconductors	Dr. Titash Mondal	Indian Institute of Technology Kharagpur	Prof. Mario Hofmann	NATIONAL TAIWAN UNIVERSITY (NTU)	Taiwan	Accepted

3111	Revolutionizing Native Empowered AI: A Trusted 5G Enabled Intelligent IoT Network with Endogenous Security	Next-Gen Communications	Dr. Suresh Babu Erukala	National Institute of Technology Warangal	Dr. Mohamed Chahine Ghanem	London Metropolitan University	United Kingdom	Rejected
3112	Interdisciplinary approach to unlock the pathogenic role of Lytic Polysaccharide Monooxygenases (LPMOs) in bacterial virulence and host interactions: from Molecular understanding to diagnostic solutions and therapeutics	Healthcare & MedTech	Dr. Ragothaman Yennamalli	Shanmugha Arts Science Technology & Research Academy	Prof. Nikolay V Dokholyan	PENNSYLVANIA STATE UNIVERSITY	United States of America	Rejected

3113	Development of New Age SiC/GaN enabled Power Converters, Battery Chargers and Motor Drive systems for a Sustainable Electrified Transportation Ecosystem	Smart Cities & Mobility	Dr. Bharatiraja Chokkalingam	SRM Institute of Science and Technology	Prof. Bradley Lehman	NORTHEASTERN UNIVERSITY	United States of America	Rejected
3115	Enhancing the Surface Integrity and Quality of Metal Additively Manufactured Parts through Hybrid Manufacturing	Manufacturing & Industry 4.0	Dr. VAMSI KRISHNA PASAM	National Institute of Technology Warangal	Dr. Xiaoliang Jin	UNIVERSITY OF BRITISH COLUMBIA	Canada	Rejected
3116	Career mobility enhancement of tandem silicon-perovskite semiconductors for solar cell and smart glazing application	Semiconductors	Dr. SWAPAN KUMAR MANDAL	Visva Bharati	Prof. Tapas Kumar Mallick	UNIVERSITY OF EXETER	United Kingdom	Rejected
3117	Safe System perspective on vulnerable road users in India	Smart Cities & Mobility	Dr. Ravi Shankar K.V.R	National Institute of Technology Warangal	Dr. Aliaksei Laureshyn	LUND UNIVERSITY	Sweden	Accepted

3118	Self-Powered Wearable Biosensor Integrated with Nanopore and Triboelectric Nanogenerator for Non-Invasive Health Monitoring	Semiconductors	Dr. Gaurav Sapra	Panjab University	Dr. Cuifeng Ying	Nottingham Trent University Nottingham	United Kingdom	Accepted
3119	Climate-responsive vaccine policy, planning and practice in low- and middle-income countries	Healthcare & MedTech	Prof. Sanjay Dhir	Indian Institute of Technology Delhi	Prof. Meru Sheel	THE UNIVERSITY OF SYDNEY	Australia	Rejected
3121	Next Generation Intelligent Networks for Industry 5.0	Next-Gen Communications	Dr. Goutam Das	Indian Institute of Technology Kharagpur	Prof. Marimuthu Palaniswami	THE UNIVERSITY OF MELBOURNE	Australia	Rejected
3122	Use of AI and multichannel, non-invasive sensing for affordable diagnosis of heart diseases	Healthcare & MedTech	Prof. Goutam Saha	Indian Institute of Technology Kharagpur	Prof. Yue Rong	CURTIN UNIVERSITY	Australia	Accepted

3123	Bioinspired methods for treatment and valorization of mine tailings and industrial wastes	Energy, Sustainability and Climate Change	Prof. Sarat Kumar Das	Indian Institute of Technology (Indian School of Mines) Dhanbad	Prof. Abhijit Mukherjee	CURTIN UNIVERSITY	Australia	Rejected
3124	Simultaneous Carbon Dioxide Reduction and Hydrogen Production via Microwave Co-Pyrolysis of Cement Raw Materials With Plastics and Biomass	Energy, Sustainability and Climate Change	Dr. Hemanth Kumar Tanneru	Indian Institute of Petroleum and Energy	Dr. Sheila Devasahyam	CURTIN UNIVERSITY	Australia	Rejected
3126	AI-Assisted Prognostic Health Monitoring System with Improved Reliability of Power Electronic Converters for Electric Vehicle and Microgrid Applications	Energy, Sustainability and Climate Change	Dr. Pradyumn Chaturvedi	Visvesvaraya National Institute of Technology Nagpur	Dr. Huai Wang	AALBORG UNIVERSITY	Denmark	Rejected

3127	MindfulSpeak: AI-Driven and VR-assisted Human Interpretable Solutions for Dysarthria Speech Disorder.	Advanced Computing (Supercomputing, AI, Quantum Computing)	Dr. Deepesh Kumar	Indian Institute of Technology (Banaras Hindu University) Varanasi	Dr. Saugat Bhattacharya	Ulster University, Northern Ireland, UK	United Kingdom	Rejected
3131	Toward Resilient Built-Environments in Smart City Hot Spots	Smart Cities & Mobility	Dr. Prashant Anand	Indian Institute of Technology Kharagpur	Dr. Chirag Deb	THE UNIVERSITY OF SYDNEY	Australia	Rejected
3132	AI-Design for Next-generation of Mode-locked Fiber Lasers	Advanced Computing (Supercomputing, AI, Quantum Computing)	Dr. Srikanth Sugavanam	Indian Institute of Technology Mandi	Prof. Sergei Turitsyn	ASTON UNIVERSITY	United Kingdom	Rejected
3133	Assessment of Soil Erosion and Land Slides under current and extreme climate conditions for Kerala	Disaster Management & Resilient Infrastructure	Dr. pramada sk	National Institute of Technology Calicut	Dr. RAGHAVAN SRINIVASAN	TEXAS A&M UNIVERSITY	United States of America	Rejected

3134	Integrating earth observation data, machine learning and meteorological forecast information towards forecasting irrigation water demands	Energy, Sustainability and Climate Change	Dr. SUBHASIS MITRA	Indian Institute of Technology Palakkad	Dr. Ryan Patrick McGehee	Iowa State University	United States of America	Rejected
3137	Advancing Metal Fuel-Based Clean Energy Cycle through Multifaceted Investigations	Energy, Sustainability and Climate Change	Dr. Anirudha Dhananjay Ambekar	Indian Institute of Technology Goa	Dr. XIAOCHENG MI	EINDHOVEN UNIVERSITY OF TECHNOLOGY	Netherlands	Rejected
3138	Development of Sustainable Technologies for Urban Sewage Management in SMART Cities of the Future	Energy, Sustainability and Climate Change	Prof. Seshagiri Rao Ambati	Indian Institute of Petroleum and Energy	Prof. Ramon Vilanova Arbos	Universitat Autònoma de Barcelona	Spain	Rejected
3140	Development of Nanocluster Framework Materials as Next-Generation Antiviral Solutions	Advanced Materials, Rare-earth & Critical Minerals	Dr. Indranath Chakraborty	Indian Institute of Technology Kharagpur	Prof. Francesco Stellacci	ÉCOLE POLYTECHNIQUE FÉDÉRALE DE LAUSANNE (EPFL)	Switzerland	Accepted

3142	BCI-driven EEG Classification: Integrating CNN-SVM Fusion for Enhanced Motor Imagery Task Recognition	Healthcare & MedTech	Prof. Kishore Kumar T	National Institute of Technology Warangal	Prof. Gopikrishna Deshpande	Auburn University	United States of America	Rejected
3143	Production and characterization of an antimicrobial biosurfactant (BS) of microalgal origin for potential cosmetic application	Healthcare & MedTech	Prof. Ramkrishna Sen	Indian Institute of Technology Kharagpur	Prof. Thomas Brueck	TECHNICAL UNIVERSITY OF MUNICH	Germany	Rejected
3144	Grid Integration of Renewable Energy Sources Including Hybrid Energy Storage System (HESS)	Energy, Sustainability and Climate Change	Dr. Chinmaya K A	Indian Institute of Technology (Banaras Hindu University) Varanasi	Prof. Kaushik Rajashekara	University of Houston	United States of America	Rejected
3145	Green Banking Practices and Fintech Adoption for Sustainable Development: An Empirical Study from India and Australia	Energy, Sustainability and Climate Change	Dr. Lakshmi Tulasi Devi S	National Institute of Technology Warangal	Dr. Indra Gunawan	THE UNIVERSITY OF ADELAIDE	Australia	Rejected

3146	Smart-Net: Smarter cities and improved pedestrian safety using LiDAR-Camera fusion	Smart Cities & Mobility	Prof. Salil Goel	Indian Institute of Technology Kanpur	Prof. Kourosh Khoshelham	THE UNIVERSITY OF MELBOURNE	Australia	Accepted
3147	Emerging Technologies for Maritime Electrification and Sustainable Fuels: A BLUE Economy Perspective (TIME-BLUE)	Blue Economy	Prof. Asheesh Kumar Singh	Motilal Nehru National Institute of Technology	Prof. UMBERTO DESIDERI	UNIVERSITÄ€ DI PISA	Italy	Rejected
3148	Waste to Wealth in Concrete- Development of Geopolymer Aggregates from Industrial Residues for Applications in Construction Industry	Energy, Sustainability and Climate Change	Dr. Vasudha Dattatraya Katare	National Institute of Technology Warangal	Prof. Jorge-de Brito	UNIVERSITY OF LISBON	Portugal	Rejected
3149	Intelligent Tuneable Surfaces for 5G+/6G Communications	Next-Gen Communications	Dr. Jagannath Malik	Indian Institute of Technology Patna	Prof. Gangil Byun	Ulsan National Institute of Science and Technology (UNIST)	South Korea	Rejected

3150	An Incentive Based Approach to Grassroot Behaviour Transformation: Pro-Environment Crowd-Actions for Energy Conservation and Environmental Sustainability	Energy, Sustainability and Climate Change	Dr. Sanjram Premjit Khanganba	Indian Institute of Technology Indore	Prof. Sudhir Sharan Dixit	UNIVERSITY OF OULU	Finland	Rejected
3151	Steel-Concrete Composite Construction for Sustainable and Disaster-Resilient High-Rise Buildings in India	Disaster Management & Resilient Infrastructure	Dr. Kashyapkumar Arvindbhai Patel	Sardar Vallabhbhai National Institute of Technology	Dr. Vipulkumar Ishvarbhai Patel	LA TROBE UNIVERSITY	Australia	Rejected
3152	Adoption of Circular Economy Practices in Small and Medium-sized Enterprises for Sustainable Development: A Study from India and Australia	Energy, Sustainability and Climate Change	Dr. Lakshmi Tulasi Devi S	National Institute of Technology Warangal	Dr. Felix Kin Peng Hui	THE UNIVERSITY OF MELBOURNE	Australia	Rejected
3153	Delving into the Cosmic Dark Ages with Upcoming Lunar and Space-based Experiments	Space and Defence	Dr. Rajesh Mondal	National Institute of Technology Calicut	Prof. Rennan Barkana	TEL AVIV UNIVERSITY	Israel	Rejected

3154	AI-powered Energy Management for Sustainable Energy Communities in Smart Cities.	Energy, Sustainability and Climate Change	Prof. Sailaja Kumari Matam	National Institute of Technology Warangal	Prof. Francesco Grimaccia	POLITECNICO DI MILANO	Italy	Rejected
3155	Unravelling the Difference in Reward Circuitry between Autistic & Normal Addicts	Healthcare & MedTech	Dr. Anurag Kuhad	Panjab University	Prof. Andrew Lawrence	THE UNIVERSITY OF MELBOURNE	Australia	Accepted
3159	A Framework for Phase Balancing considering Load growth and Electric Vehicle Penetration	Energy, Sustainability and Climate Change	Dr. NARAYANAN K	Shanmugha Arts Science Technology & Research Academy	Prof. MITHULAN NADARAJAH	THE UNIVERSITY OF QUEENSLAND (UQ)	Australia	Rejected
3160	Data-driven Resilient Transportation Analytics accounting for Climate Change Impacts	Disaster Management & Resilient Infrastructure	Prof. Indrajit Ghosh	Indian Institute of Technology Roorkee	Prof. Satish V Ukkusuri	PURDUE UNIVERSITY	United States of America	Accepted
3162	Design and Development of Thermal Backup Unit for a Smart Micro-Cold Room for Indian Marginal Farmers	Energy, Sustainability and Climate Change	Dr. Anindita Roy	Symbiosis International	Dr. Abhijit Date	RMIT UNIVERSITY	Australia	Rejected

3163	Mechanism-based target discovery using advanced microfluidics and high throughput technology for sickle cell disease	Healthcare & MedTech	Prof. Suman Kundu	Birla Institute of Technology & Science	Prof. Kalpna Gupta	UNIVERSITY OF CALIFORNIA, IRVINE (UCI)	United States of America	Rejected
3164	Green 6G Connectivity: Leveraging Machine Learning for High-Powered LED based Visible Light Communication	Smart Cities & Mobility	Dr. Venkata Mani Vakamulla	National Institute of Technology Warangal	Prof. WASIU OYEWOLE POPOOLA	UNIVERSITY OF EDINBURGH	United Kingdom	Rejected
3165	Development of resilient power grid using digital twin and optimal restoration strategies during natural disasters and cyber attacks	Energy, Sustainability and Climate Change	Prof. Preetha Roselyn J	SRM Institute of Science and Technology	Prof. Li Wang	NATIONAL CHENG KUNG UNIVERSITY	Taiwan	Rejected

3167	Stability Assessment of Lead-free Cesium based All Inorganic Perovskite Solar Cells using a Combination of Density Functional Theory and Machine Learning Approaches and their Fabrication thereof	Semiconductors	Dr. Dip Prakash Samajdar	Pandit Dwarka Prasad Mishra Indian Institute of Information Technology, Design and Manufacturing (IITDM), Jabalpur	Dr. Sadia Ameen	Jeonbuk National University	South Korea	Rejected
3169	Marine Hydroelasticity: Theory, Applications, and Emerging Frontiers	Blue Economy	Prof. Trilochan Sahoo	Indian Institute of Technology Kharagpur	Prof. Michael Howard Meylan	UNIVERSITY OF NEWCASTLE	Australia	Rejected
3170	Integrating Sustainable Nature-based Geotechnical Solutions to Support Resilient Rail Infrastructure Design	Disaster Management & Resilient Infrastructure	Dr. Kalyan Kumar G	National Institute of Technology Warangal	Prof. Sanjay Nimbalkar	UNIVERSITY OF TECHNOLOGY SYDNEY (UTS)	Australia	Rejected

3171	Development of energy efficient bricks/blocks and concrete incorporating novel quantum dots and biomaterials from agriculture waste	Energy, Sustainability and Climate Change	Dr. Sandeep Shrivastava	Malaviya National Institute of Technology	Prof. Rishi Gupta	UNIVERSITY OF VICTORIA	Canada	Rejected
3172	Assessing the Impact of Climate Change and Urbanization on Flood Susceptibility in India via Novel Hybrid Metaheuristic-Machine Learning Algorithms	Energy, Sustainability and Climate Change	Dr. Deepak Kumar	G. B. Pant University of Agriculture and Technology	Prof. Sayed M Bateni	UNIVERSITY OF HAWAII AT MÄ€ÂNOA	United States of America	Rejected

3173	Construction and Performance Evaluation of an Advanced Treatment System for Remediation of Recalcitrant Organic Pollutants and Dyes: Waste to Energy Nexus and Techno-Economic Assessment	Energy, Sustainability and Climate Change	Dr. Ravi Kumar Sonwani	Indian Institute of Petroleum and Energy	Dr. Shu-Yuan Pan	NATIONAL TAIWAN UNIVERSITY (NTU)	Taiwan	Rejected
3174	Electron Beam and Laser Assisted Similar and Dissimilar Welding of Dual Phase Steel and AA 6061 Aluminium for Automotive Applications	Manufacturing & Industry 4.0	Prof. Jyotsna Dutta Majumdar	Indian Institute of Technology Kharagpur	Dr. Rasheedat Modupe Mahamood	Northumbria University	United Kingdom	Rejected

3175	Innovate for Green Energy Impact: Fostering Research Competences in Advanced Hydrogen Storage Materials – An Inclusive Approach Empowering Undergraduate and Master’s Students with Sustainable Energy Solutions	Energy, Sustainability and Climate Change	Dr. Anthony Xavier M	Vellore Institute of Technology	Dr. Ashwath Pazhani	Coventry University	United Kingdom	Rejected
3176	Development of a Ubiquitous Sensor Fusion System for Human Mental Health Monitoring	Healthcare & MedTech	Prof. Vijay Kumar Gupta	Pandit Dwarka Prasad Mishra Indian Institute of Information Technology, Design and Manufacturing (IITDM), Jabalpur	Prof. Shin'ichi Warisawa	THE UNIVERSITY OF TOKYO	Japan	Rejected
3177	Unlocking Artificial Intelligence (AI) in Agriculture for Rural Communities	Agri & Food Technologies	Dr. Rama Rao T	SRM Institute of Science and Technology	Prof. Sudhir Sharan Dixit	UNIVERSITY OF OSLO	Norway	Rejected

3178	Capacity Enhancement of Digital Twin Technology on Interpretable Artificial Intelligence Model Development for Sustainable Fuel Cell Life Cycle Assessment	Energy, Sustainability and Climate Change	Dr. Raja Singh R	Vellore Institute of Technology	Dr. Tabbie Wilberforce Awotwe	KING'S COLLEGE LONDON (KCL)	United Kingdom	Rejected
3179	Novel Beamforming and MIMO Antenna Design for 5G/6G Application Employing Time-Modulation Techniques	Next-Gen Communications	Dr. Gopi Ram	National Institute of Technology Warangal	Prof. Guy A. E. Vandebosch	KATHOLIEKE UNIVERSITEIT LEUVEN	Belgium	Accepted
3180	Enhancing the Mechanical, Tribological, and Corrosion Properties of Laser Powder Bed Fused Ti6Al4V Through Microstructure Optimization for Aerospace Applications	Manufacturing & Industry 4.0	Dr. Basil Kuriachen	National Institute of Technology Calicut	Prof. Mario Guagliano	POLITECNICO DI MILANO	Italy	Rejected

3182	Circular Economy: Exploring New Business Models to achieve Sustainability within the Apparel Industry	Manufacturing & Industry 4.0	Dr. Veena Rao	Manipal Academy of Higher Education	Dr. Mariano Ramirez	THE UNIVERSITY OF NEW SOUTH WALES (UNSW)	Australia	Rejected
3183	Multiagent AI for Controlled Sensing and Communications	Next-Gen Communications	Prof. Syed Mohammad Zafaruddin	Birla Institute of Technology & Science	Prof. Amir Leshem	BAR-ILAN UNIVERSITY	Israel	Accepted
3184	Variability-Aware Compact Models of Ti/TaOx/HfO2/Pt Resistive RAM Synaptic Devices for Neuromorphic Computing	Semiconductors	Dr. Bindu B	Vellore Institute of Technology	Dr. Asen Asenov	UNIVERSITY OF GLASGOW	United Kingdom	Rejected
3185	Understanding the role of UVRAG and BAX interaction in Autophagy-Apoptosis cross-talk and its implication in cancer therapeutics.	Healthcare & MedTech	Prof. Vikash Kumar Dubey	Indian Institute of Technology (Banaras Hindu University) Varanasi	Dr. SUPRIYA D MAHAJAN	University at Buffalo	United States of America	Rejected

3186	Inspiring the researchers of tomorrow in sustainable concrete construction	Energy, Sustainability and Climate Change	Prof. Sandeep Chaudhary	Indian Institute of Technology Indore	Dr. Boksun Kim	University of Plymouth	United Kingdom	Accepted
3187	Assessing the demand and impact of battery electric vehicle (BEV) operations on congestion and emissions along urban networks	Smart Cities & Mobility	Dr. Arkopal Kishore Goswami	Indian Institute of Technology Kharagpur	Dr. Mahmudur Fatmi	UNIVERSITY OF BRITISH COLUMBIA	Canada	Rejected
3188	Process modelling, machine learning-based real time monitoring for distortion control in wire arc metal additive manufacturing	Manufacturing & Industry 4.0	Dr. Krishna Kishore Mugada	Sardar Vallabhbhai National Institute of Technology	Prof. Leijun Li	UNIVERSITY OF ALBERTA	Canada	Rejected
3191	Development of advanced metamaterials for enhanced internal damping using AI/ML techniques	Advanced Computing (Supercomputing, AI, Quantum Computing)	Dr. Atul Jain	Indian Institute of Technology Kharagpur	Prof. Sondipon Adhikari	UNIVERSITY OF GLASGOW	United Kingdom	Rejected

3192	CyberSwan: A multimodal framework for Cyberbullying detection and Content Detoxification using Generative AI techniques	Advanced Computing (Supercomputing, AI, Quantum Computing)	Dr. Abirami Murugappan	Anna University	Dr. Siva Chandrasekaran	SWINBURNE UNIVERSITY OF TECHNOLOGY	Australia	Rejected
3193	Understanding and optimizing metal oxide-zeolite tandem catalysts for direct conversion of CO2 to hydrocarbons	Energy, Sustainability and Climate Change	Dr. Jithin John Varghese	Indian Institute of Technology Madras	Prof. Manish Shetty	TEXAS A&M UNIVERSITY	United States of America	Rejected
3194	Next Gen Vehicle Connect (NGVC) - A Revolutionary B5G/6G Testbed for Context-Aware V2X Communications using Edge-AI and Decentralized Reinforcement Learning techniques	Next-Gen Communications	Dr. Rammohan Arunachalam	Vellore Institute of Technology	Dr. Hafiz Husnain Raza Sherazi	University of West London	United Kingdom	Rejected

3195	Design and Development Advance Lightweight of Composites Materials for Protective Structures	Space and Defence	Dr. Shivdayal Patel	Pandit Dwarka Prasad Mishra Indian Institute of Information Technology, Design and Manufacturing (IITDM), Jabalpur	Dr. Aswani Kumar Bandaru	University of Limerick	United Kingdom	Rejected
3196	DHARANI: 4D Developing Human brain Atlas as a Resource to Advance Neuroscience Internationally	Healthcare & MedTech	Prof. Mohanasankar Sivaprakasam	Indian Institute of Technology Madras	Prof. Suzana Herculano Houzel	VANDERBILT UNIVERSITY	United States of America	Accepted
3198	Integrating Artificial Intelligence and Natural Intelligence to Explain Biological Decision Making for Homeostasis and Reward Acquisition	Advanced Computing (Supercomputing, AI, Quantum Computing)	Prof. Veeky Baths	Birla Institute of Technology & Science	Prof. Boris Gutkin	Ecole Normale Superieure (Paris)	France	Rejected

3200	Assistive Technologies and Multimodal AI solutions for Mental Wellness	Healthcare & MedTech	Dr. Manjari Gupta	Banaras Hindu University	Dr. Deepti Mishra	NORWEGIAN UNIVERSITY OF SCIENCE AND TECHNOLOGY	Norway	Rejected
3201	Mathematical Modelling for Sustainable Future: A Cross-Border Exploration of Eco-Socio-Epidemiological Systems	Energy, Sustainability and Climate Change	Dr. Purnedu Mishra	Atal Bihari Vajpayee Indian Institute of Information Technology and Management	Prof. Arcady Ponosov	Norwegian University of Life Sciences Norway (Qs Subject Rank 401-500 in Life Sciences & 6th in Agriculture and Forestry)	Norway	Rejected
3202	Engineering fire safety in high-rise buildings	Disaster Management & Resilient Infrastructure	Prof. Svetha Venkatachari	Indian Institute of Technology Delhi	Prof. Venkatesh Kodur	MICHIGAN STATE UNIVERSITY	United States of America	Rejected
3203	Impact response of additively manufactured Ti-6Al-4V lattice structures	Manufacturing & Industry 4.0	Dr. Manjajiah Mallaiah	National Institute of Technology Warangal	Prof. Clodualdo Jr Aranas	University of New Brunswick	Canada	Accepted

3205	Modeling Driver Behaviour Under Heterogeneous Traffic Conditions Using Unmanned Aerial Systems	Smart Cities & Mobility	Dr. Bhadradri Raghuram Kadali	National Institute of Technology Warangal	Prof. Tomer Toledo	TECHNION - ISRAEL INSTITUTE OF TECHNOLOGY	Israel	Rejected
3207	Product and Process Quality Management for Durable and Sustainable Infrastructure in Emerging Economies	Disaster Management & Resilient Infrastructure	Dr. Nikhil Bugalia	Indian Institute of Technology Madras	Dr. Yuya Takahashi	THE UNIVERSITY OF TOKYO	Japan	Rejected
3208	Pore-scale to system level design of water desalination and water purification unit	Energy, Sustainability and Climate Change	Prof. Bahni Ray	Indian Institute of Technology Delhi	Prof. Bijoy Bera	DELFT UNIVERSITY OF TECHNOLOGY	Netherlands	Rejected
3209	Climate change, Sustainability and Energy: Prospects and constraints in the case of Odisha State	Energy, Sustainability and Climate Change	Dr. Dukhabandhu Sahoo	Indian Institute of Technology Bhubaneswar	Prof. Kaliappa Kalirajan	AUSTRALIAN NATIONAL UNIVERSITY (ANU)	Australia	Rejected

3210	Building Robust and Adaptive Cybersecurity Frameworks for Connected Vehicles: A Focus on Intrusion Detection and Decentralized Authentication	Smart Cities & Mobility	Dr. Meenakshi Tripathi	Malaviya National Institute of Technology	Dr. Indrakshi Ray	COLORADO STATE UNIVERSITY	United States of America	Rejected
3211	Development of a device for automatic detection of abnormal electroencephalogram (EEG) patterns	Healthcare & MedTech	Dr. Hareesha Katiganere Siddaramappa	Manipal Academy of Higher Education	Dr. Pitchaiah Mandava	BAYLOR COLLEGE OF MEDICINE	United States of America	Rejected
3212	Development of AI based framework for the prediction of Hydrogen Embrittlement failure on welded and 3D printed parts	Advanced Computing (Supercomputing, AI, Quantum Computing)	Dr. Margret Anuncia S	Vellore Institute of Technology	Dr. Arivazhagan Anbalagan	Coventry University	United Kingdom	Accepted
3213	Deciphering complex-liquid retention on flexible surfaces for greener pesticide spray management	Agri & Food Technologies	Prof. Ranjan Ganguly	Jadavpur University	Prof. Constantine M Megaridis	UNIVERSITY OF ILLINOIS, CHICAGO (UIC)	United States of America	Accepted

3214	Design for Reliability of Stacked Transistor from Device Physics to System for Reliable AI Acceleration	Semiconductors	Dr. Navjeet Bagga	Indian Institute of Technology Bhubaneswar	Prof. Vihar Georgiev	UNIVERSITY OF GLASGOW	United Kingdom	Rejected
3215	X-Energy: Explainable artificial intelligence for multifunctionally-enhanced wind energy harvesting through architected optimal metamaterials	Advanced Computing (Supercomputing, AI, Quantum Computing)	Dr. Sudip Dey	National Institute of Technology Silchar	Prof. MICHELE MEO	UNIVERSITY OF SOUTHAMPTON	United Kingdom	Rejected
3216	Design and Development of Advanced Composite Friction Materials for Controlling Non-Exhaust Wear Emission for Electric Vehicles	Advanced Materials, Rare-earth & Critical Minerals	Dr. Piyush Chandra Verma	Birla Institute of Technology & Science	Prof. Stefano Gialanella	University of Trento	Italy	Rejected

3217	Building transformative research capabilities of masters students in sustainability	Energy, Sustainability and Climate Change	Prof. Debananda Misra	Indian Institute of Technology Delhi	Dr. Ida Kubiszewski	UCL (UNIVERSITY COLLEGE LONDON)	United Kingdom	Accepted
3218	Investigation of flash drought indicators and development of spatial visualization platform within an artificial intelligence environment to forecast future scenarios for sustainable crop production.	Energy, Sustainability and Climate Change	Dr. Tarun Pratap Singh	Symbiosis International	Dr. Sunil Bhaskaran	COLORADO STATE UNIVERSITY	United States of America	Rejected
3220	Sustainable value chain with farmer producer organizations (FPOs): Achieving climate resilience through millets in India	Agri & Food Technologies	Dr. Ramappagari Leshma Manogna	Birla Institute of Technology & Science	Prof. Ashok K. Mishra	ARIZONA STATE UNIVERSITY	United States of America	Rejected

3221	Advancing Healthcare through Predictive Analytics: A Machine Learning Approach	Advanced Computing (Supercomputing, AI, Quantum Computing)	Prof. Dr. Gurinder Singh	Amity University	Dr. KIRAN TREHAN	YORK UNIVERSITY	United Kingdom	Accepted
3223	Autonomous Metasurface Enhanced Electronically Reconfigurable mmWave Leaky-Wave Antennas for 5G Beamforming	Next-Gen Communications	Dr. Pandeewari R	National Institute of Technology Tiruchirappalli	Prof. Shulabh Gupta	Carleton University	Canada	Accepted
3225	Climate Resilient Framework for Sustainable Water and Agriculture Management in the Major Basins of Southern India	Energy, Sustainability and Climate Change	Dr. Venkata Reddy Keesara	National Institute of Technology Warangal	Dr. Sridhar Venkatarama na	VIRGINIA POLYTECHNIC INSTITUTE (VIRGINIA TECH)	United States of America	Rejected

3226	CAPACITY BUILDING MENTORSHIP PROGRAMME FOR IMPLEMENTATION OF ANTIMICROBIAL STEWARDSHIP THROUGH TECHNOLOGY-ASSISTED TOOL IN PRIMARY AND SECONDARY CARE CLINICAL SETTINGS IN INDIA	Healthcare & MedTech	Dr. Girish Thunga	Manipal Academy of Higher Education	Dr. Sohil Khan	GRIFFITH UNIVERSITY	Australia	Rejected
3227	Innovation with geonaturals for sustainable and resilient ground infrastructures in disaster-prone areas	Disaster Management & Resilient Infrastructure	Dr. SREEVALSA KOLATHAYAR	National Institute of Technology Surathkal	Prof. Sanjay Kumar Shukla	Edith Cowan University	Australia	Rejected
3228	Environmental Monitoring and Evaluation via Remote Advanced LoRa-Driven Detectors (EMERALD) for Heavy Metal Contamination	Next-Gen Communications	Dr. Siva Rama Krishnan S	Vellore Institute of Technology	Prof. David Windridge	Middlesex University	United Kingdom	Accepted

3229	Advanced polymer technology for biomedical applications	Healthcare & MedTech	Prof. Ashok Kumar	Indian Institute of Technology Kanpur	Prof. Andreas Nuessler	EBERHARD KARLS UNIVERSITÄT TÄBINGEN	Germany	Rejected
3230	A Systematic Approach to Design of Robust Cryogenic-CMOS Models for Analog Front-end Circuitry in Quantum Metrology Augmented through Machine Learning	Semiconductors	Prof. Sudeb Dasgupta	Indian Institute of Technology Roorkee	Prof. Benjamin Inguiez	Universitat Rovira i Virgili (URV), Tarragona, Spain	Spain	Rejected
3231	Analytical methods for heterogeneous mental health data using functional magnetic resonance imaging	Healthcare & MedTech	Dr. Anil Kumar Sao	Indian Institute of Technology Bhilai	Prof. Bharat Biswal	New Jersey Institute of Technology	United States of America	Rejected

3232	Advanced Deep Learning Based Super-Resolution and Automated Tissue Region Segmentation on Pathological Images for Early Detection of Abnormalities	Healthcare & MedTech	Dr. Deivalakshmi S	National Institute of Technology Tiruchirappalli	Dr. Vijayan K Asari	University of Dayton	United States of America	Rejected
3234	Sustainable provision of energy to mitigate the impact climate disasters	Energy, Sustainability and Climate Change	Prof. VIJAYAKUMAR KRISHNASAMY	SRM Institute of Science and Technology	Dr. Desen Kirli	UNIVERSITY OF EDINBURGH	United Kingdom	Rejected
3235	More Electric and All Electric aircrafts towards Resilient Decarbonized Communities	Energy, Sustainability and Climate Change	Dr. Shakthi Prasad Dakappa	Indian Institute of Technology Goa	Prof. Shesha Jayaram	UNIVERSITY OF WATERLOO	Canada	Accepted
3236	Dynamic stall investigation in wind turbine aerodynamics through pitching aerofoil characteristics	Energy, Sustainability and Climate Change	Dr. NADARAJA PILLAI S	Shanmugha Arts Science Technology & Research Academy	Prof. CAO Shuyang	TONGJI UNIVERSITY	China	Rejected
3237	Unravelling quantum many-body systems using quantum computation	Advanced Computing (Supercomputing, AI, Quantum Computing)	Dr. Arpan Bhattacharyya	Indian Institute of Technology Gandhinagar	Prof. Jeff Murugan	UNIVERSITY OF CAPE TOWN	South Africa	Rejected

3238	Future-Ready Eyecare with AI: Identification of High-Risk Diabetic Retinopathy Patients in Resource Constrained Settings of Rural and Urban India	Healthcare & MedTech	Prof. Aparajita Ojha	Pandit Dwarka Prasad Mishra Indian Institute of Information Technology, Design and Manufacturing (IITDM), Jabalpur	Prof. Dinesh Kant Kumar	RMIT UNIVERSITY	Australia	Rejected
3239	[EEE] Electrochemical-transport in ion Exchange membrane Electrolyser for green hydrogen production	Energy, Sustainability and Climate Change	Dr. Sourav Mondal	Indian Institute of Technology Kharagpur	Prof. Guy Ramon	TECHNION - ISRAEL INSTITUTE OF TECHNOLOGY	Israel	Accepted
3240	Earthquake and Rainfall Induced Slope Disaster Mitigation towards Sustainable and Resilient Society	Disaster Management & Resilient Infrastructure	Dr. Heeralal M	National Institute of Technology Warangal	Prof. Hemanta Hazarika	KYUSHU UNIVERSITY	Japan	Rejected

3241	Crop Residue Based Value Added Products using Additive Manufacturing: An Exploration of Supply Chain Design for Decarbonisation	Energy, Sustainability and Climate Change	Prof. Srikanta Routroy	Birla Institute of Technology & Science	Dr. Muhammad D. Abdulrahman	RMIT UNIVERSITY	Australia	Rejected
3242	Revolutionizing Urban Mobility: Bridging Mobile EV Charging Innovations with Critical Skill Development in India's Emerging Tech Sector for a Sustainable Future	Smart Cities & Mobility	Prof. Amarendra Edpuganti	Indian Institute of Technology Kanpur	Prof. Sze Sing Lee	NEWCASTLE UNIVERSITY	Singapore	Rejected
3244	Acoustic characterization of pegylated lipid-shelled microbubbles in microfluidic channel	Healthcare & MedTech	Dr. Nirmalendu Biswas	Jadavpur University	Prof. Kausik Sarkar	GEORGE WASHINGTON UNIVERSITY	United States of America	Rejected
3245	Digital Twins for AI-enabled Personalized Rehabilitation using IoT Technology	Healthcare & MedTech	Dr. Pravin Kumar S	Sri Sivasubramaniya Nadar College of Engineering	Dr. Deepak Mishra	THE UNIVERSITY OF NEW SOUTH WALES (UNSW)	Australia	Rejected

3246	High-performance and highly reliable two-dimensional thin film transistors (2D TFT) based on hexagonal boron nitride	Advanced Materials, Rare-earth & Critical Minerals	Dr. Pramoda Kumar Nayak	Jain university	Dr. Sangyeon Pak	Hongik University	South Korea	Rejected
3247	Blockchain-Enabled Autonomous Drone Network for Geofencing	Space and Defence	Prof. SHASHIKALA TAPASWI	Atal Bihari Vajpayee Indian Institute of Information Technology and Management	Dr. . Priyadarsi Nanda	University of Technology Sydney	Australia	Rejected
3248	Design and Development of Cost-Effective Devices / Methods to Detect Elements Responsible for Chemical, Biological, Radiological and Nuclear Disasters and Prepare the Vulnerable Communities to Combat the Disasters	Disaster Management & Resilient Infrastructure	Prof. Raj Mohan Balakrishnan	National Institute of Technology Surathkal	Prof. Peter Cameron	MONASH UNIVERSITY	Australia	Rejected

3249	Incident Response and Recovery for Resilient Critical Infrastructure against Cyber and Physical Attacks	Disaster Management & Resilient Infrastructure	Dr. Venkata Reddy Palleti	Indian Institute of Petroleum and Energy	Dr. Srijith Balakrishnan	DELFT UNIVERSITY OF TECHNOLOGY	Netherlands	Rejected
3250	Deep Ensemble learning framework for Breast cancer grading using Histopathology images for the effective treatment plan	Advanced Computing (Supercomputing, AI, Quantum Computing)	Dr. Lakshmanan B	Mepco Schlenk Engineering College	Prof. Lipo Wang	NANYANG TECHNOLOGICAL UNIVERSITY (NTU)	Singapore	Rejected
3251	Algorithmic Fairness in Graph Data Mining	Advanced Computing (Supercomputing, AI, Quantum Computing)	Dr. Pradumn Kumar Pandey	Indian Institute of Technology Roorkee	Dr. Frank W. Takes	LEIDEN UNIVERSITY	Netherlands	Rejected
3254	Role of Safety Leading Indicators and Skill level of Contractual Workers in Occupational Injuries in Surface Metal Mines: A Machine Learning Approach.	Advanced Computing (Supercomputing, AI, Quantum Computing)	Dr. BIJAY MIHIR KUNAR	National Institute of Technology Surathkal	Dr. RENNIE B. KAUNDA	COLORADO SCHOOL OF MINES	United States of America	Rejected

3255	Cellular Cartography: Data-centric mapping of the dynamic landscape of cellular organization	Healthcare & MedTech	Prof. Jitin Singla	Indian Institute of Technology Roorkee	Prof. Kate L. White	UNIVERSITY OF SOUTHERN CALIFORNIA	United States of America	Rejected
3257	Advanced Applications of Deep Learning and Remote Sensing for Sustainable Infrastructure Monitoring	Advanced Computing (Supercomputing, AI, Quantum Computing)	Dr. Prashanth Janardhan	National Institute of Technology Silchar	Dr. Rami Derbel	Saga University	Japan	Rejected
3258	Resilient Infrastructures through Ground Improvement with Fiber-Reinforced Deep Mixing Method	Disaster Management & Resilient Infrastructure	Dr. Neha Shrivastava	Malaviya National Institute of Technology	Prof. Kiyonobu KASAMA	KYUSHU UNIVERSITY	Japan	Rejected
3259	Next-Gen Building: Alkali-Activated Concrete for Advancing 3D Printable Prefabricated Systems in Sustainable Infrastructures	Energy, Sustainability and Climate Change	Prof. Ramesh Nayaka	Indian Institute of Technology Dharwad	Prof. Yixia (Sarah) Zhang	WESTERN SYDNEY UNIVERSITY	Australia	Rejected

3260	India-Taiwan Collaborative Workforce Development Program in Semiconductor Manufacturing	Semiconductors	Dr. Naresh Kumar Emani	Indian Institute of Technology Hyderabad	Prof. Siva Rama Krishna Vanjari	Lunghwa University of Science and Technology	Taiwan	Accepted
3261	Collaborative Research and Capacity Building on Corrosion Mitigation of Steel Reinforced Concrete Exposed to Aggressive Conditions for Sustainable Society	Disaster Management & Resilient Infrastructure	Dr. Bibhuti Bhusan Das	National Institute of Technology Surathkal	Dr. Jitendra Kumar Singh	HANYANG UNIVERSITY	South Korea	Rejected
3262	A NextGen Communication bridge to ensure affordable, reliable and sustainable energy in microgrids	Next-Gen Communications	Dr. Anup Shukla	Indian Institute of Technology Jammu	Dr. Francisco M. Gonzalez-Longatt	LOUGHBOROUGH UNIVERSITY	United Kingdom	Rejected

3263	Robust Transactive Energy and Carbon Allowance Management for Net Zero Networked Microgrids	Energy, Sustainability and Climate Change	Dr. PRERNA JAIN	Malaviya National Institute of Technology	Prof. Alberto Borghetti	Alma Mater Studiorum - University of Bologna	Italy	Rejected
3264	AI-based Digital Transformation of Real-Time Battery and Smart Grid Management	Smart Cities & Mobility	Dr. Altaf Qurban Hussain Badar	National Institute of Technology Warangal	Prof. Jahangir Hossain	UNIVERSITY OF TECHNOLOGY SYDNEY (UTS)	Australia	Rejected
3265	Research Capacity Building in Green Hydrogen - The Fuel of the Future	Energy, Sustainability and Climate Change	Dr. SAKTHIVADIVEL D	Vellore Institute of Technology	Dr. Sudhagar Pitchaimuthu	HERIOT-WATT UNIVERSITY	United Kingdom	Accepted
3266	6G Global NextGen Multiple Access and Interference Management Techniques for LEO Satellites in Non-Terrestrial Networks.	Space and Defence	Dr. Nikumani Choudhury	Birla Institute of Technology & Science	Dr. Aryan Kaushik	UNIVERSITY OF SUSSEX	United Kingdom	Rejected

3267	Development of an Integrated Biorefinery System: Synergizing Microalgae Biofuel Production, Wastewater Treatment, and Biogas Generation in a Bioelectrochemical System Platform	Energy, Sustainability and Climate Change	Dr. Surajbhan Sevda	National Institute of Technology Warangal	Prof. Vijaya Raghavan	MCGILL UNIVERSITY	Canada	Accepted
3268	BIMODAL QUANTITATIVE PHASE AND ULTRASPECTRAL IMAGING FOR LABEL FREE BLOOD CELL ANALYSIS	Healthcare & MedTech	Dr. Suchand Sandeep C. S.	Manipal Academy of Higher Education	Dr. Young-Jin Kim	KAIST - KOREA ADVANCED INSTITUTE OF SCIENCE AND TECHNOLOGY	South Korea	Rejected

3269	Development of Scalable and Sustainable Dynamic Wireless Power Transfer Roadway Charging Systems for Electric Vehicles with Enhanced Transient Characteristics and Power Distribution	Smart Cities & Mobility	Dr. Narayanamoorthi R	SRM Institute of Science and Technology	Prof. Saad Mekhilef	SWINBURNE UNIVERSITY OF TECHNOLOGY	Australia	Rejected
3270	CITADEL: City Innovation through Advanced Digital Education and Learning	Smart Cities & Mobility	Dr. Nand Kumar	Malaviya National Institute of Technology	Prof. Jorg Rainer Noennig	TECHNISCHE UNIVERSITÄT DRESDEN	Germany	Rejected
3272	Modulating Crosslinking Networks of Elastomers in Transitional Metal Coordination Complexes for Low-Voltage Actuation	Advanced Materials, Rare-earth & Critical Minerals	Prof. Pradip Kumar Maji	Indian Institute of Technology Roorkee	Prof. Sven Wiessner	TECHNISCHE UNIVERSITÄT DRESDEN	Germany	Rejected

3273	Molecular Engineering of 2D-3D Perovskites for High Performance Durable Optoelectronic Devices	Semiconductors	Prof. Malla Reddy C	Indian Institute of Technology Hyderabad	Dr. Pablo Docampo	UNIVERSITY OF GLASGOW	United Kingdom	Rejected
3274	An integrated multi-modal crop phenotyping framework for paddy in southern region of India for precision agriculture	Agri & Food Technologies	Dr. Sornalakshmi K	SRM Institute of Science and Technology	Dr. Mrigank Rochan	UNIVERSITY OF SASKATCHEWAN	Canada	Rejected
3276	Harnessing Microbial Induced Calcite Precipitation (MICP) for Sustainable Mining Operations: Exploring Applications and Enhancing Efficiency	Disaster Management & Resilient Infrastructure	Prof. Arif Ali Baig Moghal	National Institute of Technology Warangal	Dr. Tejovikash Bheemasetti	UNIVERSITY OF ARIZONA	United States of America	Rejected

3277	High-performance antimicrobial coating armoured with aggregation-induced emission nanoparticles for medical devices and textiles	Advanced Materials, Rare-earth & Critical Minerals	Prof. Inamur Rahaman Laskar	Birla Institute of Technology & Science	Prof. Youhong Tang	FLINDERS UNIVERSITY	Australia	Rejected
3278	Development of Smart, Robust and Resilient Control Design for Cyber-physical Microgrid using Reinforcement Learning	Energy, Sustainability and Climate Change	Dr. Mahendra Kumar	Dr. B.R.Ambedkar National Institute of Technology Jalandhar	Dr. Huadong Mo	THE UNIVERSITY OF NEW SOUTH WALES (UNSW)	Australia	Rejected
3280	Quantification and Segmentation of Myelin from Magnetic Resonance Imaging for Children less than two years and from Fetal Brain Images using Deep Learning Techniques	Healthcare & MedTech	Dr. Brintha Therese A	Vellore Institute of Technology	Dr. George Ghinea	BRUNEL UNIVERSITY	United Kingdom	Rejected

3281	Biochar application in agri-food systems: Implications for climate change adaptation and soil health	Energy, Sustainability and Climate Change	Prof. P Balasubramanian	National Institute of Technology Rourkela	Prof. Scott X Chang	UNIVERSITY OF ALBERTA	Canada	Rejected
3282	Studies on Wear and Corrosion Mechanisms of Mg-based Compositionally Complex Alloys (CCAs) and its Tailoring through Laser Surface Engineering	Manufacturing & Industry 4.0	Prof. Jyotsna Dutta Majumdar	Indian Institute of Technology Kharagpur	Prof. MANOJ GUPTA	NATIONAL UNIVERSITY OF SINGAPORE (NUS)	Singapore	Accepted
3283	Investigation of Reliability and Variability of Aging-Aware New Semiconductor Devices including 2D Materials at Advanced Technology Nodes for Harsh Environments	Semiconductors	Dr. Vadthiya Narendar	National Institute of Technology Warangal	Prof. NAGARAJAN RAGHAVAN	Singapore University of Technology and Design (SUTD)	Singapore	Rejected

3284	Application of carbonaceous electrospun nanofiber sensor towards heavy metals detection	Advanced Materials, Rare-earth & Critical Minerals	Dr. Somak Chatterjee	Birla Institute of Technology & Science	Prof. Kuan-Chen (KC) Cheng	NATIONAL TAIWAN UNIVERSITY (NTU)	Taiwan	Rejected
3285	Novel Hydrothermal Valorization of Agricultural Wastes using Nanocomposite Catalysts to produce Platform Biochemicals	Energy, Sustainability and Climate Change	Dr. ARCHNA NARULA	M.S.Ramaiah Institute of Technology	Dr. Sonil Nanda	DALHOUSIE UNIVERSITY	Canada	Rejected
3286	Immersive and Experiential Learning for Sustainability Education of Building Professionals	Energy, Sustainability and Climate Change	Prof. Ann Francis	Indian Institute of Technology Delhi	Dr. Olubukola Tokede	DEAKIN UNIVERSITY	Australia	Rejected
3287	Earthquake resistance Masonry infill wall with Nickel-Chrome Plating Sludge bricks	Energy, Sustainability and Climate Change	Dr. Dipendu Bhunia	Birla Institute of Technology & Science	Dr. Vipul Ishvarbhai Patel	LA TROBE UNIVERSITY	Australia	Rejected

3288	CardioInsight: In Silico Exploration of Left Ventricular Tachycardia in Ischemic and Scarred Hearts	Healthcare & MedTech	Prof. BV Rathish Kumar	Indian Institute of Technology Kanpur	Prof. Martin Falcke	HUMBOLDT-UNIVERSITÄT ZU BERLIN	Germany	Rejected
3289	Scientific machine learning based fast surrogates for investigation of instabilities and evaporation of liquid films in small-scale geometries for biological and clean energy application	Advanced Computing (Supercomputing, AI, Quantum Computing)	Dr. Aranyak Chakravarty	Jadavpur University	Prof. Soumik Sarkar	Iowa State University	United States of America	Rejected
3290	Innovative method for nanocellulose production, tracing and its use in sustainable composite materials and plastic electronics	Advanced Materials, Rare-earth & Critical Minerals	Prof. KRV Subramanian	M.S.Ramaiah Institute of Technology	Prof. Maria Soledad Peresin	Auburn University	United States of America	Rejected

3292	Linking PM characteristics with its toxicity via oxidative potential, in-vitro ROS generation, and cell viability	Energy, Sustainability and Climate Change	Dr. Sameer Patel	Indian Institute of Technology Gandhinagar	Dr. Vishal Verma	UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN	United States of America	Accepted
3293	4D-printed Shape Memory Composite for Multi-functional Applications	Manufacturing & Industry 4.0	Prof. Shampa Aich	Indian Institute of Technology Kharagpur	Prof. Tarasankar Debroy	PENNSYLVANIA STATE UNIVERSITY	United States of America	Rejected
3294	DEVELOPMENT OF ADVANCED COMPUTATIONAL TECHNIQUES TO INVESTIGATE CRYSTALLIZATION PROCESS IN A MICRO-CRYSTALLIZER	Advanced Computing (Supercomputing, AI, Quantum Computing)	Dr. B Ashraf Ali	National Institute of Technology Surathkal	Prof. Dominique THEVENIN	University of Magdeburg "Otto von Guericke" Universitaets platz	Germany	Rejected
3295	Studies of charged and neutral radiation in space, its variations and potential impact on human presence in space	Space and Defence	Prof. Sreekumar P	Manipal Academy of Higher Education	Dr. Vinay Kashyap	HARVARD UNIVERSITY	United States of America	Accepted

3296	Constitutive modelling of metals using physics informed machine learning: Application to structural response against impulse loading	Advanced Computing (Supercomputing, AI, Quantum Computing)	Prof. Saikat Sarkar	Indian Institute of Technology Delhi	Prof. Angkur Shaikeea	UNIVERSITY OF CAMBRIDGE	United Kingdom	Rejected
3297	AI-Driven Eco-Phenotyping: Transforming Crop Trait Analysis for Sustainable Agriculture	Advanced Computing (Supercomputing, AI, Quantum Computing)	Dr. Vinod Goyal	Chaudhary Charan Singh Haryana Agricultural University	Prof. Pejman Rasti	ESAIP - Université d'Angers	France	Rejected
3298	Sustainable Mobility Nexus for future cities : Developing research capacities and training programmes for students	Smart Cities & Mobility	Dr. Dastagiri Reddy Bonthapalle	National Institute of Technology Surathkal	Prof. Niraj Kumar	UNIVERSITY OF ESSEX	United Kingdom	Rejected
3299	Digital twin based monitoring, control and operation of a smart microgrid	Smart Cities & Mobility	Prof. Alivelu Manga Parimi	Birla Institute of Technology & Science	Prof. Jing Yang	RMIT UNIVERSITY	Australia	Rejected

3300	Electrochemical Sensing of Food stored in Aluminium Containers using Nanostructured Perovskite Materials	Agri & Food Technologies	Prof. Anandan Sambandam	National Institute of Technology Tiruchirappalli	Prof. Zhu Jun Jie	NANJING UNIVERSITY	China	Rejected
3301	Empath: Multimodal Emotion-Aware Computing and Interaction for Assistive and Rehabilitative Technologies	Advanced Computing (Supercomputing, AI, Quantum Computing)	Dr. Yogesh Kumar Meena	Indian Institute of Technology Gandhinagar	Dr. Anirban Chowdhury	UNIVERSITY OF ESSEX	United Kingdom	Rejected
3302	Transforming Waste into Supplementary Cementitious Materials for Sustainable Concrete and a Renewable Future	Energy, Sustainability and Climate Change	Dr. Vasudha Dattatraya Katare	National Institute of Technology Warangal	Prof. Prannoy Suraneni	UNIVERSITY OF MIAMI	United States of America	Rejected
3303	Resilience and Cybersecurity Enhancement for an Optimized Distribution System Using Blockchain	Energy, Sustainability and Climate Change	Prof. Gururaj MV	Indian Institute of Technology Kanpur	Prof. Naveen Chilamkurti	LA TROBE UNIVERSITY	Australia	Accepted

3304	Development of multifunctional heterogeneous catalysts for CO2 hydrogenation - coupled depolymerization of PET to value-added monomers	Energy, Sustainability and Climate Change	Dr. SOORAJ KUNNIKURUVAN	Indian Institute of Technology Madras	Dr. Sankar Meenakshisundaram	CARDIFF UNIVERSITY	United Kingdom	Rejected
3305	Developing Drowsy Driving Mitigation Strategies using Physiological Signal Modalities in Indian Terrains	Healthcare & MedTech	Prof. Tharun Kumar Reddy Bollu	Indian Institute of Technology Roorkee	Dr. Yu-Chin Chiu	PURDUE UNIVERSITY	United States of America	Rejected
3307	Development of strategies for enzymatic synthesis of lignin hydrogels and their application as self-powered tribo-electric nanogenerators	Energy, Sustainability and Climate Change	Dr. Lohit Kumar Srinivas Gujjala	National Institute of Technology Rourkela	Prof. Jae Su Yu	KYUNG HEE UNIVERSITY	South Korea	Rejected
3308	Platformization and Networked Mobilities: A Comparative Study across Select Indian Smart Cities	Smart Cities & Mobility	Dr. Avishek Ray	National Institute of Technology Silchar	Dr. Nishant Shah	CITY UNIVERSITY OF HONG KONG	Hong Kong	Rejected

3309	Physics Informed Deep Learning Cyber Security Framework for Digital Twin enabled Integrated Power Network Infrastructure	Energy, Sustainability and Climate Change	Dr. Soumya R Mohanty	Indian Institute of Technology (Banaras Hindu University) Varanasi	Dr. Subhash Lakshminarayana	THE UNIVERSITY OF WARWICK	United Kingdom	Rejected
3310	Recyclable and Sustainable Bio-based Ethylene Propylene Diene Rubber (EPDM) Composites Exploring Green Cross-linking System and Bio-Fillers for Automotive Applications	Energy, Sustainability and Climate Change	Prof. Kinsuk Naskar	Indian Institute of Technology Kharagpur	Prof. Edward Bryan Coughlin	UNIVERSITY OF MASSACHUSETTS, AMHERST	United States of America	Rejected
3311	Formulation-based strategy to design membrane targeting antimicrobial peptide-based therapeutics for cancer and eye infections	Healthcare & MedTech	Prof. Swati Biswas	Birla Institute of Technology & Science	Prof. Adam Mechler	LA TROBE UNIVERSITY	Australia	Accepted

3312	International Clinical Trial and Process Evaluation of RoboExo SMART : An Upper Limb Rehabilitation Exoskeleton Device Developed by IIT Delhi	Healthcare & MedTech	Prof. Amit Mehndiratta	Indian Institute of Technology Delhi	Prof. Mark Parson	University of New South Wales, Sydney	Australia	Accepted
3313	Experimental, analytical and physics informed neural network modelling of thermocoustic oscillations in hydrogen-rich gas combustion	Energy, Sustainability and Climate Change	Prof. Meenatchidevi Murugesan	Indian Institute of Technology Dharwad	Prof. Vaneet Aggarwal	PURDUE UNIVERSITY	United States of America	Rejected

3314	Encapsulated PCM-based Magnetic Nanoparticles and AI Applications for Optimising Separation of Carcinogenic Industrial Solvents Using Solar Energy: Shaping Towards Sustainable Development	Energy, Sustainability and Climate Change	Dr. Suvanjan Bhattacharyya	Birla Institute of Technology & Science	Prof. Tunde Bello Ochende	UNIVERSITY OF CAPE TOWN	South Africa	Accepted
3315	Studies on the Multi-stimuli responsive Coordination Polymers/Metal Organic Frameworks (CPs/MOFs) using pharmaceutically important compounds and exploration of their drug action and drug delivery activity	Healthcare & MedTech	Prof. Chittaranjan Sinha	Jadavpur University	Dr. Binod Babu Shrestha	KYOTO UNIVERSITY	Japan	Rejected

3317	IMPLICIT: Integrated Multimodal Public Transit Planning for Indian Cities and Towns	Smart Cities & Mobility	Dr. Debasis Basu	Indian Institute of Technology Bhubaneswar	Prof. Sabyasachee Mishra	University of Memphis	United States of America	Rejected
3318	CREAMIER 6G- Commensal integrated sensing And communications technologies for 6G	Next-Gen Communications	Prof. Mohammed Ali Zafar Ali Khan	Indian Institute of Technology Hyderabad	Prof. Faheem Khan	University of Huddersfield	United Kingdom	Rejected
3320	Development of Digital Twin of underground utilities for Smart cities	Smart Cities & Mobility	Dr. Aneetha Vilventhan	National Institute of Technology Warangal	Dr. Ranjith Kuttantharap pel Soman	DELFT UNIVERSITY OF TECHNOLOGY	Netherlands	Accepted
3321	Building research capacity in the application of Artificial Intelligence (AI) to develop an efficient green business model for the energy sector	Energy, Sustainability and Climate Change	Dr. Aneesh Sreevallabh Chivukula	Birla Institute of Technology & Science	Prof. Monomita Nandy	BRUNEL UNIVERSITY	United Kingdom	Rejected

3322	Flexible Self-healing Polymeric Materials for Sensors Applications	Healthcare & MedTech	Prof. Narayan Chandra Das	Indian Institute of Technology Kharagpur	Prof. Mohini Sain	UNIVERSITY OF TORONTO	Canada	Rejected
3323	Physico-chemical characterization of millets to investigate its nutraceutical benefits and prebiotic potential and its influence on gut brain axis	Agri & Food Technologies	Dr. Nirmal Mazumder	Manipal Academy of Higher Education	Dr. Ming-Che Chan	NATIONAL YANG MING UNIVERSITY	Taiwan	Rejected
3324	Design of Orthogonal Time Frequency Space (OTFS) based Communication Testbed for Intelligent and Safe High-Speed Railways	Next-Gen Communications	Dr. Venkata Mani Vakamulla	National Institute of Technology Warangal	Prof. Mathini Sellathurai	HERIOT-WATT UNIVERSITY	United Kingdom	Rejected

3325	Investigating climate change influence on water-energy-food nexus and its impact on sustainable livelihood of Indian Households	Energy, Sustainability and Climate Change	Dr. Geetilaxmi Mohapatra	Birla Institute of Technology & Science	Prof. Clevo Wilson	QUEENSLAND UNIVERSITY OF TECHNOLOGY (QUT)	Australia	Rejected
3326	Battery + Green Hydrogen: Hybrid Energy Storage and Power Conversion System for Future Microgrids	Energy, Sustainability and Climate Change	Prof. Deepak Fulwani	Indian Institute of Technology Jodhpur	Dr. Harish Sarma Krishnamoorthy	University of Houston	United States of America	Rejected
3327	Spatially-Explicit Blue Carbon Budgets for a Resilient Blue Economy: A Prototype Product for Species Diverse Blue Carbon Ecosystems of India	Blue Economy	Dr. Debadatta Swain	Indian Institute of Technology Bhubaneswar	Prof. Deepak R Mishra	THE UNIVERSITY OF GEORGIA	United States of America	Rejected
3328	Networked Marine Robotic Systems for Ocean Exploration	Blue Economy	Dr. Sarang Chandrashekar Dhongdi	Birla Institute of Technology & Science	Prof. Antonio Pascoal	UNIVERSITY OF LISBON	Portugal	Accepted

3329	Integrated sensing, communications and localization for 6G and beyond	Next-Gen Communications	Dr. Sandesh Jain	Atal Bihari Vajpayee Indian Institute of Information Technology and Management	Prof. Aryan Kaushik	UNIVERSITY OF SUSSEX	United Kingdom	Rejected
3330	Development of an intelligent spraying systems using field maps for small scale farming applications	Agri & Food Technologies	Dr. Madan Mohan Avulapati	Indian Institute of Technology Tirupati	Dr. Ahmad Al-Mallahi	DALHOUSIE UNIVERSITY	Canada	Rejected
3331	Revolutionizing Chronic Obstructive Pulmonary Disease (COPD) Relief: Unveiling the therapeutic potential of Revefenacin and Tiotropium Bromide-Loaded Nanoformulations against Cigarette Smoke-Induced COPD	Healthcare & MedTech	Prof. HARISH DUREJA	Maharshi Dayanand University	Dr. KAMAL DUA	UNIVERSITY OF TECHNOLOGY SYDNEY (UTS)	Australia	Rejected

3332	Developing student research capabilities on sustainable materials for aerospace and healthcare applications	Energy, Sustainability and Climate Change	Dr. Benedict Thomas	Vellore Institute of Technology	Dr. Kepa Mendibil	UNIVERSITY OF STRATHCLYDE	United Kingdom	Rejected
3333	Healthcare & Society, and Care: Integrating Scientific and Humanistic Approaches to Healthcare	Healthcare & MedTech	Prof. Smita Jha	Indian Institute of Technology Roorkee	Prof. LISA DIEDRICH	STONY BROOK UNIVERSITY	United States of America	Rejected
3334	Hybrid semiconductor manufacturing with femtosecond laser induced plasma and their applications	Semiconductors	Dr. BIJU PR	Mahatma Gandhi University	Prof. Gin Jose	UNIVERSITY OF LEEDS	United Kingdom	Rejected

3335	RECOIL: Resilient Composites for Lightweight structures - a multidisciplinary approach for sustainability and optimal performance	Energy, Sustainability and Climate Change	Dr. Pranibesh Mandal	Jadavpur University	Dr. Abhishek Kundu	CARDIFF UNIVERSITY	United Kingdom	Rejected
3336	Enhancing Seed Longevity: Investigating the Impact of Anoxia and Container Types on Seed Quality during Storage	Agri & Food Technologies	Dr. Axay Kumar Bhuker	Chaudhary Charan Singh Haryana Agricultural University	Dr. Fiona R. Hay	AARHUS UNIVERSITY	Denmark	Rejected
3337	Fracture and failure of sustainable flame-retardant silicone rubber composites used in space and defence: Experiments, Constitutive modelling, and Simulations.	Space and Defence	Prof. Arghya Deb	Indian Institute of Technology Kharagpur	Prof. Konstantin Volokh	TECHNION - ISRAEL INSTITUTE OF TECHNOLOGY	Israel	Rejected
3338	More Theory Less Data: Moving AI closer to Humans	Advanced Computing (Supercomputing, AI, Quantum Computing)	Prof. Santhosh Kumar G	Cochin University of Science and Technology	Dr. Deepak Padmanabhan	Queen's University Belfast	United Kingdom	Rejected

3339	A focused study on improving end-to-end logistics efficiency and cost competitiveness in Indian maritime supply chains: capabilities and barriers	Blue Economy	Dr. Vinay V Panicker	National Institute of Technology Calicut	Prof. Venkatesh V G	EM Normandie Business School	France	Rejected
3341	Point-of-Care Devices in Healthcare Technologies	Healthcare & MedTech	Prof. Sandeep Verma	Indian Institute of Technology Kanpur	Prof. Michael McGuckin	THE UNIVERSITY OF MELBOURNE	Australia	Accepted
3342	IRS-Aided OTFS Framework for Integrated Terrestrial and Non-Terrestrial Networks for Seamless Connectivity	Next-Gen Communications	Dr. Sanjeev Sharma	Indian Institute of Technology (Banaras Hindu University) Varanasi	Prof. Tharmalingam Ratnarajah	UNIVERSITY OF EDINBURGH	United Kingdom	Accepted
3343	Next-Gen Storytelling: Engaging Young Minds in Immersive Experience of Ocean Life and Global Environment.	Next-Gen Communications	Prof. Abhijit Roy	Jadavpur University	Prof. Sanjeev Chatterjee	UNIVERSITY OF MIAMI	United States of America	Rejected

3344	Hydropower sustainability: Pioneering health monitoring for hydraulic turbines in the face of climate change	Energy, Sustainability and Climate Change	Prof. Chandra Shekhar Pant	Indian Institute of Technology Roorkee	Prof. Alexandre Presas	Universitat Politècnica de Catalunya - BarcelonaTech (UPC)	Spain	Accepted
3345	Artificial Intelligence-Assisted Glycopolymer-Based Mucoadhesive Nanogel for Targeting Cervical Tumor Microenvironment	Advanced Computing (Supercomputing, AI, Quantum Computing)	Prof. Mahitosh Mandal	Indian Institute of Technology Kharagpur	Prof. Sherif El-Khamisy	University of Bradford	United Kingdom	Accepted
3346	DEVELOPMENT AND VALIDATION OF A POINT-OF-CARE (POC) ARTIFICIAL INTELLIGENCE-BASED DEVICE FOR COMMUNITY BASED SCREENING AND DIAGNOSIS OF CERVICAL CANCER	Healthcare & MedTech	Dr. R. Annie Uthra	SRM Institute of Science and Technology	Dr. Juan Du	SHANGHAI UNIVERSITY	China	Rejected

3347	Advancing Additive Manufacturing: Integrating Artificial Intelligence and Computational Modelling for Enhanced Geometric Precision and Defect Detection	Manufacturing & Industry 4.0	Dr. Manjaiah Mallaiah	National Institute of Technology Warangal	Prof. Raj Das	RMIT UNIVERSITY	Australia	Rejected
3348	Passive Thermal Management using Phase Change Materials for Li-Ion Batteries for Electric Vehicles	Energy, Sustainability and Climate Change	Dr. Leela Manohar Aeshala	National Institute of Technology Warangal	Prof. Arunachala Nadar Mada Kannan	ARIZONA STATE UNIVERSITY	United States of America	Rejected
3349	Bharat Moves: An AI-based mobility toolkit for Resilient and Sustainable Transport Infrastructure	Smart Cities & Mobility	Dr. Ranju Mohan	Indian Institute of Technology Jodhpur	Prof. Satish V. Ukkusuri	PURDUE UNIVERSITY	United States of America	Rejected
3350	Cultivating Tomorrow's Experts with research capacity development in the area of Sustainability	Energy, Sustainability and Climate Change	Dr. Nilanjan Das Chakladar	Indian Institute of Technology Kharagpur	Dr. Krzysztof Kubiak	UNIVERSITY OF LEEDS	United Kingdom	Rejected

3351	Tapping into Bioenergy Riches of Organic Waste Streams Via Anaerobic Digestion	Energy, Sustainability and Climate Change	Dr. Mohammad Zain Khan	Aligarh Muslim University	Prof. Frederic Coulon	Cranfield University	United Kingdom	Rejected
3352	MegaTrans: Improving Safety, Sustainability and Usability of Cyber-Physical Transportation Systems in Mega Cities	Smart Cities & Mobility	Dr. Soumyajit Dey	Indian Institute of Technology Kharagpur	Prof. Samarjit Chakraborty	UNIVERSITY OF NORTH CAROLINA, CHAPEL HILL	United States of America	Rejected
3354	Designing an efficient nanofibrous functionalized gel polymer electrolyte with self-healing property for Zn-air battery	Energy, Sustainability and Climate Change	Prof. Narayan Chandra Das	Indian Institute of Technology Kharagpur	Prof. Richard T. Olsson	KTH, ROYAL INSTITUTE OF TECHNOLOGY	Sweden	Rejected
3355	Engineering and Nutritional Optimization of Cage Aquaculture in Abandoned Coal Mine Voids for the Development of a Sustainable Blue Economy	Blue Economy	Dr. Jayraj P.	Indian Institute of Technology Kharagpur	Dr. Vikas Kumar	University of Idaho, USA	United States of America	Rejected

3356	Nanomagnetic Logic-based Tsetlin Machine Architecture Design	Advanced Computing (Supercomputing, AI, Quantum Computing)	Dr. Amit Acharyya	Indian Institute of Technology Hyderabad	Dr. Rishad Shafik	NEWCASTLE UNIVERSITY	United Kingdom	Rejected
3357	Wireless earbuds for postlaryngectomy silent speech interface	Advanced Computing (Supercomputing, AI, Quantum Computing)	Dr. Sunita Mehta	Chitkara University	Prof. Luigi G Occhipinti	UNIVERSITY OF CAMBRIDGE	United Kingdom	Accepted
3358	Magnetic carbonaceous materials from agricultural residues for energy and environmental applications	Energy, Sustainability and Climate Change	Dr. Banasri Roy	Birla Institute of Technology & Science	Prof. Dusan Losic	THE UNIVERSITY OF ADELAIDE	Australia	Rejected
3359	Nano immunosensors for serotype-specific dengue diagnosis using AI-designed plant-made antigens and antibodies	Advanced Computing (Supercomputing, AI, Quantum Computing)	Prof. SATHISHKUMAR RAMALINGAM	Bharathiar University	Prof. Julian K-C. Ma	St George's, University of London	United Kingdom	Rejected
3360	Sustainable Food Production for Food Security and a Healthy Planet	Energy, Sustainability and Climate Change	Dr. Simran Kaur Arora	G. B. Pant Universtiy of Agriculture and Technology	Dr. Surinder Singh Chauhan	THE UNIVERSITY OF MELBOURNE	Australia	Rejected

3362	Pharmacological Modulation of Immune Pathways in Brain-Lung Axis Using Nano-formulations Containing Berberine Derivatives	Healthcare & MedTech	Dr. Thakur Gurjeet Singh	Chitkara University	Dr. Kamal Dua	UNIVERSITY OF TECHNOLOGY SYDNEY (UTS)	Australia	Rejected
3364	Optimizing the Performance of a Novel NDI-based Donor-Acceptor Copolymer as an Ambipolar Organic Mixed Ionic-Electronic Conductor for Electrochemical Devices	Advanced Materials, Rare-earth & Critical Minerals	Dr. Sarbani Ghosh	Birla Institute of Technology & Science	Prof. Igor Zozoulenko	LINKÅ-PING UNIVERSITY	Sweden	Rejected
3365	Ethical Natural Language Processing - Theory and Implementation	Advanced Computing (Supercomputing, AI, Quantum Computing)	Prof. Konjengbam Anand	Indian Institute of Technology Dharwad	Prof. Rafal Rzepka	HOKKAIDO UNIVERSITY	Japan	Rejected
3366	Single Crystal Semiconductor Heterojunctions for Plasmon-Activated Water Splitting	Semiconductors	Prof. Subrahmanyam Ch	Indian Institute of Technology Hyderabad	Prof. Vasudevan Pillai Biju	HOKKAIDO UNIVERSITY	Japan	Rejected

3367	RISES-Remote community-driven Innovations for Sustainable Energy Systems	Energy, Sustainability and Climate Change	Dr. Anup Shukla	Indian Institute of Technology Jammu	Dr. Anamika Dubey	WASHINGTON STATE UNIVERSITY	United States of America	Rejected
3368	Occurrence of contaminants of emerging concern in an urban watershed and their mode of transport: novel treatment technology for its removal	Energy, Sustainability and Climate Change	Prof. Balakrishna Keshava	Manipal Academy of Higher Education	Dr. Lloyd HC Chua	DEAKIN UNIVERSITY	Australia	Rejected
3369	AI-driven Biomedical Innovation and Technopreneurship	Healthcare & MedTech	Prof. Uttama Lahiri	Indian Institute of Technology Gandhinagar	Dr. Anirban Dutta	UNIVERSITY OF BIRMINGHAM	United Kingdom	Rejected
3370	An AI-Dased Digital Twinning Approach to Compact Heat Exchangers (CHE)	Advanced Computing (Supercomputing, AI, Quantum Computing)	Dr. Aneesh A. M.	Birla Institute of Technology & Science	Prof. Perumal Nithiarasu	SWANSEA UNIVERSITY	United Kingdom	Rejected
3371	Autonomous Shipping: Automatic collision avoidance/berthing with Intelligent Systems and IoT	Blue Economy	Prof. Vishwanath Nagarajan	Indian Institute of Technology Kharagpur	Prof. Hirotada Hashimoto	Osaka Metropolitan University	Japan	Rejected

3372	Computer vision driven structural health assessment for critical and heritage structures aided by digital twin in synthetic environment	Disaster Management & Resilient Infrastructure	Dr. T Jothi Saravanan	Indian Institute of Technology Bhubaneswar	Prof. Vedhus Hoskere	The University of Houston	United States of America	Rejected
3373	Integrated Optical and Radio Frequency Sensing and Communication for Sustainable Development	Next-Gen Communications	Prof. Vimal Bhatia	Indian Institute of Technology Indore	Prof. Nigel Copner	ABERYSTWYTH UNIVERSITY	United Kingdom	Accepted
3374	Climate Change Impact on Mangrove Ecosystem and Community Driven Conservation	Energy, Sustainability and Climate Change	Prof. Rajib Maity	Indian Institute of Technology Kharagpur	Dr. Mili Shrivastava	Bournemouth University	United Kingdom	Rejected
3375	Navigating Inclusive Healthcare Access and Mobility for Older Adults in South Indian Smart Cities	Smart Cities & Mobility	Dr. Mohammed Firoz C	National Institute of Technology Calicut	Dr. Dea van Lierop	UTRECHT UNIVERSITY	Netherlands	Rejected

3378	Next-Generation Industrial Communication: A Comprehensive Framework for Integrating 6G Systems with Industrial IOT	Next-Gen Communications	Dr. Swaminathan Ramabadran	Indian Institute of Technology Indore	Dr. Madhukumar A S	NANYANG TECHNOLOGICAL UNIVERSITY (NTU)	Singapore	Rejected
3379	Data driven learning and control of autonomous and intelligent systems	Advanced Computing (Supercomputing, AI, Quantum Computing)	Prof. Sridharakumar Narasimhan	Indian Institute of Technology Madras	Prof. Purushothama Menon Prathyush	UNIVERSITY OF EXETER	United Kingdom	Rejected
3380	On-board Chargers with V2X Capabilities for Enhanced Grid Resilience	Smart Cities & Mobility	Prof. Narasimharaju B L	National Institute of Technology Warangal	Prof. Volker Pickert	NEWCASTLE UNIVERSITY	United Kingdom	Rejected
3381	Optimization of process parameters for Additively Manufactured Tungsten alloys for High-Temperature Aerospace Applications	Manufacturing & Industry 4.0	Dr. Viswanath r Chinthapenta	Indian Institute of Technology Hyderabad	Prof. Wei Xu	DEAKIN UNIVERSITY	Australia	Rejected

3382	Smart Drive, Smarter Detection: Adapting to the Unexpected in Connected Vehicles	Advanced Computing (Supercomputing, AI, Quantum Computing)	Prof. Neetesh Kumar	Indian Institute of Technology Roorkee	Dr. Devki Nandan Jha	NEWCASTLE UNIVERSITY	United Kingdom	Rejected
3383	Microfluidic on-sensor quantification of laccase activity for biomedical and environmental sensing applications	Healthcare & MedTech	Dr. Vinoth Kumar Vaidyanathan	SRM Institute of Science and Technology	Dr. Dan V Nicolau	MCGILL UNIVERSITY	Canada	Rejected
3384	Neuromorphic Vision Systems for Edge Computing	Advanced Computing (Supercomputing, AI, Quantum Computing)	Dr. chetan singh thakur	Indian Institute of Science	Dr. Piotr Dudek	THE UNIVERSITY OF MANCHESTER	United Kingdom	Rejected
3385	AI-based framework for Personalized Smart Healthcare using Edge-Cloud Platform	Healthcare & MedTech	Dr. Shreya Ghosh	Indian Institute of Technology Bhubaneswar	Prof. Rajkumar Buyya	THE UNIVERSITY OF MELBOURNE	Australia	Accepted
3386	Catalytic Pyrolysis of Plastic Wastes Using Green Catalysts	Energy, Sustainability and Climate Change	Dr. lyman Abrar	Birla Institute of Technology & Science	Prof. Kalpit Shah	RMIT UNIVERSITY	Australia	Rejected

3387	Effect of Flooding on Pavement Infrastructure and Formulating Engineering Solutions for Pavement Resilience	Energy, Sustainability and Climate Change	Dr. Shankar S	National Institute of Technology Warangal	Prof. Shane Underwood	NORTH CAROLINA STATE UNIVERSITY	United States of America	Rejected
3390	AI Applications in Point-Of-Care Ultrasound	Healthcare & MedTech	Dr. Narayanan C Krishnan	Indian Institute of Technology Palakkad	Dr. Abhilash R Hareendranathan	UNIVERSITY OF ALBERTA	Canada	Rejected
3392	A framework for studying the impact of climate change on crop health and phenology using IoT based sensors and UAV based image processing	Agri & Food Technologies	Dr. Ponnalagu R N	Birla Institute of Technology & Science	Prof. Dilantha Fernando	University of Manitoba	Canada	Rejected
3393	Speech and Audio Processing for Digital Health	Healthcare & MedTech	Prof. S. R. Mahadeva Prasanna	Indian Institute of Technology Dharwad	Prof. Sridhar Krishnan	Toronto Metropolitan University	Canada	Rejected
3394	Distributed Quantum Computing	Advanced Computing (Supercomputing, AI, Quantum Computing)	Prof. Shyamapada Mukherjee	National Institute of Technology Rourkela	Prof. Arunabha Sen	ARIZONA STATE UNIVERSITY	United States of America	Accepted

3395	Surakshit-Jal/ Safe-Water: A Decision Support Tool Facilitating Chlorination in Water Distribution Systems	Energy, Sustainability and Climate Change	Dr. G R Abhijith	Indian Institute of Technology Kanpur	Prof. Avi Ostfeld	TECHNION - ISRAEL INSTITUTE OF TECHNOLOGY	Israel	Accepted
3396	Development of a novel layer scheme for thermal barrier coatings to reduce spallation	Advanced Materials, Rare-earth & Critical Minerals	Prof. KRV Subramanian	M.S.Ramaiah Institute of Technology	Dr. Nikhil Admal	UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN	United States of America	Rejected
3397	Developing fabrication methodology for a crack-free Ni-superalloy with high volume fraction of the strengthening precipitates by liquid powder bed fusion process	Advanced Materials, Rare-earth & Critical Minerals	Prof. Ayan Bhowmik	Indian Institute of Technology Delhi	Prof. Mingxing Zhang	THE UNIVERSITY OF QUEENSLAND (UQ)	Australia	Rejected
3398	Techniques to mitigate non-linearity in GaN-based power amplifiers for 6G	Next-Gen Communications	Dr. Nagaditya Poluri	Indian Institute of Technology Kanpur	Prof. Maria Merlyne DeSouza	THE UNIVERSITY OF SHEFFIELD	United Kingdom	Rejected

3399	Developing Evidence-based policy interventions for Climate Action in Tamil Nadu and Hertfordshire (DEPCATH)	Energy, Sustainability and Climate Change	Dr. Saravanan Rajagopal	Anna University	Dr. Chamundeeswari Kuppuswamy	University of Hertfordshire	United Kingdom	Rejected
3401	Build-your-own open-source light sheet microscope for high-resolution imaging of large intact pathological samples	Healthcare & MedTech	Prof. Ravikrishnan Elangovan	Indian Institute of Technology Delhi	Prof. Raju Tomer	COLUMBIA UNIVERSITY	United States of America	Rejected
3402	Responsible AI driven Digital Twin to promote wellbeing of person with Dementia	Advanced Computing (Supercomputing, AI, Quantum Computing)	Dr. Chitrakala S	Anna University	Dr. Imtiaz Ali Khan	Cardiff Metropolitan University	United Kingdom	Rejected
3403	AI-Enabled Smart Grids: Internet of Things Based Smart Grids Supported by Edge Computing	Advanced Computing (Supercomputing, AI, Quantum Computing)	Dr. Shivani Malhotra	Chitkara University	Dr. Imali Dias	DEAKIN UNIVERSITY	Australia	Rejected
3404	Secure and Sustainable Smart Cities Using Blockchain	Smart Cities & Mobility	Prof. Madhusudhan R	National Institute of Technology Surathkal	Prof. BRIG BHUSHAN GUPTA	Asia University	Taiwan	Rejected

3405	Clean Energy Research and Innovation through Student Exchange - UK and India (ENERGISE)	Energy, Sustainability and Climate Change	Dr. Ravi Kumar Kandasamy	Indian Institute of Technology Delhi	Dr. Hasan Baig	University of East London	United Kingdom	Accepted
3406	Integrating Machine Learning with an Automated Platform for Large-Scale Segregation of Mature Somatic Embryos	Agri & Food Technologies	Dr. Punnag Chatterjee	Indian Institute of Technology Dharwad	Prof. Cyrus K Aidun	GEORGIA INSTITUTE OF TECHNOLOGY (GEORGIA TECH)	United States of America	Rejected
3407	Design and Simulations of Mechano-adaptive Smart Polymers	Advanced Materials, Rare-earth & Critical Minerals	Dr. Soumyadip Choudhury	Indian Institute of Technology Kharagpur	Prof. Jeffrey P. Youngblood	PURDUE UNIVERSITY	United States of America	Rejected
3408	Developing scalable online brain state-dependant neuromodulation intervention for stroke	Healthcare & MedTech	Dr. sasikala mohan	Anna University	Dr. Annapoorna Kuppuswamy	UNIVERSITY OF LEEDS	United Kingdom	Rejected

3409	Experimental investigations on motor eccentricity and vibration monitoring systems and control strategies towards advanced condition monitoring of modern special electric machines and their drives	Smart Cities & Mobility	Prof. Mainak Sengupta	Indian Institute of Engineering Science and Technology, Shibpur	Prof. Steven B Leeb	MASSACHUSETTS INSTITUTE OF TECHNOLOGY (MIT)	United States of America	Rejected
3411	Vascular Ageing Assessment for Early Detection, Effective Reversal & Management of CVDs: Proposal for Engineering R&D and Clinical Research	Healthcare & MedTech	Dr. Jayaraj Joseph	Indian Institute of Technology Madras	Prof. Dick Thijssen	RADBOD UNIVERSITY NIJMEGEN	Netherlands	Rejected
3412	MOF-Polymer Hybrid Materials with Dynamic Covalent Networks	Advanced Materials, Rare-earth & Critical Minerals	Prof. Nikhil K Singha	Indian Institute of Technology Kharagpur	Prof. Seth M Cohen	UNIVERSITY OF CALIFORNIA, SAN DIEGO (UCSD)	United States of America	Rejected

3413	INSPIRE 6G: Integration System for Intelligent Optical Wireless Edge Technologies in 6G	Next-Gen Communications	Prof. Koteswararao Kondepu	Indian Institute of Technology Dharwad	Prof. Andrea Marotta	University of L'Aquila	Italy	Rejected
3414	Next Generation Wind Turbine Blade Repair Method using UV Curing considering real-life environmental degradation and lifetime evaluation	Energy, Sustainability and Climate Change	Prof. Puneet Mahajan	Indian Institute of Technology Delhi	Prof. Lars P Mikkelsen	TECHNICAL UNIVERSITY OF DENMARK	Denmark	Rejected
3415	DigIT (DigIT - Digital Twin Modelling of Integrated Transportation Platform)	Next-Gen Communications	Dr. Deepak Gangadharan	International Institute of Information Technology Hyderabad	Dr. Purav Shah	Middlesex University	United Kingdom	Accepted
3416	Development of Tissue-mimetic Bioinks for 3D Bioprinting of Lung Cancer Organoids for Drug Screening Applications	Healthcare & MedTech	Dr. Swaminathan S	Shanmugha Arts Science Technology & Research Academy	Prof. Shilpa Sant	UNIVERSITY OF ILLINOIS, CHICAGO (UIC)	United States of America	Rejected

3417	Enhancing Sustainability and Value Co-Creation in Smart Transportation System: An In-Depth Assessment	Smart Cities & Mobility	Dr. Dhanya Pramod	Symbiosis International	Dr. Michele Rosano	CURTIN UNIVERSITY	Australia	Rejected
3418	Multiple Access Techniques for improved Rural & Remote connectivity in Aerospace Integrated Networks	Next-Gen Communications	Prof. Vivek Ashok Bohara	Indraprastha Institute of Information Technology Delhi	Dr. Zilong Liu	UNIVERSITY OF ESSEX	United Kingdom	Accepted
3419	Strengthening surveillance systems for antimicrobial prescriptions and resistance in India: Systems thinking based approaches	Healthcare & MedTech	Prof. Shyamapada Mukherjee	National Institute of Technology Rourkela	Prof. Sundeep Sahay	UNIVERSITY OF OSLO	Norway	Rejected
3420	Digital twin in education: Development of smart campus	Smart Cities & Mobility	Prof. RAJASEKARAN THANGARAJU	SRM Institute of Science and Technology	Dr. Raju Dandu	UNIVERSITY OF KANSAS	United States of America	Rejected

3421	Women Engineers Empowerment on Development of Sustainable Fuelcell Components using Disruptive Technologies for Futuristic Green Mobility	Energy, Sustainability and Climate Change	Dr. RAJA K	Vellore Institute of Technology	Dr. Juan Li	KING'S COLLEGE LONDON (KCL)	United Kingdom	Rejected
3422	Multimodal Artificial Intelligence Framework for Screening of Diabetic Retinopathy in Geriatric Group	Healthcare & MedTech	Dr. Ketan Virendrabhai Kotecha	Symbiosis International	Prof. Sandeep Kumar Gupta	ARIZONA STATE UNIVERSITY	United States of America	Rejected
3423	Enhancement of Electric Vehicle Charging Infrastructure via Developing A Unified Converter That Seamlessly Integrates Both Wired and Wireless Charging Technology	Energy, Sustainability and Climate Change	Dr. Dharavath Kishan	National Institute of Technology Surathkal	Dr. Ayan Mallik	ARIZONA STATE UNIVERSITY	United States of America	Rejected

3424	Talkative-Power-Conversion-based Networking by means of Next-generation Communication and new GaN-based multilevel power converters	Next-Gen Communications	Dr. Kirubakaran A	National Institute of Technology Warangal	Prof. Marco Liserre	CHRISTIAN-ALBRECHTS-UNIVERSITÄT ZU KIEL	Germany	Accepted
3425	Quantum Computation for strongly correlated systems: developing and benchmarking novel quantum simulation algorithms	Advanced Computing (Supercomputing, AI, Quantum Computing)	Dr. Indrakshi Raychowdhury	Birla Institute of Technology & Science	Prof. Shailesh Chandrasekharan	DUKE UNIVERSITY	United States of America	Rejected
3426	Artificial Intelligence for additive manufacturing of better and affordable knee implant materials	Advanced Computing (Supercomputing, AI, Quantum Computing)	Prof. Neelesh Kumar Jain	Indian Institute of Technology Indore	Prof. Sonya Coleman	Ulster University	United Kingdom	Rejected

3427	Dual functionalized ionic liquids assisted CO2 photocatalytic reduction to C1-C2 alcohols using transition metal catalysts	Energy, Sustainability and Climate Change	Prof. Sreedevi Upadhyayula	Indian Institute of Technology Delhi	Prof. Manish Shetty	TEXAS A&M UNIVERSITY	United States of America	Accepted
3428	Studies on dynamic properties of additive manufactured Ti-based alloy for aerospace applications	Space and Defence	Dr. Arockia Kumar R	National Institute of Technology Warangal	Prof. Prashanth Konda Gokuldoss	Tallinn University of Technology, Tallinn, Estonia	Austria	Rejected
3429	Near net shape re-manufacturing of Grain oriented electrical steels	Manufacturing & Industry 4.0	Prof. Jaiprakash Gautam	University of Hyderabad	Prof. Leo Kestens	UNIVERSITY OF GHENT	Belgium	Rejected
3431	Design and development of a scalable and energy-efficient beyond AI enabled 5G sensor networks for precision agriculture	Next-Gen Communications	Prof. Rajesh Khanna	Thapar Institute of Engineering and Technology	Dr. Vivek Singh	University of Plymouth	United Kingdom	Rejected

3433	Unveiling Comorbidity Relationships through Disease Network Analysis	Healthcare & MedTech	Prof. Mahua Bhattacharya	Atal Bihari Vajpayee Indian Institute of Information Technology and Management	Prof. Ratnesh Kumar	Iowa state university	United States of America	Rejected
3434	Towards Sustainable Societies: Unveiling the Circular Economy Framework in Society 5.0	Energy, Sustainability and Climate Change	Dr. Praveen Kumar Reddy M	Vellore Institute of Technology	Dr. Chamitha De Alwis	University of Bedfordshire	United Kingdom	Rejected
3435	Towards Net-Zero Manufacturing: An Intercontinental Analysis of Industry 4.0 Implementation	Manufacturing & Industry 4.0	Dr. Rajeev Agrawal	Malaviya National Institute of Technology	Dr. Nagesh Shukla	GRIFFITH UNIVERSITY	Australia	Rejected
3436	The development of nanocomposite carbon electrode materials for capacitive deionization of water	Energy, Sustainability and Climate Change	Dr. Sanu Mathew Simon	Mar Athanasius College	Prof. Nikolai Uvarov	NOVOSIBIRSK STATE UNIVERSITY	Russia	Rejected

3437	Modelling climate change induced disasters in global city regions - A comparative study	Disaster Management & Resilient Infrastructure	Prof. Arindam Biswas	Indian Institute of Technology Roorkee	Prof. Sandeep Agrawal	UNIVERSITY OF ALBERTA	Canada	Rejected
3439	Optimization of Building Envelopes and Shading Devices for Net Zero Energy Buildings	Energy, Sustainability and Climate Change	Prof. Shanthi Priya Radhakrishnan	SRM Institute of Science and Technology	Prof. Priyadarsini Rajagopalan	RMIT UNIVERSITY	Australia	Rejected
3440	Artificial Intelligence in the Service of Environmental Restoration: Transforming Open Dump Plastic into Building Blocks	Energy, Sustainability and Climate Change	Dr. Paromita Chakraborty	SRM Institute of Science and Technology	Dr. Gang Li	DEAKIN UNIVERSITY	Australia	Rejected
3441	Exploring the capabilities of Carbon Microelectromechanical Systems devices for affordable healthcare	Healthcare & MedTech	Dr. Bidhan Pramanick	Indian Institute of Technology Goa	Prof. Lawrence Kulinsky	UNIVERSITY OF CALIFORNIA, IRVINE (UCI)	United States of America	Rejected

3443	Design and Development of Reconfigurable Intelligent Surfaces (RIS) using Liquid metal for 5G and Beyond	Next-Gen Communications	Dr. Karthikeyan S S	National Institute of Technology Tiruchirappalli	Prof. SUNGJOON LIM	CHUNG-ANG UNIVERSITY	South Korea	Rejected
3444	A New Class of Blood-Brain-Barrier Crossing Fluorescence-based Nanotheranostics for Neurodegenerative Diseases	Healthcare & MedTech	Dr. Raghu Chitta	National Institute of Technology Warangal	Dr. Suresh Gadde	UNIVERSITY OF OTTAWA	Canada	Accepted
3446	Smart Learning given Small & Noisy, Inhomogeneously-Correlated Data, and an Oncological Application	Advanced Computing (Supercomputing, AI, Quantum Computing)	Prof. Chiranjib Bhattacharyya	Indian Institute of Science	Prof. Dalia Chakrabarty	BRUNEL UNIVERSITY	United Kingdom	Rejected
3448	Experimental Implementation of Energy-Aware Reconfigurable Intelligent Surfaces (RIS) for Next-Gen Communication Systems	Next-Gen Communications	Dr. Deepti Das Krishna	Cochin University of Science and Technology	Dr. Jayakrishnan Methapettyparambu Purushothama	HERIOT-WATT UNIVERSITY	United Kingdom	Rejected

3449	Experimental and analytical investigations on Power Electronic Converter and associated Magnetics for efficient energy handling using wide band-gap and traditional semiconductor devices over wide voltage and frequency ranges	Energy, Sustainability and Climate Change	Prof. Mainak Sengupta	Indian Institute of Engineering Science and Technology, Shibpur	Prof. Marco Liserre	CHRISTIAN-ALBRECHTS-UNIVERSITÄT ZU KIEL	Germany	Rejected
3450	Drop-Tower Experiments on Turbulence and Particle Motions: Bridging Computational and Experimental Insights in Microgravity	Space and Defence	Prof. Vinod Narayanan	Indian Institute of Technology Gandhinagar	Prof. Leonardo Chamorro	UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN	United States of America	Rejected

3451	Two Dimensional Graphitic Carbon Nitride Hybrids based Solid State Flexible Supercapacitors: Synthesis, Simulation, Characterization and Fabrication of High Energy and Power Density Devices	Energy, Sustainability and Climate Change	Prof. Anurag Srivastava	Atal Bihari Vajpayee Indian Institute of Information Technology and Management	Prof. Ravindra Pandey	Michigan Technological University	United States of America	Accepted
3452	Development of hybrid semiconductors for optoelectronic applications	Semiconductors	Dr. Rajamalli P	Indian Institute of Science	Dr. Mojtaba Abdi Jalebi	UCL (UNIVERSITY COLLEGE LONDON)	United Kingdom	Rejected
3453	Spatial Interdigitation of Plasmonic Nanostructures for Next Chip-Scale Technology	Next-Gen Communications	Dr. Sujit Kumar Ghosh	Jadavpur University	Dr. Sajal Biring	Ming Chi University of Technology	Taiwan	Rejected
3454	Automated Synthesis and Verification Techniques for Secure SoC Design	Semiconductors	Dr. Sreehari Rao Patri	National Institute of Technology Warangal	Prof. Srinivas Katkoori	University of South Florida	United States of America	Rejected

3455	Development of Self-energized Solar Trackers for Photovoltaic Applications	Energy, Sustainability and Climate Change	Dr. Palani IA	Indian Institute of Technology Indore	Prof. GovindSamy TamizhMani	ARIZONA STATE UNIVERSITY	United States of America	Rejected
3458	Empowering Safety :Cyber Forensics for Women and Child Protection	Advanced Computing (Supercomputing, AI, Quantum Computing)	Dr. Gitanjali J	Vellore Institute of Technology	Dr. Celestine Iwendi	University of Bolton	United Kingdom	Rejected
3459	Design of a Monolithic Cyber-secure platform for DC Microgrids	Energy, Sustainability and Climate Change	Dr. Jeyasenthil R	National Institute of Technology Warangal	Dr. Subham Sahoo	AALBORG UNIVERSITY	Denmark	Rejected
3460	Promoting Eco-friendly Driving Styles to Mitigate Carbon Emission through Learning from a Rich Driving Dataset	Advanced Computing (Supercomputing, AI, Quantum Computing)	Dr. Kavitha Venkatachalam	SRM Institute of Science and Technology	Dr. Debajyoti Mondal	UNIVERSITY OF SASKATCHEWAN	Canada	Rejected
3462	A framework for promoting sustainable transportation system based on low carbon transportation to mitigate climate change	Energy, Sustainability and Climate Change	Prof. Prasad CSRK	National Institute of Technology Warangal	Prof. P.S. Sriraj	UNIVERSITY OF ILLINOIS, CHICAGO (UIC)	United States of America	Rejected

3463	Investigation and Implementation of an Effective Model Predictive Controlled Three-Phase Permanent Magnet Synchronous Motor Drive for Transportation systems	Smart Cities & Mobility	Dr. Vinay Kumar Thippiripati	National Institute of Technology Warangal	Dr. Rukmi Dutta	THE UNIVERSITY OF NEW SOUTH WALES (UNSW)	Australia	Rejected
3464	LIFE - Leveraging Integrated systems for Future Energy: Triboelectric Nanogenerators-powered Electrocatalytic Hydrogen Production and Health Monitoring	Energy, Sustainability and Climate Change	Prof. Honey John	Cochin University of Science and Technology	Prof. Mats Andersson	FLINDERS UNIVERSITY	Australia	Accepted
3465	Fetus and Mothers Health Monitoring System using Wearable Device and Explainable AI	Healthcare & MedTech	Dr. Veeramakali T	SRM Institute of Science and Technology	Dr. Sam Goundar	RMIT UNIVERSITY	Australia	Rejected

3466	Assessment of Eco-Toxicological Consequences of Varuna River on Soil and Plants' Health and Treatment of The River Water for Irrigation	Energy, Sustainability and Climate Change	Dr. Rajeev Pratap Singh	Banaras Hindu University	Dr. Diganta Bhusan Das	LOUGHBORO UGH UNIVERSITY	United Kingdom	Rejected
3467	Solar based intelligent wheelchair cum e-Tricycle with Health Analytics	Healthcare & MedTech	Dr. Rajneesh Talwar	Chitkara University	Prof. Cher Ming Tan	CHANG GUNG UNIVERSITY	Taiwan	Rejected
3470	Real time fault diagnosis and control of non-linear systems using machine learning and DSP based hardware controller.	Advanced Computing (Supercomputing, AI, Quantum Computing)	Dr. Kanagalakshmi S	National Institute of Technology Calicut	Dr. RUWAN TENNAKOON	RMIT UNIVERSITY	Australia	Rejected
3474	Machine Learning based Battery State Estimation in Electric Vehicles	Advanced Computing (Supercomputing, AI, Quantum Computing)	Dr. Indragandhi V	Vellore Institute of Technology	Dr. Vasile Palade	Coventry University	United Kingdom	Rejected

3475	Microencapsulated controlled release paraprobiotics and probiotics to prevent malnutrition	Agri & Food Technologies	Dr. S. Periyar Selvam	SRM Institute of Science and Technology	Dr. Kingsly Ambrose	PURDUE UNIVERSITY	United States of America	Rejected
3476	BotGuard: A trustworthy AI and Zero Trust Architecture for botnet detection and mitigation in smart city applications	Smart Cities & Mobility	Dr. KRISHNAVENI SIVAMOHAN	SRM Institute of Science and Technology	Dr. Sherali Zeadally	University of Kentucky	United States of America	Rejected
3477	Towards Sustainable Energy Solutions: Advancing Perovskite Solar Cell Technology through International Collaboration	Energy, Sustainability and Climate Change	Dr. Rahul Pandey	Chitkara University	Dr. Gurpreet Singh Selopal	DALHOUSIE UNIVERSITY	Canada	Rejected
3478	Resilient Infrastructure Investment: An Economic Framework for Urban Transport Networks	Disaster Management & Resilient Infrastructure	Prof. Prasad CSRK	National Institute of Technology Warangal	Prof. Vinayak V Dixit	THE UNIVERSITY OF NEW SOUTH WALES (UNSW)	Australia	Rejected

3479	SITA: Systolic Inference Tsetlin machine Architecture	Semiconductors	Dr. Srinivas Boppu	Indian Institute of Technology Bhubaneswar	Dr. Rishad Shafik	NEWCASTLE UNIVERSITY	United Kingdom	Rejected
3482	Design of Embedded multi-sensor driven SoC to enhance Security, low Latency, Intelligence, coverage & massive connectivity, Energy Efficiency and Reliability to achieve high data rate transmission for Cellular Networks with Advanced AI techniques for Healthcare and Biomedical applications	Advanced Computing (Supercomputing, AI, Quantum Computing)	Dr. Seetharaman Gopalakrishnan	Indian Institute of Information Technology Tiruchirappalli	Prof. Tughrul Arslan	UNIVERSITY OF EDINBURGH	United Kingdom	Rejected

3484	<p>Illuminating Alzheimer's Biomarkers with GLAD-Sculptured Silver Nanorods and DNA Origami Nanotriangles, Enhanced by Gold Nanostars for Ultrasensitive Multiplex SERS Detection</p>	Healthcare & MedTech	Prof. Jitendra Pratap Singh	Indian Institute of Technology Delhi	Prof. Ilko Bald	University of Potsdam	Germany	Rejected
3485	<p>RADIATION SENSITIZERS AND PROTECTORS FOR IMPROVED CANCER THERAPY USING AI-INFORMED DELIVERY</p>	Healthcare & MedTech	Prof. Prabu Sankar Ganesan	Indian Institute of Technology Hyderabad	Dr. Armin Gamper	UNIVERSITY OF ALBERTA	Canada	Rejected
3486	<p>Light weight method for early sepsis detection and management with IoT and Block chain integration</p>	Healthcare & MedTech	Dr. Jeeva Selvaraj	Jain university	Dr. Priyan Malarvizhi Kumar	University of North Texas	United States of America	Rejected

3487	Design and Development of a Digital twin-based Adaptive Control for Enhancing the Maintenance-Free Operating Period (MFOP) of Wind Turbines	Energy, Sustainability and Climate Change	Prof. RADHIKA SUDHA	Birla Institute of Technology & Science	Prof. Takehito Azuma	Utsunomiya University	Japan	Rejected
3489	Cathode recycling of Li-ion batteries using Deep Eutectic Solvents (DES)	Energy, Sustainability and Climate Change	Dr. Kuldeep Mishra	Symbiosis International	Prof. Yogendra Kumar Mishra	UNIVERSITY OF SOUTHERN DENMARK	Denmark	Rejected
3491	Impact of River Morphology on Flood Hazard and Risk Modelling	Disaster Management & Resilient Infrastructure	Dr. Manish Pandey	Indian Institute of Technology Kharagpur	Dr. Arata Kioka	KYUSHU UNIVERSITY	Japan	Rejected
3493	Leveraging AI and GWAS for Crop Improvement	Advanced Computing (Supercomputing, AI, Quantum Computing)	Dr. Vinod Goyal	Chaudhary Charan Singh Haryana Agricultural University	Prof. Arthur Korte	JULIUS-MAXIMILIANS-UNIVERSITÄT, WÜRZBURG	Germany	Rejected

3496	Promoting Export Competitiveness of Horticultural Produce through Supply Chain Interventions in North West Himalayan Region of India	Agri & Food Technologies	Prof. Ashutosh Singh	G. B. Pant University of Agriculture and Technology	Prof. Dilupa Jeewanie Nakandala	WESTERN SYDNEY UNIVERSITY	Australia	Rejected
3497	Illuminating the Dark Sector of the Cosmos in the SKA Era	Advanced Computing (Supercomputing, AI, Quantum Computing)	Dr. Suman Majumdar	Indian Institute of Technology Indore	Prof. Matteo Viel	Scuola Internazionale e Superiore di Studi Avanzati (International School for Advanced Studies)	Italy	Accepted
3498	Shaping India's Future: Sustainable Discovery of Critical Minerals (Platinum-Group Elements and co-mineralised Ni, Cu, Co, V, Ti)	Advanced Materials, Rare-earth & Critical Minerals	Prof. Sisir Kanti Mondal	Jadavpur University	Dr. Erick RAMANAIDOU	Commonwealth Scientific and Industrial Research Organisation (CSIRO)	Australia	Rejected
3499	Smart Multimodal Enabled Affective Computing to Promote Wellbeing	Healthcare & MedTech	Dr. Nagarajan Ganapathy	Indian Institute of Technology Hyderabad	Prof. Mehmet R. Yuce	MONASH UNIVERSITY	Australia	Rejected

3500	Development of Guidelines for Design of Optimum Tuned Mass Damper for Indian Seismic Conditions	Disaster Management & Resilient Infrastructure	Dr. Vishisht Bhaiya	Sardar Vallabhbhai National Institute of Technology	Prof. Fabrizio Paolacci	Rome Tre University	Italy	Rejected
3501	NVM (Non-Volatile Memory)-based In-Memory Computing to Accelerate Neuromorphic Design for ECG/EEG Data Analysis	Semiconductors	Prof. Binsu J Kailath	Indian Institute of Information Technology, Design and Manufacturing, Kancheepuram	Prof. Yu Kevin Cao	UNIVERSITY OF MINNESOTA	United States of America	Accepted
3502	Factors Influencing Socioeconomic Patterns in the Blue Economy: Evidence from IOR Nations	Blue Economy	Prof. Dhiresk Kulshrestha	Chitkara University	Dr. Maria Apsari Sugiat	Telkom University, Indonesia	Taiwan	Rejected
3503	Realization of Digital Technologies for Climate Action, Energy and Environmental Sustainability	Energy, Sustainability and Climate Change	Prof. Revathi Venkataraman	SRM Institute of Science and Technology	Prof. Raj Gururajan	University of Southern Queensland	Australia	Rejected

3504	AI-Driven Strategies for Disaster Resilience: Integrating Soft Computing Approaches in Infrastructure Development.	Advanced Computing (Supercomputing, AI, Quantum Computing)	Dr. LAKSHMI VARAPRASAD M	National Institute of Technology Silchar	Prof. Rammohan Mallipeddi	Kyungpook National University,	South Korea	Rejected
3505	Understanding and Optimizing Bimodal $\tilde{A}^{\sim} \hat{A} \S \tilde{A} \hat{A} \epsilon \tilde{A}^{\sim}$ precipitate distributions in IN718Plus processed through Ingot Metallurgy and Additive Manufacturing	Manufacturing & Industry 4.0	Prof. Sankaran S	Indian Institute of Technology Madras	Prof. Carl Boehlert	MICHIGAN STATE UNIVERSITY	United States of America	Rejected
3506	MXenes based 3D microsupercapacitor for powering wearable electronic devices	Energy, Sustainability and Climate Change	Dr. Asha A Sukumaran	Cochin University of Science and Technology	Prof. Vadym Mochalin	Missouri University of Science & Technology	United States of America	Rejected

3510	Enabling National & Regional Transitions to a Circular Carbon Economy: Hydrogen and CCUS Value Chain Integration using AI and Systems Methodologies	Energy, Sustainability and Climate Change	Prof. Rajagopalan Srinivasan	Indian Institute of Technology Madras	Prof. Vinay Prasad	UNIVERSITY OF ALBERTA	Canada	Accepted
3513	Innovative AI-Powered Design and Manufacturing Twin: A Comprehensive Approach to Efficiency and Innovation	Advanced Computing (Supercomputing, AI, Quantum Computing)	Dr. Rani Ponnamma Hari	National Institute of Technology Warangal	Dr. RAJESH RANSING	SWANSEA UNIVERSITY	United Kingdom	Rejected
3514	Sustainable Use of PET bottle through Molecular Recycling: A Circular Economy Approach	Energy, Sustainability and Climate Change	Dr. Velagapudi Vasu	National Institute of Technology Warangal	Prof. Seeram Ramakrishna	NATIONAL UNIVERSITY OF SINGAPORE (NUS)	Singapore	Rejected

3516	Biomanufacturing of Hydrogen (H ₂) using Dark fermentation, Photo fermentation, Microbial electrolysis cell, and Thermophilic N ₂ -fixing cyanobacteria for commercial applications	Energy, Sustainability and Climate Change	Dr. Nitai Basak	Dr. B.R.Ambedkar National Institute of Technology Jalandhar	Prof. RAJESH KUMAR Sani	South Dakota School of Mines and Technology	United States of America	Rejected
3517	AI driven solutions to future smart cities: Planning, Efficiency and Sustainability (AI-PlanES)	Smart Cities & Mobility	Dr. Anupam Yadav	Dr. B.R.Ambedkar National Institute of Technology Jalandhar	Prof. Sung Bae Cho	YONSEI UNIVERSITY	South Korea	Rejected
3518	Characterization of triple junction distributions in nanocrystalline metals for determination of mechanical properties	Advanced Materials, Rare-earth & Critical Minerals	Dr. Somjeet Biswas	Indian Institute of Technology Kharagpur	Prof. David P Field	WASHINGTON STATE UNIVERSITY	United States of America	Accepted

3519	From Classroom to Sustainable Micro Grid: Harnessing AI for Smart Energy Solutions in Student Research	Energy, Sustainability and Climate Change	Dr. Chitra A	Vellore Institute of Technology	Dr. Maher Al-Greer	Teesside University	United Kingdom	Rejected
3520	Resilience Enhancement to Building with V2B: Future of Smart Cities	Smart Cities & Mobility	Dr. Naveen Yalla	Indian Institute of Technology (Banaras Hindu University) Varanasi	Prof. Vijay Kumar Sood	Ontario Tech University	Canada	Rejected
3522	Tech-tilling the fields: Cultivating sustainability through innovation and education	Energy, Sustainability and Climate Change	Dr. Lavanya Rajendran	Anna University	Dr. Srinidhi Vasudevan	University of Greenwich	United Kingdom	Rejected
3524	UAV Assisted and Reconfigurable Intelligent Surface Supported B5G Communication	Next-Gen Communications	Dr. MUTHU CHIDAMBARANAT HAN P	National Institute of Technology Tiruchirappalli	Prof. Dushantha Nalin Kumara Jayakody	TOMSK POLYTECHNIC UNIVERSITY	Russia	Accepted

3526	Development of strategies for enzymatic synthesis of lignin hydrogels and their application as self-powered tribo-electric nanogenerators	Energy, Sustainability and Climate Change	Dr. Lohit Kumar Srinivas Gujjala	National Institute of Technology Rourkela	Prof. Jae Su Yu	KYUNG HEE UNIVERSITY	South Korea	Rejected
3528	Optimal SWIPT Design for Reconfigurable Intelligent Surface aided 6G IoT Networks	Next-Gen Communications	Dr. Sudhakar Modem	Indian Institute of Technology Jammu	Dr. Deepak Mishra	THE UNIVERSITY OF NEW SOUTH WALES (UNSW)	Australia	Rejected
3529	A Framework for Improved Water Flux Estimation in Hydrological Models using Remote Sensing and Machine Learning Techniques	Energy, Sustainability and Climate Change	Dr. Vamsi Krishna Vema	National Institute of Technology Warangal	Prof. Cibiraj	PENNSYLVANIA STATE UNIVERSITY	United States of America	Rejected
3530	Intelligent Control of Hybrid Microgrid with Flexible Dual AC-Dual DC Output Voltage	Energy, Sustainability and Climate Change	Prof. Lalit Chandra Saikia	National Institute of Technology Silchar	Prof. Jahangir Hossain	UNIVERSITY OF TECHNOLOGY SYDNEY (UTS)	Australia	Rejected

3532	Examining the role of financial markets in providing sustainable solutions to mitigate the risk of climate change in the housing sector	Energy, Sustainability and Climate Change	Dr. Neeru Chaudhry	Indian Institute of Technology Delhi	Dr. Cameron Truong	MONASH UNIVERSITY	Australia	Rejected
3535	Achieving sustainable development goals by handling food waste and security leveraging smart farming practices and Industry 5.0 technologies	Agri & Food Technologies	Prof. Arshinder Kaur	Indian Institute of Technology Madras	Prof. Kannan Govindan	THE UNIVERSITY OF ADELAIDE	Australia	Rejected
3536	Quantum-enhanced precision for testing collapse models and noncommutative theories	Advanced Computing (Supercomputing, AI, Quantum Computing)	Dr. Sanjib Dey	Birla Institute of Technology & Science	Prof. Animesh Datta	THE UNIVERSITY OF WARWICK	United Kingdom	Rejected
3537	Development of arsenic free rice by modulation of aquaporin genes	Agri & Food Technologies	Prof. Kundan Kumar	Birla Institute of Technology & Science	Prof. Om Prakash Dhankher	UNIVERSITY OF MASSACHUSETTS, AMHERST	United States of America	Rejected

3538	Optimizing Perishable Product Supply Chains: A Cyber-Physical Systems Approach for Minimizing Losses and Transportation Costs	Manufacturing & Industry 4.0	Dr. Sunil Agrawal	Pandit Dwarka Prasad Mishra Indian Institute of Information Technology, Design and Manufacturing (IITDM), Jabalpur	Dr. Arijit Bhattacharya	UNIVERSITY OF EAST ANGLIA (UEA)	United Kingdom	Rejected
3539	Bio-mechanics of membrane and nano-photothermal agents for applications in controlled drug delivery	Healthcare & MedTech	Prof. Sunita Srivastava	Indian Institute of Technology Bombay	Prof. Wouter H Roos	UNIVERSITY OF GRONINGEN	Netherlands	Rejected
3540	System Reliability of Cold-Formed Steel Structures	Energy, Sustainability and Climate Change	Prof. Mahendrakumar Madhavan	Indian Institute of Technology Hyderabad	Dr. Cao Hung Pham	THE UNIVERSITY OF SYDNEY	Australia	Rejected
3541	Framework to deploy UAV-based monitoring system for civil infrastructure projects using deep learning models	Smart Cities & Mobility	Prof. Sahil Garg	Indian Institute of Technology Delhi	Dr. Vaneet Aggarwal	PURDUE UNIVERSITY	United States of America	Accepted

3542	An effective Cognitive Load Determination system via an advanced Deep Learning Framework for Electroencephalography Signal Processing	Healthcare & MedTech	Dr. Mohammad Farukh Hashmi	National Institute of Technology Warangal	Prof. Manoranjan Paul	Charles Sturt University, Australia	Australia	Rejected
3543	An Innovative Econometric and Digital Twin Framework for Examining the Long-Term Impact of Emerging Mobility Alternatives on Evolving Mobility Patterns in India	Smart Cities & Mobility	Dr. Bhadradri Raghuram Kadali	National Institute of Technology Warangal	Prof. Dr Naveen Eluru	University of Central Florida	United States of America	Rejected
3544	Sustainable Transition of the Indian Energy and Chemicals Sectors to Net-Zero Emissions: Guiding Technology Innovation Developing Roadmaps	Energy, Sustainability and Climate Change	Prof. Sudipta De	Jadavpur University	Prof. Bhavik Bakshi	ARIZONA STATE UNIVERSITY	United States of America	Rejected

3545	Socio-Technical Research Capabilities for Autonomous Electric Vehicles' Critical Safety, Security and Adoption	Energy, Sustainability and Climate Change	Prof. Husain Kanchwala	Indian Institute of Technology Delhi	Prof. Neetesh Saxena	CARDIFF UNIVERSITY	United Kingdom	Accepted
3546	Net-Zero Carbon in Multi-Energy Vectors	Energy, Sustainability and Climate Change	Prof. Rohit Bhakar	Malaviya National Institute of Technology	Dr. Aled Wyn Davies	CARDIFF UNIVERSITY	United Kingdom	Rejected
3547	Nano-imprint Assisted Integration of Metasurfaces with Subwavelength Structured Photonic Devices for On-Chip and 5G Lightwave Communication Systems	Next-Gen Communications	Dr. Thavasi Raja G	National Institute of Technology Tiruchirappalli	Dr. Myung-Ki Kim	KOREA UNIVERSITY	South Korea	Rejected
3549	Mathematical modelling and Simulation of Temperature dependent nanofluid flows through porous boundaries	Energy, Sustainability and Climate Change	Dr. Odelu Ojjela	Defence Institute of Advanced Technology	Prof. Mikhail A. Sheremet	TOMSK STATE UNIVERSITY	Russia	Accepted

3550	Insilico design, synthesis, and pharmacological Evaluation of small molecule inhibitor targeting interaction between Matrix Metalloproteinase and Heat Shock Family Proteins in Glioma progression.	Healthcare & MedTech	Dr. Pralay Mitra	Indian Institute of Technology Kharagpur	Prof. Paul B. Fisher	Virginia Commonwealth University (VCU)	United States of America	Rejected
3551	Study on Energy Dissipation and Aeration of Overtopping discharge over Dike Slopes with vegetation including soil parameter	Disaster Management & Resilient Infrastructure	Dr. Manjula R	National Institute of Technology Tiruchirappalli	Prof. Holger Schuttrumpf	RWTH AACHEN UNIVERSITY	Germany	Rejected
3552	AI enabled development of high entropy alloy catalysts for sustainable hydrogen production and carbon di-oxide remediation	Energy, Sustainability and Climate Change	Dr. Sankha Mukherjee	Indian Institute of Technology Kharagpur	Prof. Chandra veer Singh	UNIVERSITY OF TORONTO	Canada	Rejected

3553	Semiconductor Quantum dot glass engineering for designing a micro- scale hydrogen (H2) generation infrastructure	Semiconductors	Prof. Suresh W. Gosavi	Savitribai Phule Pune University	Prof. Animesh Jha	UNIVERSITY OF LEEDS	United Kingdom	Rejected
3554	Edge-IoT-UAV Adaptation Towards Precision Agriculture Using 3D-LiDAR Point Clouds	Next-Gen Communications	Prof. Sanjay Kumar Singh	Indian Institute of Technology (Banaras Hindu University) Varanasi	Prof. Arun Kumar Sangaiah	National Yunlin University of Science and Technology	Taiwan	Rejected
3555	Solar energy based sustainable space heating solution for Indian and European low temperature regions	Energy, Sustainability and Climate Change	Dr. Satyender Singh	Dr. B.R.Ambedkar National Institute of Technology Jalandhar	Dr. Magdalena Nems	Wroclaw University of Science and Technology	Italy	Rejected
3556	Improving Lung Cancer Detection through Accurate Detection of Lung Nodules in the UK and Indian Populations	Advanced Computing (Supercomputing, AI, Quantum Computing)	Dr. Mohammad Farukh Hashmi	National Institute of Technology Warangal	Prof. David Brown	Nottingham Trent University	United Kingdom	Rejected

3557	Supradisciplinary Research to Support Manufacturing Environment Innovations by Intellectualized Cyber-Physical-Social-Human Systems	Manufacturing & Industry 4.0	Prof. Puneet Tandon	Pandit Dwarka Prasad Mishra Indian Institute of Information Technology, Design and Manufacturing (IITDM), Jabalpur	Prof. Imre Horvath	DELFT UNIVERSITY OF TECHNOLOGY	Netherlands	Rejected
3558	Enhancing Urban Mobility through Smart Integration of Freight and Passenger Transportation Systems	Smart Cities & Mobility	Prof. K Ramachandra Rao	Indian Institute of Technology Delhi	Prof. Jose Holguin-Veras	RENSSLAER POLYTECHNIC INSTITUTE	United States of America	Rejected
3559	Design and Analysis of Diplexer Integrated Rectenna system for powering cardiac pacemaker devices wirelessly.	Healthcare & MedTech	Dr. Rosaline S Imaculate	M.S.Ramaiah Institute of Technology	Dr. Arokiaswami Alphones	NANYANG TECHNOLOGICAL UNIVERSITY (NTU)	Singapore	Accepted

3560	Construction 4.0 and Digital Technologies for Enhancing Construction Safety Management for Emerging Economies	Manufacturing & Industry 4.0	Prof. Koshy Varghese	Indian Institute of Technology Madras	Dr. Joseph Louis	OREGON STATE UNIVERSITY	United States of America	Rejected
3561	Development of Hybrid Additive Manufacturing Incremental Forming Technology	Manufacturing & Industry 4.0	Prof. Puneet Tandon	Pandit Dwarka Prasad Mishra Indian Institute of Information Technology, Design and Manufacturing (IITDM), Jabalpur	Prof. Chetan P. Nikhare	PENNSYLVANIA STATE UNIVERSITY	United States of America	Rejected
3563	Multi-Utilisation of Social Infrastructures to 'Build back better' in flood Prone Areas in the Ganga-Brahmaputra River Basin in India	Disaster Management & Resilient Infrastructure	Dr. Mohan Kumar Bera	Birla Institute of Technology & Science	Prof. Nirupama Agrawal	YORK UNIVERSITY	Canada	Rejected

3566	Development of Next Generation Nanostructured 2D Material based Uncooled Mid-Infrared Detectors and Focal Plane Arrays for Space and Defense Applications	Space and Defence	Prof. PRASANTA KUMAR DATTA	Indian Institute of Technology Kharagpur	Prof. Debashis Chanda	University of Central Florida	United States of America	Accepted
3567	Artificial Intelligence-assisted Telemedicine	Healthcare & MedTech	Dr. jaiteg khaira	Chitkara University	Dr. Simarjeet Saini	UNIVERSITY OF WATERLOO	Canada	Rejected
3569	Development of abrasive assisted simultaneous electrochemical and electrodischarge machining process	Manufacturing & Industry 4.0	Prof. Akshay Dvivedi	Indian Institute of Technology Roorkee	Prof. Ajay Mahajan	University of Akron	United States of America	Rejected
3570	Development of Multi-layer Micro-encapsulated Phase Change Material for Energy Saving in Buildings: A Novel Approach	Energy, Sustainability and Climate Change	Dr. Manish K Rathod	Sardar Vallabhbhai National Institute of Technology	Prof. Ramesh Narayanaswamy	CURTIN UNIVERSITY	Australia	Rejected

3571	Exploration of Unique Bi-Dimensional Architectures: Unveiling Structural, Mechanical, and Transport Characteristics Beyond the Scope of van der Waals solids	Advanced Computing (Supercomputing, AI, Quantum Computing)	Prof. Abhishek K Singh	Indian Institute of Science	Prof. Douglas S. Galvao	State University of Campinas	Brazil	Accepted
3572	Enhancing Artificial Pancreas Platforms with AI-based Data Imputation and Automatic Meal Nutrient Estimation features	Healthcare & MedTech	Prof. Mirza Khalid Baig	National Institute of Technology Rourkela	Prof. Prateek Prasanna	STONY BROOK UNIVERSITY	United States of America	Rejected
3573	Open RAN for Next-Gen 6G Communications Using AI-based Quantum Computing	Next-Gen Communications	Dr. Sudip Biswas	Indian Institute of Information Technology Guwahati	Prof. Shahid Mumtaz	Nottingham Trent University	United Kingdom	Accepted

3574	Saffron Cultivation: Towards Sustainable Soilless Solutions Through Smart Indoor Techniques	Agri & Food Technologies	Prof. Rohitashw Kumar	Sher-e-Kashmir University of Agricultural Sciences and Technology	Prof. Oula Ghannoum	WESTERN SYDNEY UNIVERSITY	Australia	Rejected
3575	An Integrated Smart Management System for a Resilient Transport Network	Disaster Management & Resilient Infrastructure	Dr. Swati Maitra	Indian Institute of Technology Kharagpur	Prof. Abhijit Mukherjee	CURTIN UNIVERSITY	Australia	Rejected
3577	High Entropy Superalloys for aerospace applications: Scientific understanding and technological applications	Advanced Materials, Rare-earth & Critical Minerals	Prof. Krishanu Biswas	Indian Institute of Technology Kanpur	Prof. Jien Wei Yeh	NATIONAL TSING HUA UNIVERSITY	Taiwan	Rejected
3578	Technology for Social Good: Using Generative AI to Promote Social Inclusion and Digital Equity in the Indian Ecosystem	Advanced Computing (Supercomputing, AI, Quantum Computing)	Prof. Dr M. Lakshmi	SRM Institute of Science and Technology	Dr. Raghava Rao Mukkamala	COPENHAGEN BUSINESS SCHOOL	Denmark	Rejected

3579	DeMiCAS: Detection and Mitigation of Cyber Attacks in Smart- Grids	Next-Gen Communications	Prof. Neminath Hubballi	Indian Institute of Technology Indore	Dr. Luca Arnaboldi	UNIVERSITY OF BIRMINGHAM	United Kingdom	Rejected
3581	Data driven decision making for enhancing cycling in Indian cities: a comprehensive approach of field and simulator studies supplemented with questionnaire survey	Smart Cities & Mobility	Dr. pushpa choudhary	Indian Institute of Technology Roorkee	Dr. Oscar Oviedo- Trespacios	DELFT UNIVERSITY OF TECHNOLOGY	Netherlands	Rejected
3583	Design and development of detector technology for Nuclear Reactor Safeguards and Gravitational Wave Detection for Future Astronomy	Space and Defence	Prof. Venktesh Singh	Central University of South Bihar	Prof. Jiunn Wei Chen	NATIONAL TAIWAN UNIVERSITY (NTU)	Taiwan	Rejected

3584	Multidisciplinary Collaboration for Risk Reduction of Critical Infrastructure and Building Capacities of Local Stakeholders: Towards Resilient Bhopal (India)	Disaster Management & Resilient Infrastructure	Dr. Surabhi Mehrotra	Maulana Azad National Institute of Technology	Dr. Akhilesh Kumar Surjan	Charles Darwin University	Australia	Rejected
3588	AI-empowered and IoT-enabled Smart Ambient Control for Sleep Quality Enhancement through Real-time Sleep Quality Assessment using Lead-less Cardio-Pulmonary Health Monitoring and Circadian Rhythm Synchronization	Healthcare & MedTech	Dr. Amit Acharyya	Indian Institute of Technology Hyderabad	Dr. Ganesh Naik	FLINDERS UNIVERSITY	Australia	Rejected
3589	Integrated Communication Control and Compute for Edge Intelligence	Next-Gen Communications	Dr. Ruchir Gupta	Indian Institute of Technology (Banaras Hindu University) Varanasi	Dr. Santu Rana	DEAKIN UNIVERSITY	Australia	Rejected

3590	Exploring the failure mechanisms of lithium-ion batteries subjected to thermal and mechanical abuse and proposing a possible solution	Energy, Sustainability and Climate Change	Dr. Rajan Kumar	Dr. B.R.Ambedkar National Institute of Technology Jalandhar	Dr. Elham Sahraei	Temple University	United States of America	Rejected
3591	Deciphering the molecular circuits of seed weight regulation for improved plant productivity	Agri & Food Technologies	Prof. Rajesh Mehrotra	Birla Institute of Technology & Science	Prof. Diana Santelia	ETH ZURICH (SWISS FEDERAL INSTITUTE OF TECHNOLOGY)	Switzerland	Accepted
3593	A Leap Towards Clean and Sustainable Aviation Through Hybrid Propulsion	Energy, Sustainability and Climate Change	Prof. Krishnakant Agrawal	Indian Institute of Technology Delhi	Prof. Chris Gerada	University of Nottingham	United Kingdom	Rejected
3594	Flexible, Printed and Ingestible bioelectronic devices for interfacing with cellular systems and their applications in disease diagnosis	Healthcare & MedTech	Prof. Dipti Gupta	Indian Institute of Technology Bombay	Prof. Sameer Sonkusale	TUFTS UNIVERSITY	United States of America	Rejected

3596	Development of a Real-Time Artificial Intelligence and Machine Learning Framework Model for Automated Electric Vehicle Charging Robots to Enhance Sustainable Transportation Infrastructure	Advanced Computing (Supercomputing, AI, Quantum Computing)	Dr. Narayanamoorthi R	SRM Institute of Science and Technology	Dr. James Riordan	University of the West of Scotland	United Kingdom	Rejected
3597	Modelling and Development of Hybrid Energy Storage Systems for Permanent Magnet Synchronous Machines based Electric Vehicles Application	Energy, Sustainability and Climate Change	Dr. Udaya Bhasker Manthati	National Institute of Technology Warangal	Prof. Eduard Muljadi	Auburn University	United States of America	Rejected
3598	High-Performance Computing on Present and Next-Generation Architectures	Advanced Computing (Supercomputing, AI, Quantum Computing)	Prof. SUMANTA PYNE	National Institute of Technology Rourkela	Prof. Alfredo Goldman vel Lejbman	UNIVERSIDADE DE SÃO PAULO (USP)	Brazil	Rejected

3599	Particles and Transport in Oceanic and Atmospheric Flows	Energy, Sustainability and Climate Change	Dr. Anubhab Roy	Indian Institute of Technology Madras	Prof. Philippe Oder	COLE NORMALE SUPRIEUR E DE LYON	France	Accepted
3600	Efficient and High-Density Power Electronic Converters for Transportation Electrification	Energy, Sustainability and Climate Change	Dr. Suwendu Samanta	Indian Institute of Technology Kanpur	Prof. Zeljko Pantic	NORTH CAROLINA STATE UNIVERSITY	United States of America	Rejected
3601	Explainable AI Techniques for Diagnosis and Prognosis of Retinal Disorders	Healthcare & MedTech	Dr. Ashwini Nanda	Indian Institute of Technology Bhubaneswar	Dr. Nalini K. Ratha Ph. D.	UNIVERSITY AT BUFFALO SUNY	United States of America	Rejected
3603	High Performance and Scalable Runtime for HPC and AI.	Advanced Computing (Supercomputing, AI, Quantum Computing)	Dr. Ashwini Nanda	Indian Institute of Technology Bhubaneswar	Prof. Dhableswar Panda	OHIO STATE UNIVERSITY	United States of America	Accepted
3604	Seismic Performance and Monitoring of FRP Reinforced Concrete Structures	Disaster Management & Resilient Infrastructure	Prof. Arghadeep Laskar	Indian Institute of Technology Bombay	Prof. Ali Hadigheh	THE UNIVERSITY OF SYDNEY	Australia	Rejected

3605	Development of Efficient and Stable Mixed Dimensional (3D-2D, 3D-1D & 2D-1D) Perovskite Materials for Photovoltaics via Additive and Interface Engineering.	Advanced Materials, Rare-earth & Critical Minerals	Dr. Ranbir Singh	Indian Institute of Technology Mandi	Prof. Chih-Yu Chang	NATIONAL TAIWAN UNIVERSITY OF SCIENCE AND TECHNOLOGY	Taiwan	Rejected
3606	Real-time Automated Pest Monitoring of Horticultural Crops of Sub-Himalayan Region of Uttarakhand, India	Agri & Food Technologies	Prof. Ranjan KUMAR Srivastava	G. B. Pant Universtiy of Agriculture and Technology	Prof. Scott Johnson	WESTERN SYDNEY UNIVERSITY	Australia	Accepted
3607	Developing Random Number Generators for Applications in AI/ML	Advanced Computing (Supercomputing, AI, Quantum Computing)	Dr. Kamalika Bhattacharjee	National Institute of Technology Tiruchirappalli	Prof. Pierre L'Ecuyer	UNIVERSITÄT DE MONTRÉAL	Canada	Rejected
3609	Alternate engineered sustainable oils for MQL-based high-performance machining	Manufacturing & Industry 4.0	Dr. Samuel Raj D	Anna University	Prof. Peter Krajnik	CHALMERS UNIVERSITY OF TECHNOLOGY	Sweden	Rejected

3611	Artificial Intelligence (AI) Powered Contact and Contactless Vital Sensing and Activity Tracking for Secured Remote Health Monitoring System	Healthcare & MedTech	Dr. Sabarimalai Manikandan	Indian Institute of Technology Palakkad	Prof. Raghavendra Ramachandra	NORWEGIAN UNIVERSITY OF SCIENCE AND TECHNOLOGY	Norway	Rejected
3612	Wireless EEG Sensing Enabled Edge AI Neurodevelopmental Disorder Assessment System for Tele-monitoring and Tele-rehabilitation Applications	Advanced Computing (Supercomputing, AI, Quantum Computing)	Dr. Sabarimalai Manikandan	Indian Institute of Technology Palakkad	Dr. Muhammad Arifur Rahman	Nottingham Trent University (NTU) - UK (2024)	United Kingdom	Rejected
3613	Applications of Advanced Computing in Sports Engineering, Human Dynamics, Health and Wellbeing	Healthcare & MedTech	Prof. Manisankar Dasgupta	Birla Institute of Technology & Science	Prof. Ben Heller	Sheffield, Hallam University	United Kingdom	Rejected

3614	Dynamic multiscale graph learning on multimodal neuroimaging in decision-making	Advanced Computing (Supercomputing, AI, Quantum Computing)	Prof. Shaik Rafi Ahamed	Indian Institute of Technology Guwahati	Prof. KongFatt Wong-Lin	Ulster University	United Kingdom	Rejected
3616	Exploiting Mechanistic Studies of the Development of Low-Cost Sensors for Long Term Water Quality Monitoring	Advanced Materials, Rare-earth & Critical Minerals	Dr. Kailash Chandra Jena	Indian Institute of Technology Ropar	Prof. Ponnambalam Ravi Selvaganapathy Ravi Selvaganapathy	MCMASTER UNIVERSITY	Canada	Accepted
3617	Spin dynamics in large-area patterned nanostructures for magnonic applications	Semiconductors	Dr. Arabinda Halder	Indian Institute of Technology Hyderabad	Prof. Adekunle Olusola Adeyeye	DURHAM UNIVERSITY	United Kingdom	Rejected
3620	Smart mobility plan for differently abled individuals in a smart city in India	Smart Cities & Mobility	Prof. Soumi Muhuri	National Institute of Technology Rourkela	Prof. Reena Tiwari	CURTIN UNIVERSITY	Australia	Accepted

3621	Development of sustainable smart and active based packaging films enriched with Mangifera indica bioactives for shelf life extension of agricultural produce.	Agri & Food Technologies	Prof. Judith Maria Braganca	Birla Institute of Technology & Science	Prof. Ana Teresa Sanches Silva	UNIVERSITY OF COIMBRA	Portugal	Rejected
3622	Genetic diversity, phylogenetic analysis and metabolic fingerprinting of selected Acanthaceous plants	Agri & Food Technologies	Dr. Annamalai Muthusamy	Manipal Academy of Higher Education	Prof. Yu-Chung Chiang	NATIONAL SUN YAT-SEN UNIVERSITY	Taiwan	Rejected
3624	FPGA based Flexible Network on Chip Implementation for high speed Energy Efficient Edge AI Computing	Semiconductors	Dr. VARUN P GOPI	National Institute of Technology Tiruchirappalli	Dr. SEOK BUM KO	UNIVERSITY OF SASKATCHEWAN	Canada	Rejected

3625	An interdisciplinary approach to Sustainable Energy Transition to Equitable Systems: The Role of Solar Energy and Thermal Storage within the UK-India contexts	Energy, Sustainability and Climate Change	Dr. Chirodeep Bakli	Indian Institute of Technology Kharagpur	Prof. Abhinav Kant Goyal	UNIVERSITY OF BIRMINGHAM	United Kingdom	Accepted
3626	Surface Engineering of Biomedical Implants to Prevent Multidrug Resistant Infection Using Seaweed Derived Multifunctional Hydrogels	Healthcare & MedTech	Prof. Santanu Chattopadhyay	Indian Institute of Technology Kharagpur	Prof. Muthupandian Ashokkumar	THE UNIVERSITY OF MELBOURNE	Australia	Rejected
3628	Framework to sustainably enhance the service life of infrastructure in smart cities	Disaster Management & Resilient Infrastructure	Dr. Behera Prasanna Kumar	Indian Institute of Technology Tirupati	Prof. Sanjay Pareek	Nihon University	Japan	Rejected

3629	Design and Development of Controller to Address Voltage and Frequency Regulation Challenges in 3-Phase Grid System Resulting from 1-Phase PV Imbalance Feedings	Energy, Sustainability and Climate Change	Prof. CHANDRASEKHAR PERUMALLA	Indian Institute of Technology Bhubaneswar	Prof. Sanjib Kumar Panda	NATIONAL UNIVERSITY OF SINGAPORE (NUS)	Singapore	Rejected
3630	Impact Assessment and Resilient Solutions for Power Grid under Extreme Climate Events	Energy, Sustainability and Climate Change	Dr. Ravi Yadav	Indian Institute of Technology Jodhpur	Prof. Innocent Kamwa	LAVAL UNIVERSITY	Canada	Rejected
3631	Tracing Microplastics: A Cross-country Perspective of Indian and German Rivers	Energy, Sustainability and Climate Change	Prof. Kiran Bala	Indian Institute of Technology Indore	Prof. Regina Nogueira	Leibniz University Hannover	Germany	Accepted
3632	Exploring the potential of a handheld Optical Coherence Tomography-based prototype in clinical oral cancer screening	Healthcare & MedTech	Prof. Krishna Kishore Mahato	Manipal Academy of Higher Education	Prof. Wen-Chuan Kuo	NATIONAL YANG MING UNIVERSITY	Taiwan	Rejected

3634	Sustainable and Energy Efficient EV Charging Infrastructure and Strategies for Light Vehicles in India with S2V, V2G, and V2V Capabilities.	Energy, Sustainability and Climate Change	Dr. Giridhar Archakam Vijayaraghavulu	National Institute of Technology Warangal	Prof. Sheldon Williamson	Ontario Tech University	Canada	Rejected
3635	Efficiency Enhancement of Commercial Thin-film Solar Cells Using Oxide Nanostructure based Photon Capturing Window Layer	Energy, Sustainability and Climate Change	Dr. FOZIA Z. HAQUE	Maulana Azad National Institute of Technology	Prof. Mohammad Shaheer Akhtar	Jeonbuk National University	South Korea	Rejected
3636	Integration of Machine Learning for Novel Catalytic Up-Conversion of Biomass to a Value-added Material with Applications in Regenerative Medicine	Manufacturing & Industry 4.0	Dr. V Subbaramaiah	Malaviya National Institute of Technology	Prof. Yamsi K Yadavalli	Virginia Commonwealth University	United States of America	Rejected

3637	Building Climate Resilience Through Sustainable Rice Production in India	Energy, Sustainability and Climate Change	Dr. Kirti Mishra	Indian Institute of Management Udaipur	Dr. Jagjit Kaur Plahe	MONASH UNIVERSITY	Australia	Rejected
3639	Health Communication to Improve Health-seeking patterns for Preventive and Curative Care	Healthcare & MedTech	Prof. Vedha Ponnappan	Indian Institute of Management Udaipur	Prof. Raghunath Singh Rao	UNIVERSITY OF TEXAS AT AUSTIN	United States of America	Rejected
3640	Attosecond electronic dynamics in semiconductors	Semiconductors	Dr. Sivarama Krishnan	Indian Institute of Technology Madras	Prof. Amelle Zair	KING'S COLLEGE LONDON (KCL)	United Kingdom	Rejected
3641	Climate-Resilient Wastewater Treatment Technologies for the Mitigation of Emerging Contaminants and Sustainable Water Reuse	Energy, Sustainability and Climate Change	Prof. Arya V	Indian Institute of Technology Delhi	Dr. Brad Clarke	University of Melbourne	Australia	Rejected
3642	Novel Biostimulants Formulations for Crop Productivity	Agri & Food Technologies	Dr. Anuj . Rana	Chaudhary Charan Singh Haryana Agricultural University	Prof. Brajesh Kumar Singh	WESTERN SYDNEY UNIVERSITY	Australia	Rejected

3643	Building Multidisciplinary Research Capacities for Students on AI-enabled Energy-efficient Simulation Tools for Sustainable Product Life Cycle Management	Energy, Sustainability and Climate Change	Dr. Ramakrishnan Ramachandran	Vellore Institute of Technology	Dr. Sathiskumar Anusuya Ponnusami	CITY UNIVERSITY OF LONDON	United Kingdom	Rejected
3644	Indigenous and Local Knowledge for Gender-oriented Adaptive Transformation Cross-Learning for Climate Change and Disaster Risk Resilience	Energy, Sustainability and Climate Change	Dr. Lakra Harshit Harshit	Indian Institute of Technology Roorkee	Prof. Rajib Shaw	KEIO UNIVERSITY	Japan	Rejected
3645	Sustainable Solutions for Hospital Plastic Waste	Energy, Sustainability and Climate Change	Dr. Diwakar Zeparu Shende	Visvesvaraya National Institute of Technology Nagpur	Dr. Waheed Afzal	UNIVERSITY OF ABERDEEN	United Kingdom	Rejected
3646	DIGITWIN-COLON: Advancing Colorectal Disease Diagnostics with Digital Twins	Advanced Computing (Supercomputing, AI, Quantum Computing)	Dr. Lakshmi Priya B	Vellore Institute of Technology	Dr. Maria Fasli	UNIVERSITY OF ESSEX	United Kingdom	Rejected

3647	Enhancing drought monitoring strategies to mitigate risks in the agricultural sector	Energy, Sustainability and Climate Change	Dr. Damodhar R Mailapalli	Indian Institute of Technology Kharagpur	Prof. Ashok Mishra	TEXAS A&M UNIVERSITY	United States of America	Rejected
3648	A STUDY OF ETHICAL, LEGAL, AND POLICY MATTERS IN ARTIFICIAL INTELLIGENCE (AI), AUTOMATION, AND IoT RELATED STEM EDUCATION: A PEDAGOGY FOR FUTURE	Advanced Computing (Supercomputing, AI, Quantum Computing)	Dr. Hareesh A. G.	Birla Institute of Technology & Science	Dr. Nolen Gertz	UNIVERSITY OF TWENTE	Netherlands	Rejected
3649	Novel GRASS (Green energy and Smart-cum-Sustainable) Decentralized Wastewater Treatment System for Flush-2-Flush Journey of Domestic Sewage	Energy, Sustainability and Climate Change	Dr. PRATIK KUMAR	Indian Institute of Technology Jammu	Prof. Satinder Kaur Brar	YORK UNIVERSITY	Canada	Rejected

3650	Towards a Circular Economy: Exploring Nanotechnology, Plastics, and Additive Manufacturing for Development of Sustainable Concrete	Energy, Sustainability and Climate Change	Dr. Kaustav Sarkar	Indian Institute of Technology Mandi	Dr. Upeksha Madnayake	UNIVERSITY OF READING	United Kingdom	Accepted
3651	Feasibility of Integrated Biohydrogen and Biogas Production from Napier Grass	Energy, Sustainability and Climate Change	Dr. Sridhar Pilli	National Institute of Technology Warangal	Prof. Nicola Saccani	University of Brescia	Italy	Rejected
3652	Strong-field nanophotonics	Advanced Materials, Rare-earth & Critical Minerals	Dr. Vandana Sharma	Indian Institute of Technology Hyderabad	Dr. Sergey Kruk	AUSTRALIAN NATIONAL UNIVERSITY (ANU)	Australia	Rejected
3653	"Electromagnetotaxis: A Paradigm Shift from Chemotaxis in Nanorobot Intelligence for Medical Therapeutics"	Advanced Materials, Rare-earth & Critical Minerals	Prof. Tarun Kanti Bhattacharyya	Indian Institute of Technology Kharagpur	Prof. STUART HAMEROFF	UNIVERSITY OF ARIZONA	United States of America	Accepted

3654	NEXT GENERATION RECYCLED MATERIALS IN RAILWAY: CIRCULAR ECONOMY TRANSITION TO NET ZERO AND SUSTAINABLE FUTURE	Energy, Sustainability and Climate Change	Dr. Lohitkumar Nainegali	National Institute of Technology Surathkal	Dr. Sanjay Nimbalkar	UNIVERSITY OF TECHNOLOGY SYDNEY (UTS)	Australia	Rejected
3655	Exploring the Frontiers of Cancer Therapy: Anticancer Applications of Metal Complexes	Healthcare & MedTech	Prof. Karvembu Ramasamy	National Institute of Technology Tiruchirappalli	Prof. Sodio C. N. Hsu	Kaohsiung Medical University	Taiwan	Rejected
3657	Development of Low Cost Earthquake Resistant Panels for Mass Housing	Disaster Management & Resilient Infrastructure	Prof. Shamsher Bahadur Singh	Birla Institute of Technology & Science	Prof. Venkatesh Kodur	MICHIGAN STATE UNIVERSITY	United States of America	Rejected
3660	Additively Manufactured Refractory High Entropy Alloy-Ti6Al4V Functionally Graded Materials for Biomedical Devices	Healthcare & MedTech	Dr. Mangal Roy	Indian Institute of Technology Kharagpur	Prof. Amit Bandyopadhyay	WASHINGTON STATE UNIVERSITY	United States of America	Rejected

3661	Covert Side Channel Attack on Network-on-Chip	Advanced Computing (Supercomputing, AI, Quantum Computing)	Dr. Urbi Chatterjee	Indian Institute of Technology Kanpur	Dr. Amit Kumar Singh	UNIVERSITY OF ESSEX	United Kingdom	Rejected
3662	Indicators to support Healthy, Sustainable Cities: An Indo-Dutch Collaboration	Energy, Sustainability and Climate Change	Dr. Prakash Rao	Symbiosis International	Dr. Deepti Adlakha	DELFT UNIVERSITY OF TECHNOLOGY	Netherlands	Rejected
3663	Understanding the Nexus of Compound Coastal Flooding, Crop Yield, and Carbon Biogeochemistry: Implications for Climate Resilience in Coastal Agricultural Systems	Disaster Management & Resilient Infrastructure	Prof. R. Vinnarasi	Indian Institute of Technology Roorkee	Prof. Amir AghaKouchak	UNIVERSITY OF CALIFORNIA, IRVINE (UCI)	United States of America	Rejected
3664	Data-driven modelling, optimization, and decision analysis of sustainable closed-loop supply chains	Advanced Computing (Supercomputing, AI, Quantum Computing)	Prof. Mamata Jenamani	Indian Institute of Technology Kharagpur	Prof. Yu-wang Chen	THE UNIVERSITY OF MANCHESTER	United Kingdom	Rejected

3665	Catalytic Biodiesel Production from Low-Cost Natural Resources in the Confined Nano-Space of Covalent Organic Frameworks (COFs)	Advanced Materials, Rare-earth & Critical Minerals	Prof. Mahammad Ali	Jadavpur University	Prof. Erich D Bloch	INDIANA UNIVERSITY BLOOMINGTON	United States of America	Rejected
3666	Development of Self-sustained Clusters of Microgrids for Electrical Energy Requirement of Rural and Modern Society	Smart Cities & Mobility	Dr. Vigneysh T	Shanmugha Arts Science Technology & Research Academy	Dr. Gulshan Sharma	University of Johannesburg	South Africa	Rejected
3667	SUSTAINABLE AGRICULTURE AND HEALTH THROUGH ORGANIC FARMING IN A PLASTIC-FREE ENVIRONMENT	Agri & Food Technologies	Dr. ARUP KUMAR MITRA	St. Xavier`s College	Dr. Vetrivelan Subramaniyan	MONASH UNIVERSITY	Australia	Rejected
3670	IRIS: Intelligent Assistive Robot Infrastructure for Mobility in Smart Cities	Smart Cities & Mobility	Dr. Venkata Madhukanth Vadali	Indian Institute of Technology Gandhinagar	Dr. Shreya Santra	TOHOKU UNIVERSITY	Japan	Rejected

3671	Development of Sustainable electrochemical Innovations for Synthetic Reactions	Manufacturing & Industry 4.0	Dr. Debayan sarkar	Indian Institute of Technology Indore	Prof. Oliver Reiser	University of Regensburg	Germany	Rejected
3672	Concurrent Brain Stimulation and Imaging to Unravel Functional Brain Networks in Parkinsons Disease	Healthcare & MedTech	Prof. Nivethida Thirugnanasamban dam	Indian Institute of Technology Bombay	Prof. Risto Ilmoniemi	AALTO UNIVERSITY	Finland	Accepted
3673	Development of Next Generation of Spatio-Temporal Multimode Broadband Amplifiers for Fiber Optic Communication	Next-Gen Communications	Dr. Nithyanandan Kanagaraj	Indian Institute of Technology Hyderabad	Dr. Massimiliano Guasoni	UNIVERSITY OF SOUTHAMPTON	United Kingdom	Accepted
3675	Energy, Sustainability, Climate change: Designing a path towards holistic resilience in the Sundarban Delta of India	Energy, Sustainability and Climate Change	Dr. SAMRAT ROY	St. Xavier's College	Dr. Cristina Ioana Dragomir	NEW YORK UNIVERSITY (NYU)	United States of America	Rejected

3676	ARTIFICIAL INTELLIGENCE POWERED SUSTAINABLE KNOWLEDGE MANAGEMENT SYSTEM FOR HIGHER EDUCATION INSTITUTIONS	Energy, Sustainability and Climate Change	Prof. V.P Joshith	Central University of Kerala	Prof. Rachel Sarah Sheffield	CURTIN UNIVERSITY	Australia	Rejected
3677	Analysing Water-Energy-Food Nexus for Achieving Sustainable Development Goals - Insight from Implemented Policies in Australia and India	Agri & Food Technologies	Prof. R. Singh	Indian Institute of Technology Kharagpur	Prof. Dongryeol Ryu	THE UNIVERSITY OF MELBOURNE	Australia	Rejected
3678	Title of Project: Operational Digital Twin (DT) Framework for Real-time Monitoring of Indoor Environment Quality of SPA-V	Energy, Sustainability and Climate Change	Prof. Vijayalaxmi Kasinath Iyer	School of Planning and Architecture Vijayawada	Dr. Ravi Shankar Srinivasan	UNIVERSITY OF FLORIDA	United States of America	Rejected

3679	Hybrid Sonoelectrochemical process for the Fabrication of Nanoarchitectonic Magnetite Nanocomposites as an Anode material for Lithium-Ion Battery	Energy, Sustainability and Climate Change	Dr. Thirugnanasambandam Sivasankar	National Institute of Technology Tiruchirappalli	Prof. Muthupandian Ashokkumar	THE UNIVERSITY OF MELBOURNE	Australia	Rejected
3680	Rate enhancement for 6G V2X networks using Rate Splitting Multiple Access	Smart Cities & Mobility	Dr. Sam Darshi	Indian Institute of Technology Ropar	Dr. Jan Yi Pan	National Chung Cheng University	Taiwan	Rejected
3681	Prospects of Power Converters in distributed generation and their grid integration	Energy, Sustainability and Climate Change	Dr. Avneet Kumar	Indian Institute of Technology Patna	Prof. Ambrish Chandra	Universite du Quebec	Canada	Rejected
3683	Inclusive Healthcare AI: Promoting Equity and Fairness	Healthcare & MedTech	Dr. Deivalakshmi S	National Institute of Technology Tiruchirappalli	Dr. Lakshman Tamil	The University of Texas at Dallas	United States of America	Rejected

3684	Development of Resilient Technologies for Sustainable Distributed Energy Resources in Smart Grid Systems	Energy, Sustainability and Climate Change	Dr. Srinivas Bhaskar Karanki	Indian Institute of Technology Bhubaneswar	Prof. Sanjib Kumar Panda	NATIONAL Tsinghua UNIVERSITY (NTU)	Singapore	Accepted
3685	Turbulent Skies: Navigating Climate Change and Air Pollution in Fragile Ecosystems	Energy, Sustainability and Climate Change	Prof. CT Aravindakumar	Mahatma Gandhi University	Prof. Crispin James Halsall	LANCASTER UNIVERSITY	United Kingdom	Rejected
3686	Green-Chip Health Guardian: A Self-Sustainable Ultra-Low-Power ASIC for Multimodal Biomedical Sensing in IoT-Based Wearable Health Monitoring with Adaptive Learning AI	Healthcare & MedTech	Dr. B Naresh Kumar Reddy	National Institute of Technology Tiruchirappalli	Dr. Bogaraju Sharatchandra Varma	Ulster University	United Kingdom	Rejected
3687	Digital Twin for Enhancing Security in O-RAN towards 6G Networks	Next-Gen Communications	Dr. Sriram Sankaran	Amrita Vishwa Vidyapeetham	Prof. Huan Nguyen	Middlesex University	United Kingdom	Rejected

3688	RAPID: Revolutionizing Agriculture through Advanced Computing and Precision	Advanced Computing (Supercomputing, AI, Quantum Computing)	Dr. Arijit Roy	Indian Institute of Technology Patna	Dr. Yogachandra n Rahulamatha van	LOUGHBORO UGH UNIVERSITY	United Kingdom	Rejected
3689	Solid Polymer Membranes for Fuel cell, Battery separator, and Water purification Applications	Energy, Sustainability and Climate Change	Prof. Susanta Banerjee	Indian Institute of Technology Kharagpur	Prof. Seema Agarwal	University of Bayreuth	Germany	Accepted
3690	Optimizing the Energy Management for Smart and Sustainable Energy Communities	Smart Cities & Mobility	Dr. Santanu Kumar Dash	Vellore Institute of Technology	Dr. MICHELE ROCCOTELLI	Polytechnic University of Bari	Italy	Rejected
3691	Multiple stimuli- responsive injectable hydrogel as a nanotheranostic system to eradicate the recurrence of resistant metastatic breast cancer	Healthcare & MedTech	Prof. Mahitosh Mandal	Indian Institute of Technology Kharagpur	Prof. Tzu Wei wang	NATIONAL TSING HUA UNIVERSITY	Taiwan	Rejected

3692	Nanostructured ceramics derived from recycling waste for multifunctional applications	Advanced Materials, Rare-earth & Critical Minerals	Prof. Abdul Azeem P	National Institute of Technology Warangal	Dr. R Elbaum	HEBREW UNIVERSITY OF JERUSALEM	Israel	Rejected
3693	An Explainable Artificial Intelligence Approach for Timely Diagnosis and Social Skills Development for Children and Young People with Learning Disabilities	Advanced Computing (Supercomputing, AI, Quantum Computing)	Dr. Vikash Kumar	Malaviya National Institute of Technology	Dr. Mufti Mahmud	Nottingham Trent University, UK	United Kingdom	Rejected
3694	Artificial Intelligence (AI) Powered Contact and Contactless Vital Sensing and Activity Tracking for Secured Remote Health Monitoring System	Healthcare & MedTech	Dr. Sabarimalai Manikandan	Indian Institute of Technology Palakkad	Prof. Raghavendra Ramachandra	NORWEGIAN UNIVERSITY OF SCIENCE AND TECHNOLOGY	Norway	Rejected

3695	Development of herbicide reduced weed management strategies for control of weedy rice and barnyard grass in diverse rice ecosystems of Kerala	Agri & Food Technologies	Dr. Sheeja K Raj	Kerala Agricultural University	Prof. Bhagirath Singh Chauhan	THE UNIVERSITY OF QUEENSLAND (UQ)	Australia	Rejected
3696	The Role of AgTech Startup Financing in Technology Adoption Across the Agriculture Value Chain in India	Agri & Food Technologies	Prof. Phani BV	Indian Institute of Technology Kanpur	Prof. Elicia Maine	SIMON FRASER UNIVERSITY	Canada	Rejected
3697	Weld quality monitoring of cladding based friction stir spot welding of dissimilar steel to aluminium alloy	Manufacturing & Industry 4.0	Dr. Raju Prasad Prasad Mahto	Sardar Vallabhbhai National Institute of Technology	Prof. Prakash Srirangam Venkata	THE UNIVERSITY OF WARWICK	United Kingdom	Rejected
3699	Semiconductor Embedded Packaging for Optimizing High frequency Circuits (Semi EPOHC)	Semiconductors	Prof. Shiladri Chakraborty	Indian Institute of Technology Bombay	Prof. Soroush Faramehr	Coventry University	United Kingdom	Rejected

3700	Development of Sustainable Polygeneration Systems	Energy, Sustainability and Climate Change	Dr. Tangellapalli Srinivas	Dr. B.R.Ambedkar National Institute of Technology Jalandhar	Prof. Mohsen Sharifpur	University of Pretoria	South Africa	Rejected
3701	UAV-enabled ultra-reliable low-latency communication for energy efficiency and latency reduction in 6G networks	Next-Gen Communications	Prof. Manoj B S	Indian Institute of Space Science and Technology	Dr. OLUWAKAYO DE ONIRETI	UNIVERSITY OF GLASGOW	United Kingdom	Accepted
3702	Next Generation Batteries and Electrochromic Devices (NG-BATT-EC)	Energy, Sustainability and Climate Change	Prof. Premkumar Senguttuvan	Jawaharlal Nehru Centre for Advanced Scientific Research	Prof. Mukundan Thelakkat	University of Bayreuth	Germany	Rejected
3703	Adaptive Edge Inference for Visual Tracking of Objects using Internet of Cameras	Smart Cities & Mobility	Dr. Suvadip Batabyal	National Institute of Technology Durgapur	Prof. Sajal Kumar Das	Missouri University of Science and Technology	United States of America	Rejected
3705	2D nanomaterials based flexible and wearable resistive gas sensors	Advanced Materials, Rare-earth & Critical Minerals	Dr. Kamlendra Awasthi	Malaviya National Institute of Technology	Prof. Eduard Llobet	University of Rovira i Virgili	Spain	Rejected

3707	Exploring the potential of Niobium based MXenes-polymer composites as next generation flexible energy storage material.	Energy, Sustainability and Climate Change	Dr. Smitha Thankachan	Mar Athanasius College	Dr. FERNANDO GOMES DE SOUZA,Jr	UNIVERSIDADE FEDERAL DE SÃfO PAULO (UNIFESP)	Brazil	Rejected
3708	Nano materials and nano technologies for developing cementless concrete using industrial waste	Advanced Materials, Rare-earth & Critical Minerals	Prof. Gunneswara Rao	National Institute of Technology Warangal	Prof. VENKATESH KODUR	MICHIGAN STATE UNIVERSITY	United States of America	Rejected
3709	Development of a new integrated milling and separation process for efficient dry fractionation of chickpeas	Agri & Food Technologies	Prof. Pavuluri Srinivasa Rao	Indian Institute of Technology Kharagpur	Dr. Rewati Raman Bhattarai	CURTIN UNIVERSITY	Australia	Accepted
3710	Industry Standard State-of-the-art Silicon-on-Insulator (SOI) Technology for RF, Millimeter (mm)-Wave, and Neuromorphic Computing Applications	Semiconductors	Dr. Kumar Prasannajit Pradhan	Indian Institute of Information Technology, Design and Manufacturing, Kancheepuram	Prof. Jean-Pierre Raskin	UNIVERSITÄT %o CATHOLIQUE DE LOUVAIN (UCL)	Belgium	Rejected

3711	Molecular Dynamics Study on Evaporation of Nanodroplet Polymer Solutions from Solid Substrates	Advanced Computing (Supercomputing, AI, Quantum Computing)	Dr. Hari Krishna Chilukoti	National Institute of Technology Warangal	Prof. Gota Kikugawa	TOHOKU UNIVERSITY	Japan	Rejected
3712	Sustainable, eco-friendly and cost-effective strategies recycling of metal resources from discarded mobile phones.	Advanced Materials, Rare-earth & Critical Minerals	Dr. NIKHIL DHAWAN	Indian Institute of Technology Roorkee	Prof. Philip Kwong	The University of Adelaide	Australia	Rejected
3713	Mitigating Collateral Damage in Cryosurgery of Tumor Tissue	Healthcare & MedTech	Dr. Prasenjit Rath	Indian Institute of Technology Bhubaneswar	Prof. Kunal Mitra	Florida Institute of Technology (Florida Tech))	United States of America	Rejected
3714	Non Invasive Oximeter for enhanced comfort and precision	Healthcare & MedTech	Dr. Rajneesh Talwar	Chitkara University	Dr. Cher Ming Tan	CHANG GUNG UNIVERSITY	Taiwan	Rejected
3715	Creating an Infrared Retinal Image recording device and multi-ethnic AI Model for flash-free imaging suitable for rural and remote regions	Healthcare & MedTech	Dr. Rajesh Nair	Indian Institute of Technology Ropar	Prof. Dinesh Kant Kumar	RMIT UNIVERSITY	Australia	Rejected

3716	Landslide Hazard Assessment in Kerala: Integrating Remote Sensing, Machine Learning and GIS technologies	Disaster Management & Resilient Infrastructure	Dr. Saravanan Subbarayan	National Institute of Technology Tiruchirappalli	Dr. Sudhagar Nagarajan	Florida Atlantic University	United States of America	Rejected
3717	Safe and Secure Mobility in Smart City: The Future of Transportation in India	Smart Cities & Mobility	Dr. Amit M. Joshi	Malaviya National Institute of Technology	Prof. Selcuk Kose	UNIVERSITY OF ROCHESTER	United States of America	Rejected
3718	Enabling IRS aided V2X communication in a 5G cellular network	Next-Gen Communications	Dr. Subhra Sankha Sarma	Vellore Institute of Technology	Prof. Ramjee Prasad	AARHUS UNIVERSITY	Denmark	Rejected
3719	Impact of ocean level rise on the coastal zones of India and human activity	Energy, Sustainability and Climate Change	Prof. Santanu Koley	Birla Institute of Technology & Science	Dr. Nawin Raj	University of Southern Queensland	Australia	Rejected

3720	ENERGY, EXERGY, ENVIRONMENTAL AND ECONOMIC (4E) ANALYSIS OF HYDROGEN SYNTHESIS FROM DIVERSE WASTE STREAM BY THERMAL PLASMA UPCYCLING PROCESS	Energy, Sustainability and Climate Change	Dr. Anand Ramanathan	National Institute of Technology Tiruchirappalli	Prof. Amaro Olimpio Pereira	UNIVERSIDADE FEDERAL DO RIO DE JANEIRO	Brazil	Rejected
3721	Multiphoton optical microscopic approach and machine learning for monitoring and understanding the microstructural and metabolic heterogeneity in diabetic wounds	Healthcare & MedTech	Dr. Nirmal Mazumder	Manipal Academy of Higher Education	Prof. Yury Kistenev	TOMSK STATE UNIVERSITY	Russia	Rejected
3722	System Integration and Operation of Utility-scale Green Hydrogen Technologies	Energy, Sustainability and Climate Change	Dr. Parul Mathuria	Malaviya National Institute of Technology	Dr. Mehdi Ghazavi Dozein	MONASH UNIVERSITY	Australia	Rejected

3723	[M3I] Multi-scale Multiphysics Modelling and Computation of Ion Transport Processes across Complex Membranes: from Atomistic to Continuum Scale	Advanced Computing (Supercomputing, AI, Quantum Computing)	Dr. Sourav Mondal	Indian Institute of Technology Kharagpur	Prof. Katerina Kaouri	CARDIFF UNIVERSITY	United Kingdom	Rejected
3724	Fabrication of reconfigurable THz metamaterials by Ultrafast laser surface structuring	Next-Gen Communications	Dr. Priya Rose Thankamani	Cochin University of Science and Technology	Prof. Antonello Andreone	UNIVERSITÄ€ DEGLI STUDI DI NAPOLI FEDERICO II	Italy	Rejected
3725	Building active membranes and transport vesicles	Advanced Materials, Rare-earth & Critical Minerals	Dr. Tripta Bhatia	Indian Institute of Science Education & Research Mohali	Prof. Thomas Guenther Pomorski	UNIVERSITY OF COPENHAGEN	Denmark	Rejected
3727	Designing social robot interactions to support learning in collaborative making tasks	Advanced Computing (Supercomputing, AI, Quantum Computing)	Dr. Aditi Kothiyal	Indian Institute of Technology Gandhinagar	Prof. Barbara Bruno	KIT, KARLSRUHER INSTITUT FŒR TECHNOLOGI E	Germany	Accepted

3728	Pathways to Transformative Smart City Development: Leveraging Inter-Modal Shift and Behaviour Changes	Smart Cities & Mobility	Dr. Harikrishna M	National Institute of Technology Calicut	Dr. Martin Behnisch	TECHNISCHE UNIVERSITÄT DRESDEN	Germany	Rejected
3730	Uses of natural compounds from agriculture waste as antibiofilm agents for foodborne microorganisms	Agri & Food Technologies	Dr. Rajni Kant Sharma	Chaudhary Charan Singh Haryana Agricultural University	Dr. Parvesh Singh	University of Kwa-Zulu Natal	South Africa	Rejected
3731	INSPIRE: Semantics Inspired Secure Wireless Networks	Next-Gen Communications	Prof. Brejesh Lall	Indian Institute of Technology Delhi	Dr. Vishal Sharma	QUEEN'S UNIVERSITY OF BELFAST	United Kingdom	Rejected
3732	Development of Green Syngas (CO/H ₂) technology via solar dry reforming reaction at low temperature	Energy, Sustainability and Climate Change	Dr. Rajendra Charandeo Pawar	Central University of Rajasthan	Prof. Caroline Sunyong Lee	HANYANG UNIVERSITY	South Korea	Accepted
3733	Monolithically integrated Vertical GaN JFET with JBS diode for kilovolt class power converters	Semiconductors	Dr. Biplab Sarkar	Indian Institute of Technology Roorkee	Prof. Zlatko Sitar	NORTH CAROLINA STATE UNIVERSITY	United States of America	Accepted

3734	Developing effective intervention strategies for controlling foodborne pathogens by characterizing their interactions with the environment and the host: A multifaceted program for research, education and extension	Agri & Food Technologies	Dr. JANMEJAY PANDEY	Central University of Rajasthan	Dr. Abhinav Upadhyay	UNIVERSITY OF CONNECTICUT	United States of America	Rejected
3735	Automated Legitimacy, Bias Detection and Mitigation for Machine Learning Models: An Integrated Framework for Enhanced Fairness and Responsibility	Advanced Computing (Supercomputing, AI, Quantum Computing)	Dr. Deivamani M	Anna University	Prof. Ricardo Baeza-Yates	NORTHEASTERN UNIVERSITY	United States of America	Rejected

3736	The development of therapeutic interventions to address the underlying causes of cardiovascular illness; the role of several factors on endothelial barrier permeability	Healthcare & MedTech	Dr. Shailendra Pratap Singh	Central University of Rajasthan	Prof. Alexander M. Markin	Petrovsky National Research Center of Surger, Moscow	Russia	Rejected
3737	Iron biofortification in mungbean through understanding iron homeostasis & CRISPR-Cas gene editing.	Agri & Food Technologies	Prof. SANJIB KUMAR PANDA	Central University of Rajasthan	Prof. PETRA BAUER	HEINRICH HEINE UNIVERSITY	Germany	Accepted
3738	Exploring Multi-Material Metal (Steel/Inconel) Wire Arc Additive Manufacturing for Aerospace Applications - Innovation in New Material Systems	Manufacturing & Industry 4.0	Prof. Rahul S Mulik	Indian Institute of Technology Roorkee	Prof. Raj Das	RMIT UNIVERSITY	Australia	Rejected

3740	Sustainable Food Waste Management and Valorisation: International Collaboration on Nonthermal Technologies for the Upcycling of By-products from tropical fruits and oil seeds	Agri & Food Technologies	Dr. Sudheer K P	Kerala Agricultural University	Dr. Sushil Dhital	MONASH UNIVERSITY	Australia	Rejected
3741	Climate Change and Environmental Migration: An Evaluation of Socio-economic Conditions and Problems of Environmental Migrants in Tamil Nadu	Energy, Sustainability and Climate Change	Prof. Saravanan P	Indian Institute of Management Tiruchirapally	Prof. Ajit Dayanandan	University of Alaska Anchorage	United States of America	Rejected
3743	Risk-based Assessment Framework for AI in Healthcare: Assessing and Guiding Responsible AI Adoption in Public Health Care	Healthcare & MedTech	Dr. Mona Duggal	Post Graduate Institute of Medical Education and Research	Prof. Rema Padman	CARNEGIE MELLON UNIVERSITY	United States of America	Rejected

3744	Recent Advances on the Mineral Processing of Critical Minerals and development strategic method	Energy, Sustainability and Climate Change	Dr. Tapas Kumar Bandyopadhyay	Indian Institute of Technology Kharagpur	Prof. Bogale Tadesse	CURTIN UNIVERSITY	Australia	Rejected
3745	DESIGN AND FABRICATION OF NOBLE METAL FREE MICROBIAL PHOTOELECTROCHEMICAL CELL FOR CLEAN H2 PRODUCTION FROM DAIRY WASTEWATER: A CIRCULAR ECONOMY APPROACH	Energy, Sustainability and Climate Change	Dr. Selvaraju Narayanasamy	Indian Institute of Technology Guwahati	Prof. Yoon Sung Nam	KAIST - KOREA ADVANCED INSTITUTE OF SCIENCE AND TECHNOLOGY	South Korea	Rejected
3746	Benzathine penicillin vs oral azithromycin: Study of medication adherence and long-term clinical outcome of Rheumatic heart disease (RHD)	Healthcare & MedTech	Prof. Rajeev Ahuja	Indian Institute of Technology Ropar	Prof. Goodarz Danaei	HARVARD UNIVERSITY	United States of America	Rejected

3747	Design and Development of High Entropy Alloy-based Electrode Architectures for High Performing Supercapacitors	Energy, Sustainability and Climate Change	Prof. Manikoth M Shaijumon	Indian Institute of Science Education & Research Thiruvananthapuram	Prof. Pulickel M Ajayan	RICE UNIVERSITY	United States of America	Rejected
3748	International Network and Capacity-building for Resilient and Agile Freight Transportation in Smart cities (IN-CRAFTS)	Smart Cities & Mobility	Dr. Agnivesh P	Indian Institute of Technology (Banaras Hindu University) Varanasi	Dr. Ivan Sanchez-Diaz	CHALMERS UNIVERSITY OF TECHNOLOGY	Sweden	Rejected
3749	Sustainable entrepreneurship at the base of the pyramid: Exploring enablers, challenges, and impact	Energy, Sustainability and Climate Change	Prof. Dharendra Mani Shukla	Indian Institute of Management Lucknow	Prof. Israr Qureshi	AUSTRALIAN NATIONAL UNIVERSITY (ANU)	Australia	Rejected
3750	Design and Implementation of a Real Time Digital Twin of Kidney: Establishing Next generation Smart Diagnosis in Sustainable Health Care.	Healthcare & MedTech	Prof. Samuel G L	Indian Institute of Technology Madras	Prof. Lingxue Kong	DEAKIN UNIVERSITY	Australia	Accepted

3751	Global Outlooks on Resilience: Adaptive Knowledge in Sustainable Health Administration - Navigating Active Threats from Hydrometeorological Disaster-Climate-Health Nexus	Disaster Management & Resilient Infrastructure	Dr. Jayaraj Mymbilly Balakrishnan	Manipal Academy of Higher Education	Dr. Akhilesh Kumar Surjan	CHARLES DARWIN UNIVERSITY	Australia	Rejected
3752	INNOVATIVE COMPOSITES FROM CELLULOSE NANOFIBERS AND GRAPHENE OXIDE-TITANIUM DIOXIDE FOR POLLUTANTS REMEDIATION	Energy, Sustainability and Climate Change	Dr. SREEKALA M S	Mahatma Gandhi University	Prof. Fernando Gomes	UNIVERSIDADE FEDERAL DO RIO DE JANEIRO	Brazil	Rejected
3753	Assessing environmental influences on the seed quality, tannin and antioxidant properties of Moringa oleifera	Agri & Food Technologies	Dr. Jayanti Tokas	Chaudhary Charan Singh Haryana Agricultural University	Mr. Craig Robert McGill	MASSEY UNIVERSITY	New Zealand	Accepted

3754	Advanced AI Integration: Harmonizing Ethno-Medicinal Knowledge, Traditional Wisdom, and Technological Innovations for Augmented Leprosy Care in Chhattisgarh	Healthcare & MedTech	Dr. Sushma Jaiswal	Guru Ghasidas Vishwavidyalaya	Prof. Surbhi Bhatia Khan	University of Salford, Manchester, United Kingdom	United Kingdom	Rejected
3755	Development of Machine-Learning-Based Hybrid Operational Matrix Algorithm for Some Nonlinear Fractional Models in Ocean Engineering	Advanced Computing (Supercomputing, AI, Quantum Computing)	Dr. Hariharan G	Shanmugha Arts Science Technology & Research Academy	Dr. Bin Han	UNIVERSITY OF ALBERTA	Canada	Accepted
3756	Data Confidentiality Across Asymmetric Resource Constrained Devices for a Post Quantum Era	Next-Gen Communications	Prof. Neena Goveas	Birla Institute of Technology & Science	Prof. Asha Rao	RMIT UNIVERSITY	Australia	Rejected

3757	Genomic insights into grain phytic acid and glycemic acid interaction by transcriptomic approach and nutritional improvement in rice through microbial interventions	Agri & Food Technologies	Dr. Beena R	Kerala Agricultural University	Prof. Kadambot H.M. Siddique	THE UNIVERSITY OF WESTERN AUSTRALIA (UWA)	Australia	Rejected
3758	Cyber security and Resiliency for Distributed Energy Resources Dominant Smart Grids	Energy, Sustainability and Climate Change	Dr. Deepak Reddy Pullaguram	Indian Institute of Technology Kharagpur	Dr. Manimaran Govindarasu	Iowa State University	United States of America	Rejected
3760	Fabrication, Characterization, Simulation and Compact model development of emerging negative-capacitance and ferroelectric field-effect transistors for next-generation circuits and logic-in-memory applications	Semiconductors	Dr. Pramod Kumar Tiwari	Indian Institute of Technology Patna	Dr. Chun-Jung SU	NATIONAL CHIAO TUNG UNIVERSITY	Taiwan	Rejected

3761	Potential Failure Mode Approach and Vibration Based Condition Assessment for Dam Safety Evaluation	Disaster Management & Resilient Infrastructure	Prof. S. D. Bharti	Malaviya National Institute of Technology	Dr. Ashutosh Bagchi	CONCORDIA UNIVERSITY	Canada	Accepted
3762	Cyber-Secure Deep-learning framework for Electricity Market Price Forecasting considering the Carbon Market Correlation	Energy, Sustainability and Climate Change	Dr. Meenakshi Tripathi	Malaviya National Institute of Technology	Prof. Biplab Sikdar	NATIONAL UNIVERSITY OF SINGAPORE (NUS)	Singapore	Rejected
3763	Feasibility of Integrated Biohydrogen and Biogas Production from Napier Grass	Energy, Sustainability and Climate Change	Dr. Sridhar Pilli	National Institute of Technology Warangal	Prof. Nicola Saccani	University of Brescia	Italy	Rejected
3764	IREM: Informative and Robust Explanation Generation of Deep Multi-modal Models	Advanced Computing (Supercomputing, AI, Quantum Computing)	Prof. Niloy Ganguly	Indian Institute of Technology Kharagpur	Prof. Wolfgang Nejdl	L3S Research Center, Leibniz University Hannover	Germany	Accepted

3765	Sustainability-Oriented Innovation for Combating Climate Change through Circular Economy Adoption	Energy, Sustainability and Climate Change	Prof. Srikanth mutnuri	Birla Institute of Technology & Science	Prof. Pawan Budhwar	ASTON UNIVERSITY	United Kingdom	Rejected
3766	Development of earth-abundant Tellurium free efficient low-grade Waste Heat recovery thermoelectric generators for sustainable energy production	Energy, Sustainability and Climate Change	Dr. Navaneethan M	SRM Institute of Science and Technology	Prof. Muhammet S. Toprak	KTH, ROYAL INSTITUTE OF TECHNOLOGY	Sweden	Rejected
3767	Enhancing Offshore Wind Structure Resilience through Reliability-Centric Digital Twin	Energy, Sustainability and Climate Change	Dr. Pradeep Kumar Dammala	Indian Institute of Technology Jodhpur	Prof. Abbas Barabadi	UNIVERSITY OF TROMSO	Norway	Rejected
3768	Development of Stable and Fast Charging Sodium-ion Batteries for High-Power Applications	Energy, Sustainability and Climate Change	Dr. Shanmugaraj A M	Sri Sivasubramaniya Nadar College of Engineering	Dr. Sang Eun Chun	Kyungpook National University	South Korea	Rejected

3769	Artificial Intelligence for Small Molecules	Healthcare & MedTech	Prof. Karthik Raman	Indian Institute of Technology Madras	Prof. Juho Rouso	AALTO UNIVERSITY	Finland	Rejected
3770	Deep machine learning based artificial neural network approaches for engineering applications	Advanced Computing (Supercomputing, AI, Quantum Computing)	Dr. Pattabhi Ramaiah Budarapu	Indian Institute of Technology Bhubaneswar	Prof. Xiaoying Zhuang	Leibniz University Hannover	Germany	Rejected
3771	Co-designing an Industry 4.0 based 'Smart Curriculum' for Inclusive Value-Added Courses to build industry-readiness of students in India and the UK (VACs-2.0 project)	Manufacturing & Industry 4.0	Dr. Debi Prosad Dogra	Indian Institute of Technology Bhubaneswar	Dr. Pratik Vyas	Nottingham Trent University	United Kingdom	Rejected
3772	Ultrasound-mediated Anti-Bubble for Breast Tumor Therapy	Healthcare & MedTech	Dr. Avinash Eranki	Indian Institute of Technology Hyderabad	Dr. Mario Ries	UTRECHT UNIVERSITY	Netherlands	Rejected

3773	A Proactive Ubiquitous Communication System for Connecting Elderly Living Alone with Children and Services	Healthcare & MedTech	Prof. Sanasam Ranbir Singh	Indian Institute of Technology Guwahati	Dr. Vijay Mago	YORK UNIVERSITY	Canada	Rejected
3774	Adaptive Antennas, RFICs and Metasurfaces for Next Generation 6G Wireless Communication Systems	Next-Gen Communications	Prof. Dharmendra Singh	Indian Institute of Technology Roorkee	Prof. Amit Mehta	SWANSEA UNIVERSITY	United Kingdom	Rejected
3775	A hybrid foundation alternative to promote sustainability of offshore wind and wave energy infrastructure	Energy, Sustainability and Climate Change	Prof. Santiram Chatterjee	Indian Institute of Technology Bombay	Prof. Yinghui Tian	THE UNIVERSITY OF MELBOURNE	Australia	Rejected
3776	A Framework for Equitable Digital Transformation towards Smart Governance: Leveraging Big Data Tools to Target SDGs in India	Smart Cities & Mobility	Dr. Satish Pipralia	Malaviya National Institute of Technology	Dr. Tooran Alizadeh	University of Sydney	Australia	Rejected

3777	Hardware Security Primitives Using Emerging Nano-Devices	Next-Gen Communications	Prof. Brajesh Kumar Kaushik	Indian Institute of Technology Roorkee	Prof. Anupam Chattopadhyay	NANYANG TECHNOLOGICAL UNIVERSITY (NTU)	Singapore	Rejected
3779	Learnings from global and Indian Knowledge System for the contemporary sustainable entrepreneurs: Building a conceptual model and Indian Sustainability Index for the future generations	Energy, Sustainability and Climate Change	Dr. Nidhi	Maharshi Dayanand University	Dr. Sarvjeet Kaur Chatrath	Saint Petersburg State University	Australia	Rejected
3780	Sustainable Integration of Smart Textiles and Wearable Technologies for Self-Powered Energy Harvesting in Small Portable Devices	Energy, Sustainability and Climate Change	Prof. Gaurav Manik	Indian Institute of Technology Roorkee	Prof. Sang-Shin Park	Yeungnam University	South Korea	Rejected

3781	Design and Control of Power Electronics Converters for Solar PV Generation	Energy, Sustainability and Climate Change	Dr. Bussa Vinod Kumar	Indian Institute of Technology Patna	Dr. Yam Siwakoti	UNIVERSITY OF TECHNOLOGY SYDNEY (UTS)	Australia	Rejected
3782	Sustainable Plant-Based Meat Analogues: Innovations in Production and Fortification for Global Food Security	Agri & Food Technologies	Prof. Adil Gani	University of Kashmir	Prof. Qingrong Huang	RUTGERS UNIVERSITY-NEW BRUNSWICK	United States of America	Rejected
3783	Optimizing Sorghum Resilience: Integrating Drought-Tolerance, Physiology, and Microbiome for Sustainable Agriculture	Energy, Sustainability and Climate Change	Dr. Usha C Thomas	Kerala Agricultural University	Prof. Oula Ghannoum	WESTERN SYDNEY UNIVERSITY	Australia	Rejected
3784	Cyber-resilient protection and wide area control for the power grid	Energy, Sustainability and Climate Change	Dr. Subhransu Ranjan Samantaray	Indian Institute of Technology Bhubaneswar	Prof. Miroslav M Begovic	TEXAS A&M UNIVERSITY	United States of America	Rejected

3785	Engineered multi quantum well (MQW) structures for efficient photonic and photovoltaic devices	Semiconductors	Dr. Nagaraja Kireeti Kodihalli	Manipal Academy of Higher Education	Dr. Sergei I Mukhin	NATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY "MISIS"	Russia	Rejected
3786	Soil erosion control using bio mediated soil treatment techniques: A novel approach to create resilient embankments on Himalayan rivers for flood management.	Disaster Management & Resilient Infrastructure	Dr. Ravi K	Indian Institute of Technology Guwahati	Dr. Navdeep K Dhami	CURTIN UNIVERSITY	Australia	Rejected
3787	AI-Driven Resilient Semiconductor Supply Chain	Semiconductors	Dr. Akhilesh Kumar	Indian Institute of Technology Kharagpur	Prof. Alok Choudhary	University of Warwick	United Kingdom	Accepted
3788	Design of healthcare management system for chronic diseases in rural areas of Chhattisgarh and Odisha	Healthcare & MedTech	Dr. Babita Majhi	Guru Ghasidas Vishwavidyalaya	Dr. Soumyakant Padhee	Lenoir-Rhyne University, Hickory, North Carolina, USA 28602	United States of America	Rejected

3789	Distributed wind energy for urban and rural requirements, integration and energy conversion	Energy, Sustainability and Climate Change	Dr. Nithya Venkatesan	Vellore Institute of Technology	Dr. Eldad J Avital	QUEEN MARY UNIVERSITY OF LONDON (QMUL)	United Kingdom	Accepted
3790	Development and Implementation of Technology-driven capacity building programs for SMEs in India and UK	Manufacturing & Industry 4.0	Dr. Jyoti Mehndiratta Kappal	Symbiosis International	Dr. Anitha Chinnaswamy	ASTON UNIVERSITY	United Kingdom	Rejected
3791	Development of Novel Artificial Intelligence based Frameworks for Prediction, Fault Detection and Control for Enhancing Durability, Health, and Performance of Proton Exchange Membrane fuel cell System	Advanced Computing (Supercomputing, AI, Quantum Computing)	Dr. Uday Bhaskar Babu Gara	National Institute of Technology Warangal	Dr. Idelfonso B. R Nogueira	NORWEGIAN UNIVERSITY OF SCIENCE AND TECHNOLOGY	Norway	Rejected

3792	Advancing Defence and Space Materials: Electrospun Nanofibers for Next-Generation Nanocomposites	Space and Defence	Dr. Achchhe Lal	Sardar Vallabhbhai National Institute of Technology	Dr. Sameer B Mulani	University of Alabama	United States of America	Rejected
3793	Integrating Mobile and Fixed IoT Sensors for Comprehensive Traffic and Environmental Monitoring: Smart City Approach	Smart Cities & Mobility	Dr. Bhavna Shrivastava	Malaviya National Institute of Technology	Dr. Subhas Chandra Mukhopadhyay	MACQUARIE UNIVERSITY	Austria	Rejected
3794	Investigation of flash drought indicators and development of spatial visualization platform within an artificial intelligence environment to forecast future scenarios for sustainable crop production.	Energy, Sustainability and Climate Change	Dr. Tarun Pratap Singh	Symbiosis International	Dr. Sunil Bhaskaran	CITY UNIVERSITY OF NEW YORK	United States of America	Rejected

3795	AI-Enabled Advancements in Renewable Energy Research for Higher Education in India and the UK	Energy, Sustainability and Climate Change	Dr. Padmavathy T V	Vellore Institute of Technology	Dr. Dhanesh G Mohan	University of Sunderland	United Kingdom	Rejected
3796	EVALUATING RECYCLED BINDER AVAILABILITY OF PLANT PRODUCED ASPHALT MIXTURES	Disaster Management & Resilient Infrastructure	Dr. Vishnu R	National Institute of Technology Warangal	Dr. Suri Gatiganti	Auburn University	United States of America	Rejected
3798	Ex vivo interaction studies through targeted nano-niosomal carrier and 3D cancer organoids using wave sensing technology-A suitable construct alternative to animal model.	Healthcare & MedTech	Prof. Vijayashree Nayak	Birla Institute of Technology & Science	Prof. Harish Madyastha	Miyazaki	Japan	Rejected

3799	Integrating Artificial Intelligence into Dental Education: Addressing a critical global oral health challenge through transformative capacity building	Advanced Computing (Supercomputing, AI, Quantum Computing)	Prof. Mahesh Verma	Guru Gobind Singh Indraprastha University	Prof. Manu Mathur	QUEEN MARY UNIVERSITY OF LONDON (QMUL)	United Kingdom	Accepted
3800	A Framework of Net-Zero Energy Building Design in Composite Climate of India	Energy, Sustainability and Climate Change	Dr. Ravita Lamba	Malaviya National Institute of Technology	Prof. Jorn Toftum	TECHNICAL UNIVERSITY OF DENMARK	Denmark	Accepted
3801	Federated Learning and Blockchain-Enhanced DAI Framework-Aided Non-Terrestrial Network (NTN) Communications for 5G/6G	Next-Gen Communications	Dr. Prabagarane N	Sri Sivasubramaniya Nadar College of Engineering	Dr. SUVENDI CHINNAPPEN RIMER	University of Johannesburg	South Africa	Rejected
3802	Maximizing Crop Yield in Climate-Resilient Agriculture through Integration of AI Models and Genomics/Phenomics Tools	Agri & Food Technologies	Prof. S K Pahuja	Chaudhary Charan Singh Haryana Agricultural University	Prof. Surya Kant	LA TROBE UNIVERSITY	Australia	Rejected

3803	Coupling Partial Autotrophic Denitrification-Anammox-Denitrifying Phosphorous Accumulation for Simultaneous Phosphorus Recovery and Removal of Carbon, Nitrogen, and Sulphur from Waste Streams: An AI/ML Based Bio-modelling Approach for Sustainable and Circular Bioeconomy	Energy, Sustainability and Climate Change	Dr. Prangya Ranjan Rout	Dr. B.R.Ambedkar National Institute of Technology Jalandhar	Dr. Qiuyan Yuan	University of Manitoba	Canada	Rejected
3804	Development of Formation Control Systems for Multi-Drone Swarms: A Smart Technology towards Precision Agriculture	Agri & Food Technologies	Prof. Manas Kumar Bera	National Institute of Technology Rourkela	Prof. Jagannathan Sarangapani	Missouri University of Science and Technology	United States of America	Rejected

3805	Empowering Indian Agriculture: A Satellite & IoT Approach to Enhance Crop Productivity and Water Conservation	Agri & Food Technologies	Dr. Pazhanivelan Sellaperumal	Tamil Nadu Agricultural University	Prof. Brendan Choat	WESTERN SYDNEY UNIVERSITY	Australia	Rejected
3806	Geohazards in Changing Climate: extreme events, landslides, and their mitigation strategies and preparedness	Energy, Sustainability and Climate Change	Prof. Debayan Bhattacharya	Indian Institute of Technology Delhi	Prof. Beatrice A Baudet	UCL (UNIVERSITY COLLEGE LONDON)	United Kingdom	Rejected
3807	Emerging quantum transport phenomena and their field driven dynamics in quantum materials	Advanced Materials, Rare-earth & Critical Minerals	Prof. Birabar Ranjit Kumar Nanda	Indian Institute of Technology Madras	Prof. Sashi Satpathy	University of Missouri	United States of America	Rejected

3808	Layered Nanocomposite Composed of Graphene Carbon Quantum Dots and Mxene Coated with Calcium Oxide Nanoparticles for Large Scale Carbon Dioxide Capture and Translation into Nano-Fertilizer	Energy, Sustainability and Climate Change	Dr. Santosh Kumar Tiwari	NITTE	Prof. Oluwafunmilola Ola	University of Nottingham	United Kingdom	Accepted
3809	Futuristic Applications for Health and MedTech using AI-AR	Healthcare & MedTech	Dr. K Krishna Naik	The Indian Institute of Information Technology Design and Manufacturing Kurnool	Dr. Subhajit Chakrabarty Choubey	Louisiana State University	United States of America	Rejected
3810	Silicon-to-Structure: AI-assisted design of novel therapeutics to combat corona viruses	Advanced Computing (Supercomputing, AI, Quantum Computing)	Prof. Raviprasad Aduri	Birla Institute of Technology & Science	Prof. Ross Donald King	CHALMERS UNIVERSITY OF TECHNOLOGY	Sweden	Rejected

3811	Enabling Sustainable Hydrogen Storage, Transportation, and Refuelling via Electrochemical Ammonia Formation and Decomposition	Energy, Sustainability and Climate Change	Prof. Vimal Chandra Srivastava	Indian Institute of Technology Roorkee	Prof. Meenesh R. Singh	UNIVERSITY OF ILLINOIS, CHICAGO (UIC)	United States of America	Accepted
3812	Exploring Band Topology in Magnet/s-Wave Superconductor Hybrids: A Realistic Materials Modeling Approach towards Quantum Braiding	Advanced Materials, Rare-earth & Critical Minerals	Dr. Ashis Kumar Nandy	National Institute of Science Education and Research Bhubaneswar	Prof. Stefan Bluegel	Forschungszentrum Juelich (FZJ)/University Aachen (RWTH)	Germany	Rejected
3814	Development of futuristic composite materials through Additive Manufacturing	Advanced Materials, Rare-earth & Critical Minerals	Dr. Ramesh Thillaigovindan	National Institute of Technology Tiruchirappalli	Dr. Liyong Tong	THE UNIVERSITY OF SYDNEY	Australia	Rejected

3815	Surveillance of high-altitude Uttarakhand Himalayas for detection and geospatial mapping of anti-microbial resistomes and virome	Healthcare & MedTech	Dr. Subhajit Basu	University of Petroleum and Energy Studies	Prof. Dr. Uwe Truyen	University of Leipzig	Germany	Rejected
3816	Facing climate threats, the Himalayas need solutions. Carbon-focused farming (CFF) offers hope	Energy, Sustainability and Climate Change	Dr. Shabir Ahmed Bangroo	Sher-e-Kashmir University of Agricultural Sciences and Technology	Prof. Ben Smith	WESTERN SYDNEY UNIVERSITY	Australia	Rejected
3817	Mathematical modelling of bubble dynamics	Agri & Food Technologies	Dr. Swapnadip De Chowdhury	Indian Institute of Technology Kharagpur	Prof. Richard Manasseh	SWINBURNE UNIVERSITY OF TECHNOLOGY	Australia	Accepted
3818	AI-Enhanced Cloud-Based Lightweight Framework for Flash Flood Risk Assessment and Hazard Mapping in Steep Mountain Channels	Disaster Management & Resilient Infrastructure	Dr. Mahesh Patel	Dr. B.R.Ambedkar National Institute of Technology Jalandhar	Prof. Carlo Gualtieri	UNIVERSITÄT DEGLI STUDI DI NAPOLI FEDERICO II	Italy	Accepted

3820	Smart Weather Risk Management through Community based Crop-Livestock Farming with Intelligent Scheduling and Marketing of Value Added Products using Retrofitted Electric Vehicle Food Cart	Energy, Sustainability and Climate Change	Dr. Dawnee Soman	M.S.Ramaiah Institute of Technology	Dr. Kalidas Shetty	North Dakota State University, Fargo, USA	United States of America	Rejected
3821	Deciphering Immune Aging Signatures for personalized disease tracking in Indian Populations	Healthcare & MedTech	Prof. Anirban Chakraborty	NITTE	Prof. Mihai G Netea	RADBOUD UNIVERSITY NIJMEGEN	Netherlands	Accepted
3823	Unifying Goals in Smart EV Charging through Game Theory and Multi-Objective Optimization	Smart Cities & Mobility	Prof. Pramod Kumar Singh	Atal Bihari Vajpayee Indian Institute of Information Technology and Management	Prof. Sajal K Das	Missouri University of Science and Technology	United States of America	Accepted

3824	Space weathering on Mercury, Moon and Carbon-rich asteroids: Experimental simulations and nanoscale study	Space and Defence	Dr. Surya Snata Rout	National Institute of Science Education and Research Bhubaneswar	Prof. Sumit Chakraborty	RUHR-UNIVERSITÄT BOCHUM	Germany	Accepted
3825	Zero waste water purification by advanced aerogel based adsorption and AI based monitoring	Energy, Sustainability and Climate Change	Prof. SWATI GHOSH ACHARYYA	University of Hyderabad	Prof. Lidija Siller	NEWCASTLE UNIVERSITY	United Kingdom	Rejected
3826	Large Language Models for Healthcare	Advanced Computing (Supercomputing, AI, Quantum Computing)	Dr. Basant Agarwal	Central University of Rajasthan	Prof. Ibrahim A. Hameed	NORWEGIAN UNIVERSITY OF SCIENCE AND TECHNOLOGY	Norway	Rejected
3827	Neuromorphic Computing with Fast and Energy Efficient Spintronic Device	Advanced Computing (Supercomputing, AI, Quantum Computing)	Prof. Brajesh Kumar Kaushik	Indian Institute of Technology Roorkee	Prof. Jayasimha Atulasimha	Virginia Commonwealth University	United States of America	Accepted
3828	Carbonized Grass Using Advanced Gasifier for the Remediation of Contaminated Soils Obtained from Biomining	Energy, Sustainability and Climate Change	Dr. Mohit Somani	Indian Institute of Technology Bhubaneswar	Prof. Takeshi Katsumi	KYOTO UNIVERSITY	Japan	Rejected

3829	Design of Catalytic Materials and Solvent Environment to Produce Biorenewable Chemicals	Energy, Sustainability and Climate Change	Prof. Haider Ali	Indian Institute of Technology Delhi	Prof. Johannes A. Lercher	TECHNICAL UNIVERSITY OF MUNICH	Germany	Accepted
3831	Development of Process informatics for the Quality Improvement of Various Technological Important Crystals	Semiconductors	Dr. Srinivasan M	Sri Sivasubramaniya Nadar College of Engineering	Prof. Noritaka Usami	NAGOYA UNIVERSITY	Japan	Accepted
3832	Unlocking the Potential of Native Bees: A Crucial Step for Sustainable Agriculture	Agri & Food Technologies	Dr. Mani Chellappan	Kerala Agricultural University	Dr. Amy Marie Gilpin	WESTERN SYDNEY UNIVERSITY	Australia	Rejected
3833	IMPLICIT: Integrated Multimodal Public Transit Planning for Indian Cities and Towns	Smart Cities & Mobility	Dr. Debasis Basu	Indian Institute of Technology Bhubaneswar	Prof. Sabyasachee Mishra	800	United States of America	Rejected

3834	Next-Generation Biofunctionalized Hybrid Smart Scaffold for Periosteum-Bone Regeneration	Healthcare & MedTech	Dr. Sneha Singh	Birla Institute of Technology	Prof. Hae-Won Kim	Institute of Tissue Regeneration Engineering (ITREN), Dankook University	South Korea	Rejected
3835	Two-dimensional Semiconductor Heterostructures for Multifunctional Transistors and Neuromorphic Computing: Integrating Cutting-Edge Research and Work Force Development for Indian Semiconductor Mission	Semiconductors	Prof. Prasana Kumar Sahoo	Indian Institute of Technology Kharagpur	Prof. Saptarshi Das	PENNSYLVANIA STATE UNIVERSITY	United States of America	Rejected
3836	Upscaling nanoparticle production and unravelling mechanisms of nanoparticle- based smart drug delivery systems	Healthcare & MedTech	Prof. Ethayaraja Mani	Indian Institute of Technology Madras	Dr. Sulalit Bandyopadhyay	NORWEGIAN UNIVERSITY OF SCIENCE AND TECHNOLOGY	Norway	Rejected

3837	Bacterial Cellulose: an advanced material with multiple applications	Advanced Materials, Rare-earth & Critical Minerals	Prof. Rintu Banerjee	Indian Institute of Technology Kharagpur	Dr. Francisco Miguel Portela da Gama	University of Minho	Portugal	Accepted
3838	AI BASED INTEGRATED HEALTH MONITORING SYSTEM FOR TALL BUILDINGS	Advanced Computing (Supercomputing, AI, Quantum Computing)	Dr. SHANMUGASUNDARAM M	Vellore Institute of Technology	Dr. AKBAR JAVADI	UNIVERSITY OF EXETER	United Kingdom	Rejected
3839	India-US Collaborative Workforce Development Program in Semiconductor Manufacturing	Semiconductors	Prof. Shiv Govind Singh	Indian Institute of Technology Hyderabad	Prof. Vijay Raghunathan	PURDUE UNIVERSITY	United States of America	Accepted
3840	Metasurfaces for THz and Quantum Technologies	Next-Gen Communications	Prof. Shailendra K. Varshney	Indian Institute of Technology Kharagpur	Prof. Ranjan Singh	NANYANG TECHNOLOGICAL UNIVERSITY (NTU)	Singapore	Accepted
3841	Improving drought and salinity tolerance in wheat while teaching and training the next generation of Indian scientists	Agri & Food Technologies	Dr. JOHAR SINGH SAINI	Punjab Agricultural University	Prof. Kulvinder S Gill	WASHINGTON STATE UNIVERSITY	United States of America	Rejected

3842	Isolation of nanocellulose from millet waste and development of nanocellulose based hydrogel	Agri & Food Technologies	Prof. Winny Routray	National Institute of Technology Rourkela	Prof. Guneet Kaur	University of Guelph	Canada	Rejected
3843	Unveiling the Exact Nature of Sub-bandgap Defects in Hybrid Perovskite Semiconductors	Semiconductors	Dr. Sudip Chakraborty	Homi Bhabha National Institute	Dr. Jay Patel	KING'S COLLEGE LONDON (KCL)	United Kingdom	Rejected
3844	Leveraging mixed methods research methodology in healthcare for Indian Researchers	Healthcare & MedTech	Dr. Judith Angelitta Noronha	Manipal Academy of Higher Education	Prof. Ana Hutchinson	DEAKIN UNIVERSITY	Australia	Rejected
3845	Strongly correlated phases of matter in transition metal dichalcogenides	Semiconductors	Dr. Vidya Kochat	Indian Institute of Technology Kharagpur	Dr. Mitali Banerjee	ÉCOLE POLYTECHNIQUE FÉDÉRALE DE LAUSANNE (EPFL)	Switzerland	Rejected
3846	Modelling neuromotor synergies in silent speech recognition for a face-computer interface speller system	Healthcare & MedTech	Dr. Karthick P.A	National Institute of Technology Tiruchirappalli	Dr. Ramana Kumar Vinjamuri	UNIVERSITY OF MARYLAND, BALTIMORE COUNTY	United States of America	Rejected

3847	Association of air pollutants, to protein aggregation disorders	Healthcare & MedTech	Prof. Usha K Aravind	Cochin University of Science and Technology	Prof. Taiha Joo	POHANG UNIVERSITY OF SCIENCE AND TECHNOLOGY (POSTECH)	South Korea	Accepted
3848	Towards Functional Aliphatic Polycarbonates: Sustainable Synthesis and Biodegradability Studies	Energy, Sustainability and Climate Change	Dr. Gulzar Ahmad Bhat	University of Kashmir	Prof. Emily Pentzer	TEXAS A&M UNIVERSITY	United States of America	Rejected
3849	Sustainable Green nanocomposite for Intelligent Edible Packaging with Freshness Indicator	Agri & Food Technologies	Dr. Radhakrishnan Edayileveettil Krishnankutty	Mahatma Gandhi University	Prof. Anastasia Vladimirovna Penkova	St.Petersburg State University	Russia	Rejected
3850	Intelligent off-grid renewable energy system for remote hilly region	Energy, Sustainability and Climate Change	Dr. Arun Kumar Verma	Indian Institute of Technology Jammu	Prof. Hemanshu Roy Pota	University of New South Wales (UNSW) Canberra	Australia	Rejected
3851	Intelligent Semiconductor biochips for healthcare/medtech applications	Semiconductors	Prof. Satinder Kumar Sharma	Indian Institute of Technology Mandi	Dr. Nikhil Bhalla	University of Ulster, UK	United Kingdom	Rejected

3852	Pervasive Nonintrusive Real-time Sensing of Human Fatigue	Healthcare & MedTech	Dr. Sandip Chakraborty	Indian Institute of Technology Kharagpur	Prof. Nirmalya Roy	UNIVERSITY OF MARYLAND, BALTIMORE COUNTY	United States of America	Rejected
3853	Impact of climate change in remobilizing, redistributing and reactivating contaminants of emerging concern (CEC) in a South Indian water body (Periyar river)	Energy, Sustainability and Climate Change	Prof. CT Aravindakumar	Mahatma Gandhi University	Prof. Roland Kallenborn	Norwegian University of Life Sciences	Norway	Rejected
3855	Integrated Array Antenna with GaN Based Power Amplifier in the D-Band for 6G Internet Backhaul Networks	Next-Gen Communications	Dr. Mrinal Kanti Mandal	Indian Institute of Technology Kharagpur	Dr. Aritra Banerjee	UNIVERSITY OF ILLINOIS, CHICAGO (UIC)	United States of America	Rejected
3856	Machine Learning (ML)-based Constitutive Model to study the effect of Green Tire compound formulation on target properties	Advanced Computing (Supercomputing, AI, Quantum Computing)	Dr. Mythraravuni Pullela	Indian Institute of Technology Kharagpur	Prof. Greg Qiao	THE UNIVERSITY OF MELBOURNE	Australia	Rejected

3857	Self-charging Technologies and Advanced Roadways for Transporting Electric Vehicles (START-EV)	Smart Cities & Mobility	Prof. Krishna Prapoorna Biligiri	Indian Institute of Technology Tirupati	Prof. Samuel Labi	PURDUE UNIVERSITY	United States of America	Rejected
3858	Green corrosion inhibitor-modified carboxyl-terminated poly (acrylonitrile-butadiene) rubber (CI-m-CTBN) toughened hierarchically structured bioinspired multifunctional epoxy coatings for high-performance applications	Advanced Materials, Rare-earth & Critical Minerals	Prof. Sabu Thomas	Mahatma Gandhi University	Prof. RUTH CARDINAELS	KATHOLIEKE UNIVERSITEIT LEUVEN	Belgium	Rejected
3859	Design, and Development of Robust Controller for Wireless Power Transfer (WPT) System under Communication Uncertainty	Energy, Sustainability and Climate Change	Dr. Jeyasenthil R	National Institute of Technology Warangal	Dr. Yam Siwakoti	UNIVERSITY OF TECHNOLOGY SYDNEY (UTS)	Australia	Rejected

3860	3D Printable Thermoplastic Elastomers and their Dynamic Vulcanizates from PP/EPDM and PP/NR Blend Systems for Automotive Applications	Manufacturing & Industry 4.0	Prof. Sabu Thomas	Mahatma Gandhi University	Prof. Guo Hua Hu	University of Lorraine - CNRS	France	Rejected
3861	Continuous Glucose Sensor and Wearable Health Monitoring Systems	Healthcare & MedTech	Dr. Jagannath Malik	Indian Institute of Technology Patna	Prof. Franklin Bien	Ulsan National Institute of Science and Technology (UNIST)	South Korea	Rejected
3862	Improving Grid Stability and Facilitating Renewable Energy Integration with Advanced Controls for Grid-Connected Power Converters	Energy, Sustainability and Climate Change	Dr. AMRITESH KUMAR	National Institute of Technology Silchar	Dr. Georgios Konstantinou	THE UNIVERSITY OF NEW SOUTH WALES (UNSW)	Australia	Rejected
3863	Synthesis of single crystal emerald and its industrial applications	Manufacturing & Industry 4.0	Dr. Sujoy K Ghosh	Indian Institute of Technology Kharagpur	Prof. Tahar Hammouda	University of Clermont Auvergne	France	Rejected

3864	Assessing vulnerability to flood and drought hazards using machine learning	Energy, Sustainability and Climate Change	Dr. Archana Raghavan Sathyan	Kerala Agricultural University	Prof. Lutz Breuer	Justus Liebig University of Giessen	Germany	Accepted
3865	Extraction and encapsulation of phenolics and carotenoids from millet processing waste through Biorefinery approach	Agri & Food Technologies	Dr. Dr. Jerold Manuel	National Institute of Technology Warangal	Dr. Mahesha M Poojary	UNIVERSITY OF COPENHAGEN	Denmark	Accepted
3866	Robust Acoustic Sensing from Micro Aerial Vehicle for Defence Applications	Space and Defence	Dr. Somanath Pradhan	Indian Institute of Technology Patna	Dr. Jinchen Ji	UNIVERSITY OF TECHNOLOGY SYDNEY (UTS)	Australia	Rejected
3867	Protein Nanostructure based therapy: insights into the control of alpha-synuclein protein aggregate build-up using rationally designed protein-based nanomaterials.	Agri & Food Technologies	Dr. Jay Kant Yadav	Central University of Rajasthan	Dr. Dominic Agyei	UNIVERSITY OF OTAGO	New Zealand	Rejected

3868	Leveraging Ising Machines with Simulated Bifurcation Algorithms for Solving Complex Optimization Problems	Advanced Computing (Supercomputing, AI, Quantum Computing)	Prof. Brajesh Kumar Kaushik	Indian Institute of Technology Roorkee	Prof. Giovanni Finocchio	University of Messina (Departmental QS ranking = 601-620)	Italy	Rejected
3869	Affordable Wearable Continuous Monitoring of Fetal Physiological Development: A Multidisciplinary Approach	Healthcare & MedTech	Prof. Manivannan Muniyandi	Indian Institute of Technology Madras	Prof. Marimuthu Palaniswami	University of Melbourne	Australia	Accepted
3870	Implementation of energy-efficient skyrmion-based oscillator for neuromorphic computing	Advanced Computing (Supercomputing, AI, Quantum Computing)	Prof. Brajesh Kumar Kaushik	Indian Institute of Technology Roorkee	Prof. Artur Useinov	NATIONAL CHIAO TUNG UNIVERSITY	Taiwan	Rejected
3871	Role of genetic and environmental factors in the onset of congenital cataract	Healthcare & MedTech	Dr. Jay Kant Yadav	Central University of Rajasthan	Prof. Johannes Buchner	TECHNICAL UNIVERSITY OF MUNICH	Germany	Accepted

3872	Development of personalized, focal and deep transcranial magnetic stimulation (TMS) coils using metal additive manufacturing	Manufacturing & Industry 4.0	Dr. Somashekara M A	Indian Institute of Technology Dharwad	Dr. Ravi L Hadimani	Virginia Commonwealth University	United States of America	Accepted
3873	Bioinspired nanostructured bactericidal surfaces	Healthcare & MedTech	Prof. Sajan Daniel George	Manipal Academy of Higher Education	Prof. Chang-Hwan Choi	Stevens Institute of Technology	United States of America	Rejected
3874	Data to Decision: Building Capacities in Public Health Data Science	Healthcare & MedTech	Dr. Biju Soman	Sree Chitra Tirunal Institute for Medical Sciences and Technology	Prof. Sundeep Sahay	UNIVERSITY OF OSLO	Norway	Rejected
3875	Smart Big Data and Artificial Intelligence Fighting Heart Failures	Healthcare & MedTech	Dr. Nagarajan Ganapathy	Indian Institute of Technology Hyderabad	Dr. Nicolai Spicher	GEORG-AUGUST-UNIVERSITÄT GÖTTINGEN	Germany	Rejected
3876	Development of Innovative Sustainable Materials for Screening of Vibration from High-Speed Railway	Disaster Management & Resilient Infrastructure	Dr. Pradipta Chakraborty	Indian Institute of Technology Patna	Prof. Dipanjan Basu	UNIVERSITY OF WATERLOO	Canada	Rejected

3877	ENHANCED SECURITY AND TRANSPARENT SYSTEM FOR TRACKING AND MANAGING DATA USING BLOCKCHAIN AND DRONE SYSTEMS.	Advanced Computing (Supercomputing, AI, Quantum Computing)	Dr. Shajahan B	Jain university	Dr. Shitharth Selvarajan	Leeds Beckett University	United Kingdom	Rejected
3878	Development of a microfluidics-based diagnostic device for detection of major multi-drug resistant bacteria in diabetic foot ulcers	Healthcare & MedTech	Dr. Murali Thokur Sreepathy	Manipal Academy of Higher Education	Dr. Stephen Kidd	THE UNIVERSITY OF ADELAIDE	Australia	Accepted
3879	SecurENET: UK-India Collaboration for Cyber Security Research on Emerging Networks-EV Charging and Connected Vehicles	Next-Gen Communications	Prof. Vireshwar Kumar	Indian Institute of Technology Delhi	Dr. Omprakash Kaiwartya	Nottingham Trent University	United Kingdom	Rejected

3880	Role of Artificial intelligence in developing inclusive and resilient healthcare supply chain	Healthcare & MedTech	Prof. Rajesh Kumar Singh	Management Development Institute Gurgaon	Prof. Niraj Kumar	UNIVERSITY OF ESSEX	United Kingdom	Rejected
3881	Fabrication of hybrid Nanocellulose/Graphene Oxide/Polyethyleneimine co-functionalized membranes for desalination	Energy, Sustainability and Climate Change	Prof. Sabu Thomas	Mahatma Gandhi University	Prof. Frank Lipnizki	LUND UNIVERSITY	Sweden	Rejected
3882	Advancing crop disease surveillance and prediction system using spatial intelligence and machine learning for sustainable agriculture	Agri & Food Technologies	Prof. Mahesh Kumar Jat	Malaviya National Institute of Technology	Prof. Biswajeet Pradhan	UNIVERSITY OF TECHNOLOGY SYDNEY (UTS)	Australia	Rejected
3883	Functionalized hybrid materials based on polymer and sulfur for lithium-sulfur batteries	Advanced Materials, Rare-earth & Critical Minerals	Prof. Leena Nebhani	Indian Institute of Technology Delhi	Prof. Dipan Kundu	THE UNIVERSITY OF NEW SOUTH WALES (UNSW)	Australia	Accepted

3884	Digital analysis of flow processes in porous materials for geo-energy applications (Digi-GeoEnergy)	Energy, Sustainability and Climate Change	Prof. Swarup Kumar Mahapatra	Indian Institute of Technology Bhubaneswar	Prof. Kamaljit Singh	HERIOT-WATT UNIVERSITY	United Kingdom	Accepted
3885	Millimeter-wave RF front end and antenna integration using integrated passive device for B5G/6G applications	Next-Gen Communications	Dr. Arun Kumar Gande	National Institute of Technology Warangal	Prof. Chung-Tse Michael Wu	NATIONAL TAIWAN UNIVERSITY (NTU)	Taiwan	Rejected
3886	Development of Sustainable Rotational Molded Water Tanks using PLA Pineapple Fiber Composites: Towards Eco-friendly Water Storage Solutions	Energy, Sustainability and Climate Change	Prof. Sabu Thomas	Mahatma Gandhi University	Prof. Petr Spatenka	Czech Technical University	Austria	Rejected
3887	Drones in pesticide and crop nutrient management: An integrative operational framework for effective adaptation across smallholders	Agri & Food Technologies	Prof. Chandranath Chatterjee	Indian Institute of Technology Kharagpur	Prof. Anita M Thompson	UNIVERSITY OF WISCONSIN-MADISON	United States of America	Rejected

3888	Sustainable protected cropping technology for safe and nutritious food	Agri & Food Technologies	Dr. Venkatraman Srinivasan	Indian Institute of Technology Madras	Prof. David Tissue	WESTERN SYDNEY UNIVERSITY	Australia	Rejected
3889	Combating micro- and nano-plastic contamination in freshwater and soil through environmental remediation and circular plastics economy	Energy, Sustainability and Climate Change	Prof. Pooja Ghosh	Indian Institute of Technology Delhi	Prof. Anna Lahde	UNIVERSITY OF EASTERN FINLAND	Finland	Rejected
3890	Synthesis of carbon dots from plant extracts and bio-imaging of neuron cells	Healthcare & MedTech	Prof. Sabu Thomas	Mahatma Gandhi University	Dr. Tamilselavn Mohan	TECHNISCHE UNIVERSITÄT GRAZ	Austria	Rejected
3891	Renewable Energy Sources based Microgrid Power Management for Grid Connected and Autonomous Operations: With a Focus on Electric Vehicle Charging Station Development	Energy, Sustainability and Climate Change	Dr. Ramulu Chinthamalla	National Institute of Technology Warangal	Prof. Mohan Lal Kolhe	University of Agder	Norway	Rejected

3892	Greening Perovskite Solar Cells: Integrating Kappa-Carrageenan Biopolymer for Enhanced Performance and Durability	Energy, Sustainability and Climate Change	Prof. Sabu Thomas	Mahatma Gandhi University	Prof. Andrea Listorti	University of Bari	Italy	Rejected
3893	Understanding the mechanism of histone methyltransferase, G9a mediated role in autophagy during Non-alcoholic fatty liver disease (NAFLD)	Healthcare & MedTech	Dr. Altaf Bhat	University of Kashmir	Prof. Humaira Gowher	PURDUE UNIVERSITY	United States of America	Accepted
3894	Sustainable and cost-effective 3D printing applications of Natural Rubber/PLA-based Vitrimers.	Energy, Sustainability and Climate Change	Prof. Sabu Thomas	Mahatma Gandhi University	Prof. JosÃ© Luis Vila	Universidad del PaÃ­s Vasco (UPV/EHU)	Spain	Rejected
3895	Development of amorphous silicon flexible alpha radiation detectors for nuclear decommissioning	Semiconductors	Prof. Rajiv Dusane	Indian Institute of Technology Bombay	Prof. David Jenkins	UNIVERSITY OF YORK	United Kingdom	Accepted

3896	Safe Mobility for all road users in Smart Cities	Smart Cities & Mobility	Prof. Bhargab Maitra	Indian Institute of Technology Kharagpur	Prof. Ong Ghim Ping Raymond	NATIONAL UNIVERSITY OF SINGAPORE (NUS)	Singapore	Rejected
3897	Reconfigurable Orbital Angular Momentum Photonics	Next-Gen Communications	Dr. Manukumara Manjappa	Indian Institute of Science	Prof. Yuri Kivshar	AUSTRALIAN NATIONAL UNIVERSITY (ANU)	Australia	Rejected
3898	Novel Intelligent Transdermal Green Aerogel Patches based on Dopamine-modified nanocellulose and its derivative from Agromass of Elettaria Cardamomum for Diabetic Wound Management	Healthcare & MedTech	Dr. Radhakrishnan Edayileveettil Krishnankutty	Mahatma Gandhi University	Dr. LI Suming	University of Montpellier	France	Rejected
3899	Roles of collagen waviness and crosslinks in the nonlinear mechanics of soft fibrous tissues	Healthcare & MedTech	Prof. Namrata Gundiah	Indian Institute of Science	Prof. Gerhard Holzapfel	Graz University of Technology	Austria	Rejected

3900	Capacity Building in Built Environment Sustainability Research (CAPABLE)	Energy, Sustainability and Climate Change	Prof. Bakul Rao	Indian Institute of Technology Bombay	Dr. Rajakaruna Manewa	Liverpool John Moores University, UK	United Kingdom	Accepted
3901	Equitable Healthcare Training: Fostering Inclusiveness and Cultural Competence for Health Professionals Serving People with Intellectual and Multiple Disabilities	Healthcare & MedTech	Prof. John M Solomon	Manipal Academy of Higher Education	Dr. Joanne (Jo) Watson	DEAKIN UNIVERSITY	Australia	Rejected
3902	Fatigue Monitoring of Construction Workers	Smart Cities & Mobility	Prof. Sahil Garg	Indian Institute of Technology Delhi	Prof. Denny Yu	PURDUE UNIVERSITY	United States of America	Rejected
3903	Developing Human Bone mimetic 3D Bio-printed Organoid Models for Drug / Toxicology Screening: Characterizing it with Advanced Imaging	Healthcare & MedTech	Dr. Shivendu Ranjan	Indian Institute of Technology Kharagpur	Prof. Ishan Barman	JOHNS HOPKINS UNIVERSITY	United States of America	Accepted

3904	Synthesis of QDs-Porphyrin conjugates as theranostic agents via synergetic therapeutic effect	Healthcare & MedTech	Prof. Sabu Thomas	Mahatma Gandhi University	Prof. Samuel Oluwatobi Oluwafemi	University of Johannesburg	South Africa	Rejected
3906	BIOSMART: Development of Full Body Biometrics and Anomaly Detection Techniques for Secure Smart City Scenarios	Smart Cities & Mobility	Dr. Vivek Kanhangad	Indian Institute of Technology Indore	Prof. Raghavendra Ramachandra	NORWEGIAN UNIVERSITY OF SCIENCE AND TECHNOLOGY	Norway	Rejected
3907	Engineering floral architecture of wheat using modern molecular tools (CRISPR and RNAi) to increase grain number	Agri & Food Technologies	Prof. Gajanan Balasaheb Zore	Central University of Rajasthan	Prof. Kulvinder Singh Gill	WASHINGTON STATE UNIVERSITY	United States of America	Rejected

3908	Biofortification for provitamin D3 in tomato through CRISPR-Cas based Genome Editing	Agri & Food Technologies	Dr. Amar A Sakure	Anand Agricultural University	Dr. Alexie Papanicolaou	WESTERN SYDNEY UNIVERSITY	Australia	Rejected
3909	Empowering Resilient Smart Transportation: Renewable Energy Converter Integration, and Reliability Enhancement through Health Monitoring in Market Dynamics	Energy, Sustainability and Climate Change	Dr. Rajini V	Sri Sivasubramaniya Nadar College of Engineering	Prof. Saad Mekhilef	SWINBURNE UNIVERSITY OF TECHNOLOGY	Australia	Rejected
3910	A NIDS Framework Leveraging Artificial Intelligence to Enhance Efficacy and Efficiency in Detecting Rare Class Network Intrusions	Advanced Computing (Supercomputing, AI, Quantum Computing)	Dr. Syed Ibrahim S P	Vellore Institute of Technology	Dr. Vijay Varadharajan	UNIVERSITY OF NEWCASTLE	Australia	Rejected
3911	Computer-aided Diagnosis of Lung Cancer from CT Images in Indian Clinical Setup	Healthcare & MedTech	Prof. Sudipta Mukhopadhyay	Indian Institute of Technology Kharagpur	Prof. Orrjan Smedby	KTH, ROYAL INSTITUTE OF TECHNOLOGY	Sweden	Rejected

3912	A smart city geospatial data catalogue representing complex urban mobility challenges in India	Advanced Computing (Supercomputing, AI, Quantum Computing)	Dr. Nand Kumar	Malaviya National Institute of Technology	Dr. Kandt Jens	UCL (UNIVERSITY COLLEGE LONDON)	United Kingdom	Accepted
3913	Integrating Mobile and Fixed IoT Sensors for Comprehensive Traffic and Environmental Monitoring: Smart City Approach	Smart Cities & Mobility	Dr. Bhavna Shrivastava	Malaviya National Institute of Technology	Dr. Subhas Chandra Mukhopadhyay	MACQUARIE UNIVERSITY	Australia	Rejected
3914	Privacy enabled data management for zero touch network management	Next-Gen Communications	Dr. Pradumn Kumar Pandey	Indian Institute of Technology Roorkee	Prof. An Braeken	VRIJE UNIVERSITEIT BRUSSEL (VUB)	Belgium	Accepted
3915	Additive Manufacturing of Advanced Ceramics for Demanding Applications	Advanced Materials, Rare-earth & Critical Minerals	Dr. Koushik Biswas	Indian Institute of Technology Kharagpur	Prof. Bala Vaidhyanathan	LOUGHBOROUGH UNIVERSITY	United Kingdom	Rejected

3916	Phytoremediation Potential and Identification of salt tolerant genes from salt loving plant (Suaeda sp.)	Energy, Sustainability and Climate Change	Dr. Nita 8130283959 Lakra	Chaudhary Charan Singh Haryana Agricultural University	Prof. Prof. Kadambot H.M. Siddique AM	THE UNIVERSITY OF WESTERN AUSTRALIA (UWA)	Australia	Rejected
3917	An Automated XAI-Guided Framework for Rapid and Explainable Designing of Efficient Edge/IoT Systems	Advanced Computing (Supercomputing, AI, Quantum Computing)	Prof. Hafizur Rahaman	Indian Institute of Engineering Science and Technology, Shibpur	Prof. Swarup Bhunia	UNIVERSITY OF FLORIDA	United States of America	Accepted
3918	Tunable One-Dimensional Molecular Ribbons and Two-Dimensional Conjugated Organic Frameworks as Advanced Organic Semiconductors	Semiconductors	Prof. BASKER SUNDARARAJU	Indian Institute of Technology Kanpur	Dr. Ashok Keerthi	THE UNIVERSITY OF MANCHESTER	United Kingdom	Accepted
3919	Precision Weed Management in Indian Cereal Crops using Deep Learning-based Image Classification	Agri & Food Technologies	Dr. Anil Panwar	Chaudhary Charan Singh Haryana Agricultural University	Dr. Naveen Duhan	South Dakota State University	United States of America	Rejected

3920	Algorithmic Fairness in Graph Data Mining	Advanced Computing (Supercomputing, AI, Quantum Computing)	Dr. Pradumn Kumar Pandey	Indian Institute of Technology Roorkee	Dr. Frank W. Takes	LEIDEN UNIVERSITY	Netherlands	Rejected
3921	Utilization of polyurethane waste for modifying the viscoelastic property of thermoplastic 3D printer filament for high impact applications	Energy, Sustainability and Climate Change	Prof. Sabu Thomas	Mahatma Gandhi University	Dr. Nisa V. Salim	SWINBURNE UNIVERSITY OF TECHNOLOGY	Australia	Rejected
3922	Coastal vulnerability assessment along the east coast of India in a climate change scenario	Disaster Management & Resilient Infrastructure	Dr. Mihir Kumar Dash	Indian Institute of Technology Kharagpur	Prof. Swadhin Kumar Behera	Application Laboratory	Japan	Rejected
3923	Crowd Management and Humanitarian Operations in mega religious gatherings (Kumbh mela): A Surveillance-based approach to mitigate risks	Disaster Management & Resilient Infrastructure	Dr. Chandra Kant Upadhyay	Symbiosis International	Prof. Mark Stevenson	LANCASTER UNIVERSITY	United Kingdom	Rejected

3924	Enhancing Senior Citizens' Well-Being through Innovative AI-Driven Elderly-Care Solutions (EldCARE-AI)	Healthcare & MedTech	Dr. Sanjiwani Jayant Kumar	K. J. Somaiya Institute of Management Studies & Research	Dr. Pantea Foroudi	BRUNEL UNIVERSITY	United Kingdom	Rejected
3925	Plasma-Modified Materials and Composites for Biomedical Applications	Healthcare & MedTech	Prof. Sabu Thomas	Mahatma Gandhi University	Prof. Mohan Jacob	JAMES COOK UNIVERSITY (JCU)	Australia	Rejected
3926	Study and Feasibility Analysis of Mix-Energy Source Multifunctional EV Chargers with Ancillary Services, Optimal Station Allocation, and their Impact on Grid	Smart Cities & Mobility	Dr. Ankit Dubey	Indian Institute of Technology Jammu	Prof. KASHEM MUTTAQI	UNIVERSITY OF WOLLONGONG	Australia	Rejected
3927	Decentralized learning and decision-making	Advanced Computing (Supercomputing, AI, Quantum Computing)	Prof. Parimal Parag	Indian Institute of Science	Prof. Ayalvadi Ganesh	UNIVERSITY OF BRISTOL	United Kingdom	Accepted

3929	Leveraging Digital Technologies to support marginalised farmers: An ecosystem approach	Agri & Food Technologies	Prof. Pradeep Kumar Hota	Indian Institute of Management Udaipur	Prof. Babita Bhatt	AUSTRALIAN NATIONAL UNIVERSITY (ANU)	Australia	Rejected
3930	Enabling Technologies for Smart Transportation Systems using Integrated Framework of Electric Vehicle Power Train and Automated Navigation	Smart Cities & Mobility	Dr. AFTAB ALAM	Birla Institute of Technology	Prof. Narayan Kar	University of Windsor	Canada	Rejected
3931	Development of Recycled Carbon Fiber Epoxy Composite for Lightweight and Sustainable Transportation	Manufacturing & Industry 4.0	Prof. Sabu Thomas	Mahatma Gandhi University	Prof. Srikanth Pilla	UNIVERSITY OF DELAWARE	United States of America	Rejected
3932	Adoption of Electric Mobility in India: Exploring Barriers and Future Prospects	Smart Cities & Mobility	Dr. Krishna Muniyoor	Birla Institute of Technology & Science	Prof. Ayyoob Sharifi	HIROSHIMA UNIVERSITY	Japan	Rejected

3935	AI Based Predictive Maintenance for Solar PV System Towards Sustainable Tomorrow	Advanced Computing (Supercomputing, AI, Quantum Computing)	Dr. Bagyaveereswaran V	Vellore Institute of Technology	Dr. Nazmi Sellami	Edinburgh Napier University	United Kingdom	Rejected
3936	Resource Adequacy estimation and provision of virtual inertia in IBR integrated bulk power system	Energy, Sustainability and Climate Change	Dr. Deepak M	National Institute of Technology Calicut	Dr. Lasantha Meegahapola	RMIT UNIVERSITY	Australia	Rejected
3937	Targeting Protein (Crystallins) Aggregation for Delaying / inhibiting Cataract formation	Healthcare & MedTech	Dr. Jay Kant Yadav	Central University of Rajasthan	Prof. Daniel Segal	TEL AVIV UNIVERSITY	Israel	Rejected
3938	Humanization of Health Care Data System For Enhanced Comprehension	Healthcare & MedTech	Dr. Prabir Mukhopadhyay	Pandit Dwarka Prasad Mishra Indian Institute of Information Technology, Design and Manufacturing (IITDM), Jabalpur	Prof. Rupesh Vyas	AALTO UNIVERSITY	Finland	Rejected

3941	Synergizing Excellence: Fostering a Bilateral Critical Minerals Research Hub between India and Australia	Advanced Materials, Rare-earth & Critical Minerals	Prof. B S Murty	Indian Institute of Technology Hyderabad	Prof. Mohan Yellishetty	MONASH UNIVERSITY	Australia	Accepted
3942	Multivariable robust control system design for Complex industrial mechatronic systems	Energy, Sustainability and Climate Change	Dr. Jeyasenthil R	National Institute of Technology Warangal	Prof. Edward Boje	UNIVERSITY OF CAPE TOWN	South Africa	Rejected
3943	"Immunosculpt: Advancing Allergy and Asthma Care through training programme in Allergy, Asthma, and Immunology"	Healthcare & MedTech	Prof. Meenu Singh	All India Institute of Medical Sciences Rishikesh	Dr. Pudupakkam K Vedanthan	University of Colorado, USA	United States of America	Rejected
3944	Global Insights, Local Impact: Enhancing Sustainability in Indian MSME Supply Chains through Experiential Lessons from Canada	Manufacturing & Industry 4.0	Dr. Monika Aggarwal	Panjab University	Prof. Srimantoora o S. Appadoo Appadoo	University of Manitoba (Fort Garry Campus)	Canada	Rejected

3945	Quantum Computation and Artificial Intelligence in the Quest of Fundamental Research	Advanced Computing (Supercomputing, AI, Quantum Computing)	Prof. Prasanta Kumar Das	Birla Institute of Technology & Science	Prof. Bhupal Dev	WASHINGTON UNIVERSITY IN ST. LOUIS	United States of America	Rejected
3946	Integrated Land Use Transport Planning for sustainable city Development	Energy, Sustainability and Climate Change	Dr. Gunasekaran Karuppanan	Anna University	Dr. Aruna Sivakumar	IMPERIAL COLLEGE LONDON	United Kingdom	Rejected
3947	Technology and Policy Pathways to Sustainability: Water, Energy, and Climate Nexus	Energy, Sustainability and Climate Change	Prof. Narayanan Chitrlekha Natarajan	Indian Institute of Technology Bombay	Prof. MIRANDA A. SCHREURS	TECHNICAL UNIVERSITY OF MUNICH	Germany	Rejected
3948	Development of functional materials for medicine based on bacterial exopolysaccharides	Healthcare & MedTech	Prof. Sabu Thomas	Mahatma Gandhi University	Prof. Revin Victor Vasilievich	National Research Mordovia State University	Russia	Rejected

3949	Design and synthesis of podophyllotoxin based novel heterocyclic hybrid molecules through modification at 4th stereogenic carbon in ring C and ring D as potential Tubulin inhibitory agents	Healthcare & MedTech	Dr. Santhosh Penta	National Institute of Technology Warangal	Prof. Kwang Pyo Kim	KYUNG HEE UNIVERSITY	South Korea	Rejected
3950	The Effects of Digital Mediation of Urban Labour Markets: Insights from the New Gig Economies in India	Smart Cities & Mobility	Dr. Debdulal Saha	Indian Institute of Science Education & Research Mohali	Dr. Jonathan S. Anjaria	BRANDEIS UNIVERSITY	United States of America	Accepted
3951	South Asia in the time of the Anthropocene: Anthropological Perspectives	Energy, Sustainability and Climate Change	Dr. Haripriya Narasimhan	Indian Institute of Technology Hyderabad	Dr. Sirpa Tenhunen	University of Jyvaskyla	Finland	Rejected
3952	Processing of Hybrid Composites using microwave-initiated growth of carbon nanotubes on laser-textured carbon fabrics	Advanced Materials, Rare-earth & Critical Minerals	Dr. Vijay Choyal	National Institute of Technology Warangal	Dr. Suhasini Gururaja	Auburn University	United States of America	Rejected

3953	Development of UG/PG research themes in Energy and Sustainability within Renewable Energy Taught Courses in India and UK	Energy, Sustainability and Climate Change	Prof. MAHENDIRAN RAMASAMY	Tamil Nadu Agricultural University	Prof. SENTHILARA SU SUNDARAM	TEESSIDE UNIVERSITY	United Kingdom	Accepted
3954	Development of amorphous silicon flexible alpha radiation detectors for nuclear decommissioning	Semiconductors	Prof. Rajiv Dusane	Indian Institute of Technology Bombay	Prof. Samadhan Patil	UNIVERSITY OF YORK	United Kingdom	Rejected
3955	Tailoring the Interphase of Epoxy/ Polydimethylsiloxane Blends by Carboxyl Terminated Polydimethylsiloxane Modified Graphene and TiO ₂ Nanotubes for Coating Applications	Advanced Materials, Rare-earth & Critical Minerals	Prof. Sabu Thomas	Mahatma Gandhi University	Prof. Kheng Lim Goh	NEWCASTLE UNIVERSITY	Singapore	Rejected

3956	Biohydrogen and biomethane production in two stage anaerobic digestion for a sustainable circular bioeconomy	Energy, Sustainability and Climate Change	Dr. Mohanakrishnan Logan	Indian Institute of Technology Madras	Prof. Piet N. L. Lens	IHE Delft Institute for Water Education	Netherlands	Rejected
3958	Future of Work and Smart Sustainable Cities: Navigating the Convergence of Emerging Technologies, New-age Skills, and Smart Cities	Smart Cities & Mobility	Prof. Abhishek Samantray	Indian Institute of Technology Roorkee	Prof. Christos Andreas Aristoteles Makridis	ARIZONA STATE UNIVERSITY	United States of America	Rejected
3960	Development of arsenic free rice by modulation of aquaporin genes	Agri & Food Technologies	Prof. Kundan Kumar	Birla Institute of Technology & Science	Prof. Om Parkash Dhankher	UNIVERSITY OF MASSACHUSETTS, AMHERST	United States of America	Rejected
3961	Sustainable Adoption of Generic Drugs in Indian Population: Investigation of Mass Perception, Social Determinants, and Market Mechanisms	Healthcare & MedTech	Prof. Abhishek Samantray	Indian Institute of Technology Roorkee	Prof. Paolo Pin	University of Siena	Italy	Rejected

3962	Enhancing Urban Mobility through Smart Integration of Freight and Passenger Transportation Systems	Smart Cities & Mobility	Prof. K Ramachandra Rao	Indian Institute of Technology Delhi	Prof. Jose Holguin-Veras	RENSELAER POLYTECHNIC INSTITUTE	United States of America	Rejected
3963	Bridging the Divide: Metaverse-Based Cyber Awareness for Next-Gen CNI Communication	Next-Gen Communications	Dr. VARALAKSHMI Perumal	Anna University	Dr. Anna Piazza	University of Greenwich	United Kingdom	Rejected
3965	Navigating Inclusive Healthcare Access and Mobility for Older Adults in South Indian Smart Cities	Smart Cities & Mobility	Dr. Mohammed Firoz C	National Institute of Technology Calicut	Dr. Dea van Lierop	UTRECHT UNIVERSITY	Netherlands	Rejected
3966	Time-Dependent Seismic Performance, Risk and Loss Assessment of Multistorey Buildings with RC Shear Walls Under Mainshock-Aftershock Sequences	Disaster Management & Resilient Infrastructure	Dr. Kaustubh Dasgupta	Indian Institute of Technology Guwahati	Prof. Luigi Di Sarno	University of Naples Federico II	Italy	Accepted

3967	Advancing Quantum Computing through Photonic Qubit Experiments and Algorithm Optimization	Advanced Computing (Supercomputing, AI, Quantum Computing)	Dr. Rik Chattopadhyay	Indian Institute of Engineering Science and Technology, Shibpur	Prof. Manas Mukherjee	Institute of Materials Research and Engineering, A*STAR	Singapore	Rejected
3968	Learnings from Global and Indian Knowledge System for the contemporary sustainable entrepreneurs: Building a conceptual model and Indian Sustainability Index for the future generations	Energy, Sustainability and Climate Change	Dr. Nidhi	Maharshi Dayanand University	Dr. Sarvjeet Kaur Chatrath	University of Canberra 421	Australia	Rejected
3969	Response surface methodology-based optimization to choose better nanofluids for solar energy applications	Energy, Sustainability and Climate Change	Dr. Sivaraj R	Dr. B.R.Ambedkar National Institute of Technology Jalandhar	Prof. Lamberto Rondoni	POLITECNICO DI TORINO	Italy	Rejected

3970	Smart Learning given Small & Noisy, Inhomogeneously-Correlated Data, and an Oncological Application	Advanced Computing (Supercomputing, AI, Quantum Computing)	Prof. Chiranjib Bhattacharyya	Indian Institute of Science	Prof. Dalia Chakrabarty	BRUNEL UNIVERSITY	United Kingdom	Rejected
3971	Inclusive Healthcare AI: Promoting Equity and Fairness	Healthcare & MedTech	Dr. Deivalakshmi S	National Institute of Technology Tiruchirappalli	Dr. Lakshman Tamil	The University of Texas at Dallas	United States of America	Rejected
3972	Point-of-care Optical fiber-probe-based autofluorescence system for renal cancer detection and sub-type identification	Healthcare & MedTech	Prof. Santhosh Chidangil	Manipal Academy of Higher Education	Prof. Ammasi Periasamy	UNIVERSITY OF VIRGINIA	United States of America	Rejected
3973	Joint Base Station Antenna Design for Integrated Communication and Sensing	Next-Gen Communications	Dr. Ramesh Patel	Indian Institute of Technology Tirupati	Dr. Ashraf Uz Zaman	CHALMERS UNIVERSITY OF TECHNOLOGY	Sweden	Rejected
3974	Navigating Inclusive Healthcare Access and Mobility for Older Adults in South Indian Smart Cities	Smart Cities & Mobility	Dr. Mohammed Firoz C	National Institute of Technology Calicut	Dr. Dea van Lierop	UTRECHT UNIVERSITY	Netherlands	Rejected

3975	Perovskite Inspired Chalcogenide Semiconductors for Efficient Optoelectronics	Semiconductors	Dr. Aditya Sadhanala	Indian Institute of Science	Prof. Robert Hoye	UNIVERSITY OF OXFORD	United Kingdom	Accepted
3976	Coordinated numerical-experimental evaluation of shark-skin-inspired surfaces for enhanced aerodynamic performance at intermediate Reynolds numbers	Energy, Sustainability and Climate Change	Dr. Prasanth Anand Kumar Lam	National Institute of Technology Warangal	Prof. Gokul Pathikonda	ARIZONA STATE UNIVERSITY	United States of America	Rejected
3977	Fabrication of Next-Generation Micro-Textured Airfoil Surfaces through Electric Discharge Machining for Enhanced Aerodynamic Performance of Unmanned Ariel Vehicles	Manufacturing & Industry 4.0	Dr. Gangadharudu Talla	National Institute of Technology Warangal	Prof. KAMLAKAR P RAJURKAR	University of Nebraska - Lincoln	United States of America	Rejected

3978	Integrated Land Use Transport Planning for sustainable city Development	Energy, Sustainability and Climate Change	Dr. Gunasekaran Karuppanan	Anna University	Dr. Aruna Sivakumar	IMPERIAL COLLEGE LONDON	United Kingdom	Rejected
3980	Studies on optimization of critical-mineral ore fragment size through suitable blasting method for sustainable and energy efficient processing	Advanced Materials, Rare-earth & Critical Minerals	Prof. Debashish Chakravarty	Indian Institute of Technology Kharagpur	Dr. Apurna Ghosh	CURTIN UNIVERSITY	Australia	Rejected
3981	Achieving sustainable development goals by handling food waste and security leveraging smart farming practices and Industry 5.0 technologies	Agri & Food Technologies	Prof. Arshinder Kaur	Indian Institute of Technology Madras	Prof. Kannan Govindan	THE UNIVERSITY OF ADELAIDE	Australia	Rejected