

PROJECT ID	PROJECT TITLE
HSS1008 (8)	Working and prospective memory in the performance of young and old drivers
HSS1065 (8)	Examining disparity in health outcomes within the socioeconomically weaker sections in India
HSS1082	Effect of sleep deprivation on decision making and vigilance among night shift workers
ID00687 (8)	Sustainable design solutions for Agriculture practices in India
ID00714 (8)	Accessibility solutions for healthcare emergencies for rural areas
ID00715 (8)	Emergency response mobility system for fire fighting in high density city situations
ID00945 (8)	Bicycle logistics and mobility in India and Australia
ID01042 (8)	Design Thinking for Self-Help Groups
ID01043 (8)	Design interventions in farm equipments for Indian small farmers
ID01057 (8)	Developing empathy tools for age-friendly cities
ID01099 (8)	A framework to build collaborative methodologies for promoting organic farming by use of innovative implements and products.
IMURA0683 (5)	CO ₂ enhanced geothermal systems: THMC investigation
IMURA0704 (3)	Model and simulation development for two-wheelers traffic
IMURA0764 (8)	Optimisation of Closed-Loop Supply Chains under Uncertainty
IMURA0816 (5)	Optimal wellbore configuration for gas hydrate reservoir systems
IMURA0832 (2)	Ultrafast dynamics in assemblies of nanomaterials
IMURA0901 (6)	Simulating polymer dynamics in a crowded nucleus
IMURA0906 (3)	Assessment of circular economy adoption for global sustainability
IMURA0912 (2)	Development of porous polymers as scaffolds for sodium ion- and potassium-ion supercapacitors
IMURA0916 (5)	Crustal evolution of the Archean basement and associated Proterozoic supracrustal rocks in the Aravalli Craton (NW India): Insights from the Bhilwara-Nadhara transect.
IMURA0935 (3)	Fatigue Characteristics of Friction Stir Processed Magnesium Alloy
IMURA0937 (5)	Passive Microwave Remote Sensing of Soil Moisture and Vegetation
IMURA0967 (4)	Collaborative IoT for Connected Autonomous Systems

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IMURA0970 (1)	Experimental and modeling studies of 2D/2D layered semiconductor heterointerfaces
IMURA0974 (3)	Development of drug eluting intelligent coating on medical stents
IMURA0980 (5)	Reconstruction of past glacier change in Ladakh Himalayas and future projections based on climate change scenario
IMURA1001 (5)	Modelling heterogeneous non-lane based traffic flow: microscopic vs macroscopic approach
IMURA1002 (8)	Data driven decision making for sustainable supply chains and circular economy
IMURA1003 (3)	Reasoning about Resource-Bounded Multi-Agent Systems
IMURA1006 (1)	Modelling of Mechanics of Sliding in Biological Soft Tissues
IMURA1010 (4)	Reliable Deep Learning and Statistical Inference for Medical Image Analysis
IMURA1013 (1)	Spin orbit torques using 2D materials and heterostructures
IMURA1015 (4)	Data driven model for real-time OD predictions
IMURA1016 (4)	Data driven model for real-time overall networkwide predictions
IMURA1023 (1)	Structure-function relationship in Non-fullerene based Organic Solar Cells
IMURA1035 (4)	Automated Verification of Achievable Properties in Mechanism Design
IMURA1036 (5)	Regionalizing Sustainable Development Goals related to water, food, and energy
IMURA1037 (5)	Adaptive planning under deep uncertainty for large scale water infrastructure projects
IMURA1040 (2)	Grid-Forming Inverter-Based EV charging control for Enabling Power System Transition and Decarbonisation
IMURA1041 (2)	A safe and stable electrolyte system for high-energy aqueous rechargeable Zinc-manganese dioxide (Zn-MnO ₂) batteries for cost-effective energy storage
IMURA1044 (2)	Investigating the transition and bottlenecks for sustainable H ₂ adoption from global and regional perspective
IMURA1045 (1)	Slip transfer and strain localisation in Superalloys
IMURA1046 (1)	Influence of 2D Layered Nanomaterials on the Morphology, Rheology, Mechanical and Piezoelectric Properties of Poly (vinylidene fluoride) Nanocomposites
IMURA1049 (3)	Evaluating elevated temperature mechanical properties of Additively manufactured materials
IMURA1051 (3)	Mathematical and Numerical Analysis of problems in collisional kinetic theory

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IMURA1052 (1)	Role of local order in the mechanical properties of disordered, anisotropic colloidal particle assemblies and nanocomposites
IMURA1054 (1)	Investigating hierarchical microstructure processing and the effect on mechanical properties of such additively manufactured metallic materials
IMURA1057 (6)	DUAL FUNCTION OF MOTOR PROTEINS AT MEMBRANE CONTACT SITES
IMURA1058 (4)	Physiotherapy-Assisting mmWave Radar Technology
IMURA1061 (5)	Storage site characterization and development in CO ₂ enhanced oil recovery
IMURA1062 (5)	Geomechanical risk assessment and management in CO ₂ enhanced oil recovery
IMURA1063 (2)	Solar modules - Life after Death
IMURA1064 (1)	`Layered? transition metal oxide cathode material for Na-ion batteries: from fundamentals to prototype development
IMURA1066 (1)	Crystal Plasticity Modeling of Mg
IMURA1067 (6)	Fracture studies of Mg and Zn based biomedical alloys under dynamic and static loadings in a physiological environment
IMURA1068 (1)	Machine learning based correlations for corrosion driven degradation
IMURA1069 (8)	Essays on Sovereign Green Bond Markets: An Emerging Markets Study
IMURA1070 (3)	Multi-material 3D printing of biodegradable smart materials
IMURA1073 (8)	Circular economy in the context of food supply chains
IMURA1074 (5)	Floods in a changing climate: attribution of hazard, vulnerability and impact
IMURA1075 (3)	Simulation of strongly viscoelastic flows with shock-capturing Galerkin methods
IMURA1076 (6)	Rheological design of biopolymeric food thickeners to make swallowing easier
IMURA1077 (4)	Smart Head Impact Monitoring in Non-helmeted Sports
IMURA1078 (5)	Dynamically penetrating anchors for deepwater floating structures
IMURA1079 (2)	A combined density functional theory and experimental investigation of carbon dioxide conversion to hydrocarbons on Molybdenum carbide-based catalysts
IMURA1080 (1)	Off-shore Green Energy Platforms: Understanding and Mitigation of Microbiologically Influenced Corrosion
IMURA1081 (4)	Self-supervised approaches for dense prediction tasks from images under limited supervision
IMURA1083 (6)	Insights into giant virus biology and host interactions

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IMURA1084 (6)	Development of Biobased Active Packaging Cling film for Meat
IMURA1085 (2)	Study of photocatalytic properties of ferroelectric films by scanning electrochemical cell microscopy
IMURA1086 (4)	Cyberattack-resilient Operation and Control of Demand Response and Electric Vehicle Aggregators for Future Power Systems
IMURA1087 (3)	Theoretical and numerical analysis of multiphysics problems in thin structures
IMURA1088 (5)	The thermodynamics of global monsoons
IMURA1089 (5)	Severe thunderstorms in the tropics and subtropics
IMURA1090 (1)	Study of Inflatable Wings for UAVs
IMURA1091 (2)	Development of photothermal catalysts for sustainable carbon dioxide conversion using solar energy.
IMURA1092 (2)	Development of single atom catalysts for applications in storage of green hydrogen in the form of liquid hydrogen carriers.
IMURA1093 (2)	Protection of Power System with 100% Inverter-Based Resources
IMURA1094 (4)	Accelerating smart building solutions with enhanced data analytics and optimization
IMURA1095 (2)	Techno-economic modelling of green steel production
IMURA1096 (4)	Scalable Algorithms for Structured Optimization Problems
IMURA1097 (6)	Novel drug targets for Tuberculosis with Phage therapy
IMURA1098 (6)	Causal role of functional brain networks underlying cognitive flexibility
IMURA1100 (4)	Prompt Learning and Data Efficient Machine Learning for Fine-grained and Long-tail Dataset
IMURA1101 (4)	Wireless Orthopedic Pin for Bone Healing and Growth
IMURA1102 (2)	Design and Development of Novel Control Schemes for Stable Grid-Forming Operation of Type-4 Wind Farms
IMURA1103 (2)	Development of Novel Power Converter Topology and Control for Hydrogen Electrolysis Applications
IMURA1104 (6)	Amyloid formation in frog peptides: Critical role of early-stage stabilisation of secondary structure
IMURA1105 (4)	Low Resource Machine Translation
IMURA1107 (1)	Fabrication of micro and nanostructures for mesenchymal stromal cell studies
IMURA1108 (1)	Fabrication of 3D curved micro and nanostructures for microfluidic applications

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IMURA1109 (5)	Integrated study of landslide using ambient seismic noise continuous monitoring, remote sensing and geomechanical methods
IMURA1110 (1)	Developing next-generation of high-performance aluminium alloys for additive manufacturing
IMURA1111 (6)	Smart plant protein production via upcycling of side streams of the food industry and underutilized crops
IMURA1112 (5)	Coupled surface-solid earth processes control on topography evolution
IMURA1113 (2)	Development of machine learning methods for the analysis of photovoltaic powerplant data for extraction of soiling losses and degradation rates
IMURA1114 (2)	Assessment of Hydrogen Generation Technologies in India: Implications for Energy Transition