

Project ID	Title
HSS0504 (8)	Migration, Minority, Memory
HSS0635 (8)	Cognition and Mind in Indian and Western Traditions
HSS0754 (8)	Sustaining Democracies
HSS0763 (8)	Representative democracy in India: The making, breaking and fulfilment of campaign promises
HSS0770 (8)	The value, implementation and uptake of distributed generation solutions in light of poor quality grid supply in low usage rural areas: the impact of technical, political and social factors
HSS0771 (8)	India's Renewable Energy Policy
HSS0818 (8)	Where does the shoe pinch - mapping the contours of child malnutrition to plan its elimination
IMURA0369 (2)	The Chemistry of Lanthanum/Nickel Alloy
IMURA0407 (4)	Scaling up Relation Extraction through Distant Supervision to millions of entities and relations
IMURA0408 (4)	Active learning on graphical models (applied to Information Extraction)
IMURA0485 (5)	Modelling geophysical signatures for rift tectonics and basin formation in the northern Red Sea conjugate margins through structure and rheology
IMURA0495 (4)	Codes for distributed storage
IMURA0496 (4)	Coding techniques for 5G wireless communications
IMURA0614 (1)	Hydrogen Induced Degradation in Austenitic Stainless Steels: A Microstructural Perspective
IMURA0632 (2)	Directing group assisted alkane synthesis leading to liquid fuel formation
IMURA0640 (1)	Role of layered 2D layered materials (graphene, MoS <sub>2</sub> ) and shape memory alloy as buffer interlayers for improving cyclic stability of electrode materials for Li and Na-ion batteries
IMURA0644 (1)	Two-dimensional metal-organic nano-materials for transistor-based sensors
IMURA0663 (7)	Design of integrated RF front-ends with an increased robustness to parasitic signal feed through
IMURA0664 (5)	Performance Evaluation of Corrosion Degraded RCC Structure Using Acoustic Emission and Tomography
IMURA0683 (5)	CO <sub>2</sub> enhanced geothermal systems: THMC investigation
IMURA0691 (5)	Evaluating effects of milled asphalt pavement (MAP) materials on mechanical performances of asphalt mixes
IMURA0693 (7)	Wireline Integrated High-Speed Transceivers with Increased Robustness to Electromagnetic Interference
IMURA0695 (2)	Synthesis of biologically relevant heterocycles via Aliphatic C-H Activation

IMURA0698 (4)	A unified healthcare system for monitoring patients vital parameters in hospitals
IMURA0706 (4)	Rail-robots for railway tracks routine inspection ☐ Novel re-configurable mechanism Design
IMURA0710 (2)	Issues facing large scale deployment of solar energy in India
IMURA0719 (2)	Designing palladium based N☐heterocyclic carbene complexes for anticancer application
IMURA0725 (5)	Improved techniques for high resolution urban flood modelling
IMURA0733 (3)	Modeling and simulations of propulsion and swimming in microorganisms
IMURA0734 (1)	Development of Stimuli Responsive Materials for Energy Applications
IMURA0735 (1)	Nanoindentation studies of 3D printed High Entropy Alloys
IMURA0737 (4)	Impact and implication of Connected and Autonomous Vehicles
IMURA0738 (7)	Antennas for TV White Space Band For High Speed WiFi
IMURA0739 (4)	Machine Learning for Next-Generation Wireless Networks
IMURA0748 (1)	Development of plasmonic metamaterials substrates for SERS application
IMURA0750 (1)	Microfluidic route to generation of core-shell fibers for drug delivery
IMURA0753 (2)	Electrodeposition of graphene for the enhancement of electrode devices
IMURA0755 (2)	Design, Synthesis and Application of Fluorescent Polymers via Continuous Flow
IMURA0756 (7)	Design of integrated RF front-ends with an increased robustness to parasitic signal feedthrough
IMURA0757 (1)	Understanding the integrity/stability of ☐alloying reaction☐ based anode materials for Na-ion batteries via in-situ investigations and mathematical modelling
IMURA0760 (5)	Driver Performance Based Safety Evaluation of Highway Geometry
IMURA0761 (4)	Representation Learning of Domain-specific Graphs
IMURA0764 (8)	Optimisation of Closed-Loop Supply Chains under Uncertainty
IMURA0767 (1)	Wear, corrosion and oxidation behaviour of electrodeposited multi-layered Fe-Ni and compositionally graded Fe-Al coatings
IMURA0769 (5)	Understanding water-energy interactions and hydrologic partitioning in natural river basins
IMURA0773 (5)	Diesel particulate matter around mining: Exposure characterization and risk assessment

IMURA0774 (7)	Secure and Stable Grid Integration of large-scale Solar PV power
IMURA0775 (1)	Graphene & ultrasound based combinatorial approach for water purification
IMURA0776 (1)	Laser patterning & optimization of tunable photonic crystal
IMURA0778 (1)	Hydrogen Embrittlement and Related Crack Nucleation in 7XXX Aluminium Alloys
IMURA0780 (4)	Spoken translation systems for resource scarce languages
IMURA0781 (6)	Amyloid formation in frog peptides: Exploring peptide-lipid interactions
IMURA0782 (2)	Gold Complexes of N-heterocyclic Carbene Ligands Derived from Bicyclic and Tricyclic Rings having Restricted Rotation Along the Bond Containing Chiral Auxiliary in Asymmetric Catalysis
IMURA0783 (2)	Design, Synthesis and Utility of the Nickel Complexes of N/O-functionalized N-heterocyclic Carbene Complexes in Cross-Coupling Reactions and in Enantioselective Cyclopropanation Reactions
IMURA0786 (1)	The Investigation of Damage evolution under rail/wheel contact
IMURA0789 (5)	Petro-Rock physics modelling and inversion of carbonate reservoirs
IMURA0791 (2)	Graphene Coating for Remarkable Corrosion Resistance: Mechanistic Investigation into Degradation and Durability
IMURA0793 (1)	Development of high performance Li-S cell via designing/engineering of cathode and membrane with the use of new and improved nanomaterials
IMURA0794 (8)	Supply Chain Risk Management In Practice: A Behavioral Study of What Is, And What It Is Thought To Be
IMURA0795 (2)	Electrochemical and photoelectrochemical reduction of water and CO <sub>2</sub> to fuels
IMURA0796 (2)	Peptidomimetic Oligoacrylamides Self-Assembly and Application
IMURA0797 (2)	Soluble Polymer Supports for Peptide Synthesis
IMURA0798 (6)	Modelling subdiffusive motion of bacteriophage within mucus
IMURA0799 (3)	Modelling noise sources in supersonic jets
IMURA0800 (7)	Chipscale nano optical sources using 2D materials
IMURA0801 (2)	Fluorescence Sensing of Nitroaromatics & Explosives
IMURA0802 (3)	Simulating megasupramolecules for mist control and drag reduction
IMURA0803 (4)	Constraint Solving for Checking Correctness of SQL Queries
IMURA0804 (2)	Energy Transition in the Indian Economy

IMURA0805 (1)	Designing hydrogen-resistant alloys: Mechanistic evaluation of hydrogen-induced corrosion and cracking in martensitic and precipitation hardened
IMURA0806 (4)	Application of Artificial Intelligence in human genomics
IMURA0807 (1)	Effect of texture on formability of hexagonal metals (Zn and Mg)
IMURA0808 (1)	2D iron for energy storage
IMURA0809 (1)	Stimuli responsive materials for energy storage
IMURA0810 (2)	Glycerol to hydrogen and Chemicals using Chemical Looping
IMURA0811 (1)	2D and 3D patterned surfaces for tip-enhanced raman spectroscopy
IMURA0812 (3)	Numerical analysis of control for plate problems
IMURA0813 (4)	Optimal damage detection in structures through uncertainty quantification
IMURA0814 (1)	Nanomaterials & ecosystems: Potential effect and involved processes
IMURA0815 (5)	Fluid dynamic investigation of gas hydrate bearing sediments.
IMURA0816 (5)	Optimal wellbore configuration for gas hydrate reservoir systems
IMURA0817 (4)	Development of a Robotic Platform for Paediatric Surgery
IMURA0819 (2)	Creating sustainable ecosystem for off-grid energy: solar photovoltaic technologies for attaining and sustaining electricity access
IMURA0820 (2)	Systems modelling and analysis of off-grid technologies for attaining and sustaining electricity access in rural areas
IMURA0821 (3)	Laser Assisted Evaporation for Imaging of Biological Specimens Using Graphene-Enabled Atom Probe Tomography
IMURA0822 (6)	Pectin Based films/gels for antibiotic/antifungal applications
IMURA0823 (6)	Development of green biorefinery technologies from food processing waste
IMURA0824 (4)	Land use mapping from new-generation Earth Observation satellites with weak supervision
IMURA0825 (5)	Effect of global warming on precipitation extremes in India: Adding physics to the analysis
IMURA0826 (8)	Supporting farmers' decision making for resourceful utilization of electricity
IMURA0827 (4)	The Arrow of Sophistication in Biological Self-Organization