

IITB Project Id	Title
HSS0498	Impact of personality traits on driving behaviours among various age groups
HSS0499	Role of working and prospective memory in the performance of young and old drivers
HSS0500	Effect of sleep deprivation on decision making and vigilance among night shift workers
HSS0501	Effect of sleep disruption on cognitive performance and its relevance with biological clock.
HSS0503	Women, Minorities and Access to the City
HSS0504	Migration, Minority, Memory
HSS0507	Women Without Fear: Gender-based Violence, Urban Transport and Public Space in Metropolitan India
HSS0633	Dynamics of Family Change in India
HSS0635 (8)	Cognition and Mind in Indian and Western Traditions
HSS0636 (8)	The economics and ethics of hospital care in India
HSS0709 (8)	Gender, Higher Education and Choice of Disciplines
HSS0754 (8)	Sustaining Democracies
HSS0759 (8)	Narratives of Music and Modernity in 19th Century Colonial Calcutta
HSS0762 (8)	Can unsafe be smart?: Smart city governance and women's safety in Urban India
HSS0763 (8)	Representative democracy in India: The making, breaking and fulfilment of campaign promises
HSS0765 (8)	The interactive effect of cognition, emotion, and motivation on behaviour
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
HSS0772 (8)	Alternative Sexualities, Queer Cultures: Negotiations, Performances, Activisms
ID00686 (8)	Design interventions in farm equipments for Indian small farmers
ID00687 (8)	Sustainable design solutions for Agriculture practices in India
ID00711 (8)	Design of Guidelines and Grammar for Storytelling in Virtual Reality
ID00712 (8)	Design and Assessment of Virtual Environments in Technological Applications
ID00714 (8)	Accessibility solutions for healthcare emergencies for rural areas
ID00715 (8)	Emergency response mobility system for fire fighting in high density city situations
ID00752 (8)	Design Thinking for Self-Help Groups
IMURA0054	Geo-Sequestration of carbon dioxide in coal seams
IMURA0073	To study the effects of mining induced subsidence, changes in deformation of coal and interburden rock strata and water flow
IMURA0075 (5)	Studies on the performance of Geosynthetic Clay Liners of landfill covers subjected to differential settlements
IMURA0111	A study of CO2 sequestration in basalt formation

IMURA0112	Investigation of influence of scale effects of strength and failure modes of deep open cut slopes
IMURA0220	Modelling of Oil Adsorption in porous inorganic salt prills
IMURA0261	Data Mining to Improve Water Management
IMURA0288	Rainfall induced landslides in residual soils
IMURA0336	Geological effects on the propagation of ground vibrations produced by blasting
IMURA0349	Geospatial monitoring of opencast mines? waste dumps to predict the soil erosion rates and evaluate the associated environmental effects
IMURA0369	The Chemistry of Lanthanum/Nickel Alloy
IMURA0372 (2)	Functional Coordination Networks and Cages for Molecular Applications
IMURA0380	Design of energy efficient cryptographic Co-processors.
IMURA0384	Mechanics of Multi-functional Polymer Thin Films
IMURA0386	Chemical and Biological Remediation Methods for Coal Acidic Mine Drainages (CAMDs)
IMURA0389	Steal Functions: Creating Digital Objects With Low Visibility
IMURA0405	Studies on catalyst deactivation during methane conversions
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)
IMURA0410 (4)	Optimization of Closed-Loop Supply Chains in an Uncertain Environment
IMURA0423	Development and Applications of Steady State and Frequency Domain Diffuse Optical Tomography Technique for Deep Tissue Imaging
IMURA0426	Role of textured surfaces in determining flow and heat transfer characteristics of microchannels
IMURA0435 (1)	Atomistic Simulations of Nanoscale Precipitate Interfaces in Structural Materials
IMURA0436 (4)	Supply Chain Risk Management In Practice: A Behavioral Study of What Is, And What It Is Thought To Be
IMURA0446	Distributed coordination algorithms for target identification, localization and tracking with mobile visual sensor networks
IMURA0447	Printed energy storage devices
IMURA0460	Micro Electro Mechanical Sensor (MEMS) for Hydraulics
IMURA0469 (3)	Molecular Simulations of Drug Molecule Orientation in Flow Dichroism
IMURA0472	Particles sorting using fluid-structure interaction: Combined numerical and experimental investigation
IMURA0479	Graphene exfoliation and nanohybrid formation for advanced Li-battery Cathode Material development
IMURA0482	Deterministic Wireless Mesh Systems
IMURA0485 (5)	Modelling geophysical signatures for rift tectonics and basin formation in the northern Red Sea conjugate margins through structure and rheology
IMURA0488 (5)	Hybrid Downscaling of Orographic Precipitation
IMURA0495 (4)	Codes for distributed storage
IMURA0496 (4)	Coding techniques for 5G wireless communications

IMURA0508	Leg-based visual servoing of the MePaM
IMURA0607	Computational Modelling of Multiphase Flow in Coastal and Deep Sea Reservoirs
IMURA0608	Graphene exfoliation and nanohybrid formation for advanced Li-battery Cathode Material development
IMURA0611	Spatio-Temporal Models for Disease Mapping
IMURA0614 (1)	Hydrogen Induced Degradation in Austenitic Stainless Steels: A Microstructural Perspective
IMURA0615 (2)	Design synthesis and application of novel hole transport layers
IMURA0617	Machine learning applications for reliability analysis and life-cycle assessment of highway bridges
IMURA0619 (2)	Design and Synthesis of Library of Small Organic Molecules for Potential treatment of Neuropathic Pain
IMURA0622	Quantum Dot Spin Qubits in Graphene
IMURA0623(a)	Modeling and simulations of the mechanics of collective epithelial cell behavior in healing wounds
IMURA0629	Evaluating surrogate safety on shared space using simulation
IMURA0632 (2)	Directing group assisted alkane synthesis leading to liquid fuel formation
IMURA0639	Multi-robot coordination and motion planning for automatic cleaning of solar photovoltaic panels
IMURA0640 (1)	Role of layered 2D layered materials (graphene, MoS ₂) 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
IMURA0651 (3)	Multi-scale numerical modelling of longwall top coal caving processes
IMURA0652	Geomechanical modelling of flow and deformation in coal measure rocks
IMURA0654	Retrofit assessment for deteriorating highway bridges and impact on seismic fragility
IMURA0655	Design Optimization and Development of Novel Electrostatic Micro-Actuators
IMURA0657	Communication Schemes for Next-Generation Wireless Networks Powered by Wireless Power Transfer
IMURA0658 (8)	THE EFFECTIVE FUNCTIONING OF SERVICE TRIADS IN REGULATED ENVIRONMENTS
IMURA0661 (1)	Characterizing Core-Annular Flow of Emulsions
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
IMURA0671 (3)	Molecular Origins of the Rheological Behaviours of Associative Polymer Solutions
IMURA0676 (5)	Stochastic Resonance Using Data Science Technology to Enhance Weak Ocean Magnetic Signals
IMURA0677 (2)	Heterogeneous catalysis of cyclohexane oxidation
IMURA0681 (5)	Evaluation of adaptation to climate change in coastal cities
IMURA0683 (5)	CO ₂ enhanced geothermal systems: THMC investigation

IMURA0688 (3)	Discretization techniques and numerical analysis of non-linear models in elasticity
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
IMURA0697 (1)	The Investigation of Damage Modes under Transient Rail/Wheel Contact Conditions
IMURA0698 (4)	A unified healthcare system for monitoring patients vital parameters in hospitals
IMURA0700 (2)	Chemical Looping \rightarrow Metal Oxide Development & Hydrodynamics
IMURA0701 (1)	Tactile sensor array for biomedical applications
IMURA0704 (3)	Model and simulation development for two-wheelers traffic
IMURA0706 (4)	Rail-robots for railway tracks routine inspection \rightarrow Novel re-configurable mechanism Design
IMURA0710 (2)	Issues facing large scale deployment of solar energy in India
IMURA0713 (3)	CFD analysis of vortex induced vibration of a cylinder
IMURA0718 (1)	Microstructure-property relationships of conductive polymers and substrates for organic solar cells \rightarrow Experimental characterisation and micromechanics-based modelling.
IMURA0719 (2)	Designing palladium based N \rightarrow heterocyclic carbene complexes for anticancer application
IMURA0725 (5)	Improved techniques for high resolution urban flood modelling
IMURA0726 (5)	Application of model data fusion techniques for natural hazards modelling and analytics in developing countries especially in the Indian Sub-continent.
IMURA0727 (4)	Real-time assessment of road network dynamics due to multiple simultaneous link disruptions
IMURA0732 (5)	The structure, Rheology and Tectonic Evolution of the lithosphere in the northeast Indian Ocean
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
IMURA0747 (2)	Nano-MgMn ₂ O ₄ spinel cathode and ionic liquid compatibility study for Magnesium ion battery development
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
IMURA0757 (1)	Understanding the integrity/stability of \rightarrow alloying reaction \rightarrow based anode materials for Na-ion batteries via in-situ investigations and mathematical modelling
IMURA0758 (5)	Investigation of induced seismicity in CO ₂ enhanced oil recovery

IMURA0760 (5)	Driver Performance Based Safety Evaluation of Highway Geometry
IMURA0761 (4)	Representation Learning of Domain-specific Graphs
IMURA0767 (1)	Wear, corrosion and oxidation behaviour of electrodeposited multi-layered Fe-Ni and compositionally graded Fe-Al coatings
IMURA0768 (4)	Blind Trajectory Calibration in MRI
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
IMURA0777 (5)	Towards Assimilation of SMAP and SMOS soil moisture and brightness temperature into a land surface model
IMURA0778 (1)	Hydrogen Embrittlement and Related Crack Nucleation in 7XXX Aluminium Alloys
IMURA0779 (1)	Tuning the dimensions of 2D materials with nanoscale machining
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
IMURA0784 (6)	Characterizing membrane mimetic biosensors: Towards cell free antibiotic drug screening
IMURA0785 (6)	Role of bacterial sugar-based lipids in mediating membrane-induced cell death.
IMURA0786 (1)	The Investigation of Damage evolution under rail/wheel contact
IMURA0787 (6)	Finding cues for metabolism inside giant virus particles ☐ Are giant viruses ☐alive☐?
IMURA0788 (2)	Chemical looping combustion and gasification of petcoke
IMURA0789 (5)	Petro-Rock physics modelling and inversion of carbonate reservoirs
IMURA0790 (6)	Chromatin as a polyelectrolyte: DNA-bending and 3D organization
IMURA0791 (2)	Graphene Coating for Remarkable Corrosion Resistance: Mechanistic Investigation into Degradation and Durability