

Current Projects available for this Intake December 2017

Project Number	Title	Given Names	Surname
HSS0635 (8)	Cognition and Mind in Indian and Western Traditions	Monima Chadha Sebastian	Monima Chadha C. D.
HSS0641 (8)	EVALUATION OF OUTCOMES AND IMPACTS OF NRHM	Ashish Pushkar Sarthak	Singh Maitra Gaurav
HSS0730 (8)	An Ethnography of Cash Consumption in Urban India	Anush Gary (Innovia) Srinivas	Kapadia Power Sridharan
ID00686 (8)	Design interventions in farm equipments for Indian small farmers	B. K. Robbie Selby Sugandh	Chakravarthy Napper Coxon Malhotra
ID00687 (8)	Sustainable design solutions for Agriculture practices in India	B. K. Robbie Selby Sugandh	Chakravarthy Napper Coxon Malhotra
ID00690 (8)	Digitalore: Sustainable preservation, transmission and transformation of intangible cultural heritage through digital storytelling	Misha Nina	Myers Sabnani
ID00712 (8)	Design and Assessment of Virtual Reality Environments in Mining Applications	Dae Jayesh S. Vikram	Hwang Pillai Vishal
ID00714 (8)	Accessibility solutions for healthcare emergencies for rural areas	Nishant Selby Sugandh	Sharma Coxon Malhotra

ID00715 (8)	Emergency response mobility system for fire fighting in high density city situations	Robbie Selby Sugandh	Napper Coxon Malhotra
IMURA0407 (4)	Scaling up Relation Extraction through Distant Supervision to millions of entities and relations	Ganesh Reza	Ramakrishnan Haffari
IMURA0408 (4)	Active learning on graphical models (applied to Information Extraction)	Ganesh Reza	Ramakrishnan Haffari
IMURA0469 (3)	Molecular Simulations of Drug Molecule Orientation in Flow Dichroism	P. Ravi	Sunthar Jagadeeshan
IMURA0485 (5)	Modelling geophysical signatures for rift tectonics and basin formation in the northern Red Sea conjugate margins through structure and rheology	M Peter	Radhakrishna Betts
IMURA0491 (5)	Structure and Deformation of Lithosphere in the Andaman basin, and relations to Eastern Indian Ocean Subduction Zone and Asian Continental tectonics	Fabio Antonio M	Capitano Radhakrishna
IMURA0493 (2)	Thorium chemistry-----a new Frontier	Balakrishna Glen Victoria	M S Deacon Blair
IMURA0495 (4)	Codes for distributed storage	Bikash Kumar Emanuele Yi	Dey Viterbo Hong
IMURA0496 (4)	Coding techniques for 5G wireless communications	Bikash Kumar Emanuele Yi	Dey Viterbo Hong
IMURA0613 (1)	The relationship between substructure evolution and the nucleation of recrystallization in metals	Christopher Guruprasad	Hutchinson P.J

		I	Samajdar
IMURA0614 (1)	Hydrogen Induced Degradation in Austenitic Stainless Steels: A Microstructural Perspective	Ajay S I Nick Sebastian	Panwar Samajdar Birbillis Thomas
IMURA0640 (1)	Role of layered 2D layered materials (graphene, MoS2) and shape memory alloy as buffer interlayers for improving cyclic stability of electrode materials for Li and Na-ion batteries	Amartya Mohammad Nikhil	Mukhopadhyay Aslam Medhekar
IMURA0659 (2)	Design, Synthesis and Application of Organocatalysts and Hydrogenation Catalysts for Continuous Flow Processes	Anil Neil	Kumar Cameron
IMURA0660 (2)	Design, Synthesis and Application of biocatalysts for Continuous FlowSynthesis	Anil Neil	Kumar Cameron
IMURA0662 (1)	Tailoring Nanostructured Alloys for Remarkable Oxidation/Corrosion Resistance	Murali Raman Smrutiranjana	Sastry Singh Parida
IMURA0663 (7)	Design of integrated RF front-ends with an increased robustness to parasitic signal feed through	Jayanta Jean-Michel	Mukherjee Redoute
IMURA0664 (5)	Performance Evaluation of Corrosion Degraded RCC Structure Using Acoustic Emission and Tomography	Arash Sauvik Ye Lu	Behnia Banerjee Ye Lu
IMURA0665 (5)	Droughts in a changing climate: an integrated multivariate approach	Arpita Christoph	Mondal Christoph RÅ¼diger

IMURA0669 (1)	Evaluation of organic-inorganic hybrid nanocomposites for applications in electrodes for supercapacitors	Jie Sumit	Zhang Saxena
IMURA0671 (3)	Molecular Origins of the Rheological Behaviours of Associative Polymer Solutions	P. Ravi	Sunthar Jagadeeshan
IMURA0672 (4)	Novel health monitoring system with analysis for patients with mental disorders	Gita Hoam Maryam Shojaei	Pendharkar Chung Baghini
IMURA0674 (1)	Nanofiller Incorporated Co-continuous Binary Polymer Blends: Rheological and Morphological Investigation	Arup George Mohammad Terry	Bhattacharyya Simon Aslam Turney
IMURA0683 (5)	CO2 enhanced geothermal systems: THMC investigation	Ranjith Vikram	Pathegama Vishal
IMURA0688 (3)	Discretization techniques and numerical analysis of non-linear models in elasticity	Jerome Neela	Droniou Nataraj
IMURA0689 (6)	Blood brain barrier (BBB) on chip	Nicolas P.S	Voelcker Gandhi
IMURA0692 (4)	Convex optimization approaches to structured global optimization problems	James Vishnu	Saunderson Narayan
IMURA0693 (7)	Wireline Integrated High-Speed Transceivers with Increased Robustness to Electromagnetic Interference	Jean-Michel Maryam Shojaei	Redoute Baghini
IMURA0694 (6)	Ophthalmic drug delivery with porous silicon	Jayesh Nicolas	Bellare Voelcker
IMURA0698 (4)	A unified healthcare system for monitoring patients vital parameters in hospitals	Gita	Pendharkar

		Maryam Shojaei Sunita	Baghini Chauhan
IMURA0699 (2)	Development of 2D/3D carbon material based hybrid Anti-corrosion Coatings for Bipolar Plate Materials in PEM Fuel Cells and components of Electricity Energy Storage (EES) system	Raman Smrutiranjana	Singh Parida
IMURA0700 (2)	Chemical Looping Metal Oxide Development & Hydrodynamics	Andrew Sagar Sankar Santanu	Hoadley Sagar Mitra Bhattacharya Bandyopadhyaya
IMURA0701 (1)	Tactile sensor array for biomedical applications	Dipti Gita Sunita	Gupta Pendharkar Chauhan
IMURA0702 (1)	Nanomaterials enabled Palpation device for cancer detection	Dipti Gita Sunita	Gupta Pendharkar Chauhan
IMURA0703 (4)	Dynamic traffic assignment with CAV	Gopal R Hai L. Vu	Patil Hai L. Vu
IMURA0704 (3)	Model and simulation development for two-wheelers traffic	Gopal R Hai L. Vu	Patil Hai L. Vu
IMURA0706 (4)	Rail-robots for railway tracks routine inspection Novel re-configurable mechanism Design	Anirban Ravi Sunita	Guha Ravitharan Chauhan
IMURA0710 (2)	Issues facing large scale deployment of solar energy in India	anupama Ariel Rajab Trupti	kowli Liebman Khalilpour Mishra

IMURA0713 (3)	CFD analysis of vortex induced vibration of a cylinder	Mark Rajneesh	Thompson Bhardwaj
IMURA0716 (6)	The novel nuclear transport molecule importing from Plasmodium falciparum; potential drug target	David Swati	Jans Patankar
IMURA0718 (1)	Microstructure-property relationships of conductive polymers and substrates for organic solar cells Experimental characterisation and micromechanics-based modelling.	Aparna Laurence	Singh Brassart
IMURA0719 (2)	Designing palladium based N heterocyclic carbene complexes for anticancer application	BaydenNEW Glen Prasenjit	WoodNEW Deacon Ghosh
IMURA0720 (1)	Computational Design of Smart Nanoporous Materials	Ateeque Nikhil	Malani Medhekar
IMURA0721 (1)	Micro-mechanisms of plasticity and fracture in alloys produced by additive manufacturing	Chris I Nagamani	Davies Samajdar Jaya Balila
IMURA0723 (1)	Developing New Integrated Machine Learning and Deterministic Simulation Approaches to Computational Science	Chris Ganesh Gary (CSIRO)	Davies Ramakrishnan Delaney
IMURA0725 (5)	Improved techniques for high resolution urban flood modelling	Mahesh Murray Shivasubramanian	Prakash (CSIRO) Rudman Gopalakrishnan
IMURA0726 (5)	Application of model data fusion techniques for natural hazards modelling and analytics in developing countries especially in the Indian Sub-continent.	Christoph Ha Bui	Christoph Rüdiger Ha Bui

		Mahesh Raaj	Prakash (CSIRO) Ramsankaran
IMURA0732 (5)	The structure, Rheology and Tectonic Evolution of the lithosphere in the northeast Indian Ocean	M Peter	Radhakrishna Betts
IMURA0733 (3)	Modeling and simulations of propulsion and swimming in microorganisms	Prabhakar Sameer	Ranganathan Jadhav
IMURA0734 (1)	Development of Stimuli Responsive Materials for Energy Applications	Boon Mian Sumit	Teo Saxena
IMURA0735 (1)	Nanoindentation studies of 3D printed High Entropy Alloys	Alankar Jian-Feng Nie	Alankar Jian-Feng Nie
IMURA0736 (1)	Deformation behaviour of 3D printed Al-Ni-Ti multilayer metal composite	Alankar Jian-Feng Nie	Alankar Jian-Feng Nie
IMURA0737 (4)	Impact and implication of Connected and Autonomous Vehicles	Gopal R Hai L. Vu	Patil Hai L. Vu
IMURA0738 (7)	Antennas for TV White Space Band For High Speed WiFi	Girish Nemai	Kumar Karmakar
IMURA0739 (4)	Machine Learning for Next-Generation Wireless Networks	Manjesh Kumar Nikola	Hanawal Zlatanov
IMURA0740 (1)	Tunable photonic crystal by 4D patterning	Boon Mian shobha	Teo shukla
IMURA0741 (3)	Interfacial dynamics and morphology control in active fluids	Murray Prabhakar Sameer	Rudman Ranganathan Jadhav
IMURA0742 (8)	Sustainability based recycling planning using multi-criteria decision making	Chung-Hsing	Yeh

		Pankaj	Dutta
IMURA0743 (3)	Modeling jet breakup and drop impact of viscoelastic polymer solutions	Murray P. Prabhakar Shivasubramanian	Rudman Sunthar Ranganathan Gopalakrishnan
IMURA0744 (4)	Bioactives and Natural Dyes From Food and Agricultural Waste Sources	Amit Antonio Kellie	Arora Patti Tuck
IMURA0745 (2)	Cellulose nanofibers recovery from fruits waste	Amit Antonio Warren	Arora Patti Batchelor
IMURA0746 (5)	Extreme rainfall and the role of orography	Arpita Steven Subimal	Mondal Siems Ghosh
IMURA0747 (2)	Nano-MgMn₂O₄ spinel cathode and ionic liquid compatibility study for Magnesium ion battery development	Doug Mega Sagar	MacFarlane Kar Sagar Mitra
IMURA0748 (1)	Development of plasmonic metamaterials substrates for SERS application	shobha Sumit Wenlong	shukla Saxena Cheng
IMURA0749 (2)	Solid-State Lithium Sulfur Battery operating at low temperature based on polymer-solid ion conductor composite electrolyte and sulfur cathode	Doug Maria Sagar	MacFarlane Forsyth Sagar Mitra
IMURA0750 (1)	Microfluidic route to generation of core-shell fibers for drug delivery	Tuncay Venkat	Alan Gundabala

IMURA0751 (2)

Modelling Energy Transitions in India and Australia

Ariel
rangan
Roger

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Dargaville