

INDIAN INSTITUTE OF TECHNOLOGY MADRAS

Academic Section: Research Unit

INTERDISCIPLINARY

List of Candidates Provisionally Selected for admission to M.S. Programme for JUL-NOV. 2016

S.No.	Student Appl. No	Student Name	Program	Support	Project No	Project title	Guide1	Guide2	Alloted Department
1	IN16SM0105	Shashank Kumar Ranu	M.S	HTRA	P-ID-16-1-007	Quantum Key Distribution	Anil Prabhakar	Prabha Mandyam	Electrical Engineering
2	IN16SM0086	Vishnu Menon	M.S	HTRA	P-ID-16-1-011	Algorithms for analysis of hyperspectral data	Sheetal Kalyani	Sukhendu Das	Electrical Engineering
3	IN16SM0094	Jasmeet Kaur Bhambra	M.S	HTRA	P-ID-16-1-026	Role of surfactants and hydrotropes on engineering behaviour of virgin soils and pillared clays	G. Ranga Rao	Dali Naidu Arnepalli	Chemistry
4	IN16SM0114	Abhay Raina	M.S	HTRA	P-ID-16-1-027	Studies on chemical and geological sequestration of carbon dioxide	Ajay Kumar Shukla	Dali Naidu Arnepalli	Civil Engineering
5	IN16SM0116	Shom C Abraham	M.S	HTRA	P-ID-16-1-033	Identification of human central nervous system strategy in dextrous object manipulation	Varadhan SKM	Arun K Tangirala	Applied Mechanics
6	IN16SM0036	Priyan Bhattacharya	M.S	HTRA	P-ID-16-1-037	Control theoretic approaches to biological network design	Arun Tangirala	Karthik Raman	Chemical Engineering
7	IN16SM0096	Prasanna	M.S	PROJECT (NHTRA)*	BSM/SN		B S Murty	Sridharkumar Narashiman	Chemical Engineering
8	IN16SM0029	Srivathsan P S	M.S	PROJECT (NHTRA)*	P-ID-16-1-021	Kinetic Modeling of Automotive Soot	Preeti Aghalayam	Satyanarayanan R. Chakravarthy	Chemical Engineering
List of Candidates Provisionally Selected for admission to Direct Ph.D. Programme for JUL-NOV. 2016									
9	IN16SD0009	Voona Kushal	Direct Ph.D	HTRA	P-ID-16-1-028	Complex Systems Approach for Estimation and Control of Thermo- & Aero-acoustic Instabilities	R. I. Sujith	Niket Kaisare	Chemical Engineering
10	IN16SD0008	Nilesh Kumar Sharma	Direct Ph.D	HTRA	P-ID-16-1-043	Development of a multi-frequency EM sensor for Magnetic Materials	Krishnan Balasubramanian	Kavitha Arunachalam	Mechanical Engineering

9	IN16SD0009	Voona Kushal	Direct Ph.D	HTRA	P-ID-16-1-028	Complex Systems Approach for Estimation and Control of Thermo- & Aero-acoustic Instabilities	R. I. Sujith	Niket Kaisare	Chemical Engineering
List of Candidates Provisionally Selected for admission to Ph.D. Programme for JUL-NOV. 2016									
11	IN16SP0146	Bharathi Raja	Ph.D	HTRA	P-ID-16-1-001	Dielectric barrier discharge (DBD) plasma-assisted catalytic conversion of flue gas to valuable chemicals	R. Vinu	R. Sarathi	Chemical Engineering
12	IN16SP0138	Vipin V Gopal	Ph.D	HTRA	P-ID-16-1-004	Technology impact assessment and development of micro co-generation technology for energy footprint reduction in Industries	Satyanarayanan Seshadri	M Sureshbabu	Applied Mechanics
13	IN16SP0268	Subha S Raj	Ph.D	HTRA	P-ID-16-1-005	Measurements and modeling of cloud condensation nuclei activity in Indian continental boundary layer	Sachin Gunthe	R. Ravi Krishna	Civil Engineering
14	IN16SP0486	Prateek Katare	Ph.D	HTRA	P-ID-16-1-014	Silicon based Biosensor and BioMEMS	Enakshi Bhattacharya	Anju Chadha	Electrical Engineering
15	IN16SP0298	Rajani	Ph.D	HTRA	P-ID-16-1-015	Long-term storage of DNA and proteins in novel ionic liquids	Sanjib Senapati	Ramesh Gardas	Biotechnology
16	IN16SP0440	Gaikwad Ravindra Suresh	Ph.D	HTRA	P-ID-16-1-018	Microfluidic platform for the detection of biomarkers in blood plasma	Ashis Kumar Sen	Madhulika Dixit	Mechanical Engineering
17	IN16SP0128	Lakshmi T R	Ph.D	HTRA	P-ID-16-1-020	Interaction of Microorganisms on the Wettability of Rock Surface: Application towards Enhanced Oil Recovery	Jitendra Sangwai	Mukesh Doble	Ocean Engineering
18	IN16SP0092	Sahana V	Ph.D	HTRA	P-ID-16-1-024	Halting Environmental Antimicrobial resistance Dissemination and eliminating antibiotics in water systems	Indumathi M Nambi	Mukesh Doble	Civil Engineering
19	IN16SP0174	Susmit Chakraborty	Ph.D	HTRA	P-ID-16-1-025	Experimental and Numerical Investigations on Microbial Enhanced Oil Recovery	G Suresh Kumar	Sathyanarayana N. Gummadi	Biotechnology

9	IN16SD0009	Voona Kushal	Direct Ph.D	HTRA	P-ID-16-1-028	Complex Systems Approach for Estimation and Control of Thermo- & Aero-acoustic Instabilities	R. I. Sujith	Niket Kaisare	Chemical Engineering
20	IN16SP0202	Prasanna Manikanda Karthik J	Ph.D	HTRA	P-ID-16-1-029	Immobilization of recombinant levansucrase on nanoparticles and its characterization	K. Chandraraj	P. Selvam	Biotechnology
21	IN16SP0093	Mohd. Belal Haider	Ph.D	HTRA	P-ID-16-1-034	Ionic Liquids as Promising Gas Hydrate Inhibitors	Ramesh Gardas	Jitendra Sangwai	Chemistry
22	IN16SP0300	Nisha Ranjan	Ph.D	HTRA	P-ID-16-1-035	Synthesis and investigation of tribological properties of graphene-based nanolubricants	Dr S Ramaprabhu	Dr M Kamaraj	Physics
23	IN16SP0036	Nitheesh M. Nair	Ph.D	HTRA	P-ID-16-1-036	Inkjet printed electronic devices	Parasuraman Swaminathan	Debdutta Ray	Metallurgy and Materials Engineering
24	IN16SP0191	Nithin M	Ph.D	HTRA	P-ID-16-1-038	Functional Porous Materials	Basavaraja Madivala Gurappa	Manas Mukherjee	Metallurgy and Materials Engineering
25	IN16SP0509	Tanvi Gupte	Ph.D	HTRA	P-ID-16-1-041	Nanoporous structures on 2D materials for desalination	Tiju Thomas	T. Pradeep	Chemistry
26	IN16SP0101	DIPSIKHA GANGULY	Ph.D	HTRA	P-ID-16-1-044	Non Precious electrocatalyst for Proton Exchange Membrane Fuel cells	S Ramaprabhu	Kothandaraman R	Physics
27	IN16SP0114	Fiheon Imroze	Ph.D	HTRA	P-ID-16-1-045	Organic thin film transistors (OTFTs)/organic solar cells (OSCs)	Soumya Dutta	P. Venkatakrishnan	Electrical Engineering
28	IN16SP0426	Rohini.P	Ph.D	HTRA	P-ID-16-1-049	Development of PDE based Non-Linear filtering solutions for Medical Image Processing	S. Ramakrishnan	S. Sundar	Applied Mechanics
29	IN16SP0102	Tabjula I Jagadeeshwar	Ph.D	HTRA	P-ID-16-1-051	Fiber Bragg Grating-Based Detection of Feature Guided Waves for Defect Identification in Complex Structures	Balaji Srinivasan	Prabhu Rajagopal	Electrical Engineering
30	IN16SP0407	Anbuthangam	Ph.D	HTRA	P-ID-16-1-054	Bioceramic based matrices for protein purification	T.S. Sampath Kumar	Guhan Jayaraman	Metallurgy and Materials Engineering

9	IN16SD0009	Voona Kushal	Direct Ph.D	HTRA	P-ID-16-1-028	Complex Systems Approach for Estimation and Control of Thermo- & Aero-acoustic Instabilities	R. I. Sujith	Niket Kaisare	Chemical Engineering
31	IN16SP0287	Prosenjit Baidya	Ph.D	HTRA	P-ID-16-1-058	Mechano-chemical distortions in nanostructures and the development of chemical sensors	T. Pradeep	Krishnan Balasubramanian	Chemistry
32	IN16SP0266	ANN MARY JOSE	Ph.D	UGC-JRF	P-ID-16-1-048	Eddy Current NDE Approach for measurement of creep damage in high temperature tubes	C.V.Krishnamurthy	Kavitha Arunachalam	Physics
33	IN16SP0342	Shyamal Purushotham Chirravuri	Ph.D	EXTERNAL	P-ID-16-1-004	Technology impact assessment and development of micro co-generation technology for energy footprint reduction in Industries	Satyanarayanan Seshadri	M Sureshbabu	Applied Mechanics
34	IN16SP0094	Kandaswamy Paramasivan	Ph.D	PARTTIME	P-ID-16-1-009	Smart Policing: Application of Data Science and predictive analytics to fight crime	Nandan Sudarsanam	V. Kamakoti	Management Studies
35	IN16SP0142	Neelakandan Mani	Ph.D	PARTTIME	P-ID-16-1-013	Footwear based device for Gait Analysis	Prathap Haridoss	Boby George	Metallurgy and Materials Engineering
36	IN16SP0322	P K Pradeep	Ph.D	PARTTIME	P-ID-16-1-032	Design aspects in connected products for a short time to market	Palaniappan Ramu	Amit R K	Engineering Design
37	IN16SP0233	Arun Vel	Ph.D	EXTERNAL	MHP/LSG		Meher Prasad	L S Ganesh	Management Studies

*** Scholars selected from N-HTRA not eligible for HTRA until they qualify in the GATE examination. The scholars may seek conversion from project(NHTRA) to HTRA provided they qualify in GATE with the minimum cut-off prescribed for the selection of scholars admitted in his batch.**