

Roll No.	Name	Spl.	Topics	Guide
163110001	Yelluru Nagakiran	MM 1	Hybrid Layered Manufacturing	Prof. V. S. Raja
163110002	Anupam Sadhu	MM 1	Lead free perovskites for stable and efficient photovoltaic devices	Prof. Ashwini Yella
163110003	Jevin Shah	MM 1	Fabrication and Performance Evaluation of Polymer Gel Electrolytes for Supercapacitors applications	Prof. A. R. Kulkarni
163110004	Abhinav Kumar Soni	MM 1	Phase field modelling for microstructural evolution of graphite in cast iron, induced by phase transformation.	Prof. M. P. Gururajan
163110005	Anushri Nag	MM 1	Effect of Thermal Exposure on Thermal Barrier Coating Materials	Prof. A. S. Gandhi
163110006	Shivam Kumar Shekhavat	MM 1	Development of bimetallic clad Ti/mild steel plates by roll bonding	Prof. M. J. N. V. Prasad
163110007	SANJOY KUMAR MAZUMDER	MM 1	Dislocation-twin boundary interactions in Cu and Cu-Al alloys – dislocation dynamics study	Prof. Prita Pant
163110008	Digvijay Gulabrao Yadav	MM 1	Phase field modelling of plasticity induced microstructural evolution	Prof. M. P. Gururajan
163110009	Sukhmeet Singh Khaira	MM 1	Modifying an office Inkjet printer to print Graphene based ink for sensing.	Prof. S. Mallik
163110011	Sachin Sudhir Ambekar	MM 1	Study of thermoelectric properties in Mn substituted Mg <sub>2</sub> Si	Prof. Titas DasGupta
163110012	PRIYANK PRATEEK	MM 1	Materials for anti-fouling coatings for marine applications	Prof. Parag Bhargava
163110013	PRASHANT SINGH BAGHEL	MM 1	Synthesis and study of thermoelectric properties of p-doped Mg <sub>2</sub> Si based materials using Modulation Doping.	Prof. Titas DasGupta
163110014	MANISH KAYAL	MM 1	New compositions for thermal barrier coating : synthesis and process	Prof. A. S. Gandhi
163110015	KENDRE DILIP HARI	MM 1	Nanoindentation response of multilayer composites: Finite element modeling and experiments-FEM (Abaqus)	Prof. B. N. Jaya
163110017	Jyotiranjana Barik	MM 1	Bur formation studies on high strength steels.	Prof. K. Narasimhan
163110018	KALIRAJAN M	MM 1	Development of carbon nanotube reinforced ceramic composites for advanced structural applications	Prof. A. Mukhopadhyay
163110019	Suvajit Bakuli	MM 1	Development of CuSbS <sub>2</sub> nanocrystal inks for photovoltaic applications	Prof. Ashwini Yella
163110020	JITENDRA JANGID	MM 1	Fracture of brittle materials	Prof. Aparna Singh
163110023	SIDDHARTH SANKAR JENA	MM 2	Oxidation and wear behaviour of pulse electrodeposited nanocrystalline Fe and Fe-P foils.	Prof. M. J. N. V. Prasad

163110024	Angshuman Podder	MM 2	Understanding Liquid Hold up in Dripping zone of BF	Prof. N. N. Viswanathan
163110026	REGAN K	MM 2	Heat Transfer from drops/particles with bubble stirred interface: experimental	Prof. N. B. Ballal
163110028	POLAVARAPU SRINIVASULU	MM 3	Development of nano-structured steels	Prof. Aparna Singh
163110029	Rishav Ghosh	MM 4	Understanding the crack growth rates of 7085 alloy subjected to different tempers.	Prof. V. S. Raja
163110030	ANAND OMAR	MM 4	Industrial byproduct to anticorrosion coatings	Prof. S. Parida
163110031	BHARTENDU KR. DWIVEDI	MM 1	Synthesis and study of the thermoelectric properties in p-doped ZnSb.	Prof. Titas DasGupta
163110032	BIDYUT DUTTA	MM 4	Understanding the effect of different heat treatments on the Hydrogen embrittlement behavior of Inconel 718	Prof. V. S. Raja
163110033	Pallav Kumar Sahu	MM 4	Hard Chromium Replacement Coating	Prof. S. Parida
163110034	UGADI SUNIL	MM 4	Sensors using carbon nanostructures.	Prof. S. Parida
163110036	PRAMOD KR. BEHERA	MM 4	Exfoliated graphite for supercapacitor applications	Prof. S. Parida
163110037	JAGANNATH MAJHI	MM 4	Steel Pickling	Prof. V. S. Raja
163110038	ABHISHEK PACHAURI	MM 4	Modelling of cyclic effects using FEM	Prof. Aparna Singh
163110039	N Sivasubramanian	MM 4	Influence of Novel aging cycle on the formability behaviour of AA7050	Prof. K. Narasimhan
163110040	Monika Nidhi	MM 4	Corrosion related studies of thermal barrier coating	Prof. V. S. Raja
163110041	MD AKIF FARIDI	MM 4	Using industrial waste particles for supercapacitor application	Prof. S. Parida
163110042	PAWAN KUMAR		INCREMENTAL SHEET FORMING	Prof. K. Narasimhan
163110044	VIKAS CHOUDHARY	MM 1	Simulation ,validation and microstructural evolution studies during ring rolling of steels.	Prof. K. Narasimhan
163110045	ANKIT KUMAR	MM 1	Hot stamping behaviour of steels	Prof. K. Narasimhan
163110046	SUPRIT BHUSARE	MM 1	Fracture and fatigue behaviour of heavily cold drawn pearlitic steel wires.	Prof. B. N. Jaya
163110047	SUDHEER KUMAR	MM 1	Role of the interface on deformation and fracture behavior of dual-phase steels.	Prof. B. N. Jaya
163110048	AJEET SINGH MEENA	MM 1	sensors	Prof. Dipti Gupta
163110049	ASHWINI KUMAR MISHRA	MM 2	Designing damage tolerant functional oxide nanostructures	Prof. B. N. Jaya
163110051	SOURISH KUMAR NANDI	MM 2	Dislocation Dynamics simulation of eutectoid steel under wire drawing loading conditions.	Prof. Prita Pant

163110052	ROHIT KUMAR	MM 2	Microstructural Investigation of high strain rate deformed Aluminium Alloy.	Prof. M. J. N. V. Prasad
163110053	VEERAMUSTI VEERABHADRA	MM 2	Corrosion studies in Nanocrystalline alloy	Prof. S. Parida
163110054	MOHIT RAJESH VERMA	MM 2	INVERSE HEAT TRANSFER MODELLING	Prof. N. N. Viswanathan
163110055	BANDI VARAPRASAD	MM 3	SLAG BENEFICIATION FROM STEEL PLANTS	Prof. S. Parida
163110056	Pritwish Mitra	MM 3	Phase field modelling of plasticity induced microstructural evolution	Prof. M. P. Gururajan
163110057	KARUNDEV P	MM 3	Simulating Gas flow in Blast furnace using OPEN FOAM Software.	Prof. N. N. Viswanathan
163110058	NIKHIL BRAHIKAR	MM 3	EXPERIMENTAL STUDIES OF IRON ORE SINTERING	Prof. N. B. Ballal
163110059	MUZZAMIL AHMAD EATOO	MM 4	Role of oxide layer on hydrogen embrittlement of titanium alloys.	Prof. V. S. Raja
163110060	RASHMI MANCHANDA	MM 4	DEVELOPMENT OF SUPERHYDROPHOBIC COATINGS.	Prof. A. S. Khanna
163110061	Kuldeep Sharma	MM 4	Synthesis and characterisation of multicomponent oxides	Prof. A. S. Gandhi
163110062	ALOSHIOUS LAMBAI	MM 4	R-curve behavior of ceramic matrix composites: Fracture mechanics studies	Prof. B. N. Jaya
163110063	Shubham Mahajan	MM 4	Development of environmental barrier coatings by slurry spray technique.	Prof. A. S. Gandhi
163110064	Mueed Ahmad	MM 4	Screen printable silver paste for solar PV.	Prof. Parag Bhargava
163110065	Udit Kumar	MM 4	Development of ceramic alloys for advanced structural applications	Prof. A. Mukhopadhyay
163110066	GHULE BHAGWAT SHAHADEV	MM 4	SUPERCRITICAL CORROSION OF NI BASED ALLOY	Prof. V. S. Raja
163114001	ARUN MANJAR	MM 3	Development of blast furnace hearth liquid level monitoring system.	Prof. N. N. Viswanathan
163114002	Sanup Kumar Panda	MM 3	Tracking thermal state of a steelmaking ladle	Prof. N. B. Ballal
163114003	Pushkar Dewangan	MM 3	Studies on Grain Boundary Cementite formation during the rolling of high carbon wire rod	Prof.N. Prabhu
163114004	S MOULALI REDDY	MM 3	Structure properties correlation for Dual Phase steels.	Prof.N. Prabhu
163114005	Seenivasan R	MM 3	Mathematical modelling of formation of corner cracks in aluminium killed low alloy steels during continuous casting process	Prof. N. N. Viswanathan
163114006	Mohammed Rasul I	MM 3	Simulation and optimization of groove rolling process for long products	Prof. K. Narasimhan
163114007	Sachin Prabhakar Patil	MM 3	CFD modeling of tundish and mould in thin slab caster to reduce casting defects like longitudinal crack and entrapment.	Prof. N. N. Viswanathan

163114008	Dharmendra Kr Rajak	MM 3	study of factors affecting sinter property variation across depth of sinter bed	Prof. N. B. Ballal
163114009	VENKATA ADITYA	MM 4	Development of Rubber based coatings with Surface Modification Properties	Prof. A. S. Khanna
163114010	Banti kumar singh	MM 4	Development of chemical resistant paint for battery pits on naval vessels	Prof. A. S. Khanna
163114011	SACHIN M KALASKAR	MM 4	COATING SOLUTION FOR CORROSION UNDER INSULATION (CUI) FOR HEAT EXCHANGER TUBES	Prof. A. S. Khanna