

B.Tech Project
Department of Metallurgy and Materials Science
Year 2017-18

Name	MIS NO	Project Title	Guide name
PAHADE SAHEEL SANJAY	111311041	Characteristics of lead substituted BaTiO ₃ Ceramic	S P Butee
GANESH GAJANAN RAUT	111411022	Corrossion study of Aluminium alloy 2014 by applying epoxy coating containing TiO ₂ nano particles	ST Vagge
SHRIYOG KISHORRAO REKHAWAR	111411043	Corrossion study of Aluminium alloy 2014 by applying epoxy coating containing TiO ₂ nano particles	ST Vagge
PRATHAMESH CHANDRAKANT LOKHANDE	111411031	Corrosion study of Aluminium Alloy-2014 by applying polyurethane coating containing TiO ₂ nanoparticles	S T Vagge
ROHAN RAMESH PHADATARE	111411040	Corrosion study of Aluminium Alloy-2014 by applying polyurethane coating containing TiO ₂ nanoparticles	S T Vagge
YUVRAJ SANJAY PHARANDE	111411041	Corrosion study of mild steel by applying zinc phosphate coating containing TiO ₂ nano particles	S T Vagge
YOGESH SANJAYRAO CHATE	111411011	Corrosion study of mild steel by applying zinc phosphate coating containing TiO ₂ nano particles	S T Vagge
SUJIT DINESH DESAI	111411014	Designing heat treatment cycle to maximize bainite in SAE 4140 Steel	J K Chakravarty
CHAITANYA MAHAJAN	111411010	Designing heat treatment cycle to maximize bainite in SAE 4140 Steel	J K Chakravarty
ROHIT GAJANAN WASANKAR	111411056	Designing heat treatment for obatining maximum fraction of bainitic phase in microstructure of C70S6 steel	J K Chakravarty
ABHISHEK MANOHAR TIKAR	111411054	Designing heat treatment for obatining maximum fraction of bainitic phase in microstructure of C70S6 steel	J K Chakravarty
SHUBHAM DILIP DANI	111411013	Effect of addition of copper in atomized iron powder and reduced iron powder	V T Thavale
GAURAV BALASAHEB KSHIRSAGAR	111411029	Effect of addition of copper in atomized iron powder and reduced iron powder	V T Thavale

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NISHA ARUN RAUT	111411042	Effect of austinitizing and tempering temperature of mechanical properties of high strength steel	N R Anand
RICHA PRASHANT MANKAR	111411034	Effect of austinitizing and tempering temperature of mechanical properties of high strength steel	N R Anand
NAIMISH SANJAYKUMAR SHAH	111411047	Effect of cryogenic treatment on wear behaviour of high nitrogen martensitic stainless steel	N B Dhokey
ARORA KAPIL AMAR	111411062	Effect of cryogenic treatment on wear behaviour of high nitrogen martensitic stainless steel	N B Dhokey
RAUT NANDKISHOR DIGAMBAR	141511012	Effect of Cu and Ti content on the mechanical properties of Aluminium alloys	A M More
TOMAR SAGAR PRAKASH	141511018	Effect of Cu and Ti content on the mechanical properties of Aluminium alloys	A M More
ISHAN PRASANNA MAHABAL	111411032	Effect of varying filler content on biocompatibility of polymeric nano composites	R K Goyal
YASHODHAN ANAND EKTARE	111411018	Effect of varying filler content on biocompatibility of polymeric nano composites	R K Goyal
ONKAR ANIL KHADKE	111411027	Fabrication and characterization of Beta FeSi ₂ thermoelectric generator	N B Dhokey
PIRJADE BILAL MURTUZA	111411061	Fabrication and characterization of Beta FeSi ₂ thermoelectric generator	N B Dhokey
Kshitija vijay sarda	111311054	Fabrication and study of electrical and thermal properties of PAEK/ AlN Composite	K R Kambale
Nikita Patil	111311039	Fabrication and study of electrical and thermal properties of PAEK/ AlN Composite	K R Kambale
VISHWAKARMA ADITYA CHANDRAMOHAN	111411002	Fabrication of Al-10 wt% graphite and its characterization	N B Dhokey
PADWAL SHUBHANKAR SANTOSH	111411063	Fabrication of Al-10 wt% graphite and its characterization	N B Dhokey
SHAIKH SANA RAFIK	141511015	Fabrication of lithia stabilized zirconia and its impedance measurements	S P Butee
MASRAM SHWETA RAMKISAN	141511005	Fabrication of lithia stabilized zirconia and its impedance measurements	S P Butee

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VIDHATE AKSHAYKUMAR MANIKRAO	111211055	Heat Treatment study of p91 steel	Vaishali Poddar
PARIKSHIT SHIVAJI TAMHANE	111411053	Hybrid percolative nanocomposites based on graphene -BaTiO ₃ -PAEK with enhanced dielectric properties for embedded capacitor applications	R K Goyal
SIDDHANT KIRAN TAMBAT	111411049	Hybrid percolative nanocomposites based on graphene -BaTiO ₃ -PAEK with enhanced dielectric properties for embedded capacitor applications	R K Goyal
KUCHAVAH ANAND BABUSINGH	141511004	Influence of Lubrication on Forging	Madhu Ranjan
MOHITKAR VAISHNAVI KEMRAJ	141511006	Influence of Lubrication on Forging	Madhu Ranjan
PURANIK ADITYA SUBHASH	111311049	Investigation of quenching process with nano fluids	Madhu Ranjan
GAURAV LAXMAN MAPARI	111411035	Investigation of quenching process with nano fluids	Madhu Ranjan
MANASI PRAFULLA GADE	111411020	Laser assisted thermite reaction coating on Aluminium alloy for improved wear resistance	M J Rathod
NINAD SATISH PARASHTEKAR	111411039	Laser assisted thermite reaction coating on Aluminium alloy for improved wear resistance	M J Rathod
BHANGE GAURAV ANIL	141511003	Laser surface hardening of nano crystallized medium carbon steel	P G Ranaware
HIRE AJINKYA CHANDRABHAN	111411066	Sheet metal bending using laser	M J Rathod
Abhishek Kaginkar	111411057	Sheet metal bending using laser	M J Rathod
SAHU SHUBHAM MANOJKUMAR	141511013	Study of dispersion of Mos ₂ powder in polypropylene by extrusion process	M G Kulthe
NAIDU WAGESH RAJENDRA	141511008	Study of dispersion of Mos ₂ powder in polypropylene by extrusion process	M G Kulthe
PATIL DHAIRYASHEEL DHANAJI	111411065	Study of polymeric nanocomposites for microwave substrate application	R K Goyal
PRASHANTKUMAR BALIRAM GAIKWAD	111411021	Study of polymeric nanocomposites for microwave substrate application	R K Goyal

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GANGADHAR NAMDEV BATTALWAD	111411006	Synthesis and characterization of Beta-FeSi ₂ thermoelectric material through conventional powder metallurgy route	Vaishali Poddar
PATIL AKHIL MANISH	141511010	Synthesis and characterization of Beta-FeSi ₂ thermoelectric material through conventional powder metallurgy route	Vaishali Poddar
SNEHAL RAJU KANGALE	111411026	Synthesis and Characterization of maganese doped sodium beta alumina for sulphur Na-S battery Electrolyte applications	S P Butee
MRUDUL SUDHAKAR MAHAKALKAR	111411033	Synthesis and characterization sodium beta Alumina electrolytes prepared by solid state reactions using various sodium sources	S P Butee
BAGDE ASHWINI DAKHRAM	141511001	Synthesis and characterization sodium beta Alumina electrolytes prepared by solid state reactions using various sodium sources	S P Butee
Mandal Akash Bodhisat	111211029	synthesis, fabrication and Electrical characterization of yttrium calcium oxyborate ceramics	K R Kambale
MONESH SHIVCHARAN BAWANKAR	141511007	The surface nanocrystallization of austenitic stainless stell by conventional shot peening	PG Ranaware
SONKUSALE SNEHA UMAKANT	141511017	The surface nanocrystallization of austenitic stainless stell by conventional shot peening	PG Ranaware