

B.Tech Project
Department of Metallurgy and Materials Science
Year 2016-17

Name	MIS NO	Project Title	Guide name
Chinamy N. Dahale	111311009	A Novel double aging treatment to improve mechanical properties of as cast P91 (Martensitic steel containing Cr Nb n) material	J.K. chakravart hy
pratik P joshi	111311019	A Novel double aging treatment to improve mechanical properties of as cast P91 (Martensitic steel containing Cr Nb n) material	J.K. chakravart hy
Aishwarya Dhole	111311010	A Study of electrochemicsl properties of polyaniline / Barium titanate Composite	P.P. Deshpande
Prajita Raje	111311048	A Study of electrochemicsl properties of polyaniline / Barium titanate Composite	P.P. Deshpande
Nikhil Rohidas Jadhav	111011106	Abresive Wear characterization of surface treated H11-hot Work Die steel using HVOF gun	vilas gunajl
SHIMPI DHANANJAY SUBHASH	111311056	Accelerated corrosion study of coated specimens	S.T.Vagge
RAJPUT PRASHANT DIGAMBAR	111311051	Accelerated corrosion study of coated specimens	S.T.Vagge
Pratiksha sakharkar	141411009	Application of Mill scale pure Fe ₂ O ₃ Powder for synthesis of Mn-Zn ferrite	N.B.Dhoke y
Gitanjali Desai	141411003	Application of Mill scale pure Fe ₂ O ₃ Powder for synthesis of Mn-Zn ferrite	N.B.Dhoke y
Madhav S. Kamble	111211024	Austenitic Nitriding of shot Peened AISI 4140 Steel	M.J. Rathod
Akshay N. Najan	111211035	Circular lap welding of AISI 304 Stainless Steel using fiber laser mechanical properties and characterization	M.J. Rathod
chikku rajan	111111006	Comparative Study of mechanical properties improved bu reinforcement SiC in pure Al & Aluminium Alloy 6063Followed by heat treatment	R .S. Ranade
Baig Haidar sarfraz	111211005	Comparative Study of mechanical properties improved bu reinforcement SiC in pure Al & Aluminium Alloy 6063Followed by heat treatment	R .S. Ranade
Akshay Pujari	111311007	Corrosion behaviour of oragnic coated steel in accelarted environment	S.T.Vagge
Kabra Shruti Satish	111211022	Corrosion studies of SS316 And SS316L in 3.5% Nacl Solution	S.T.Vagge
Shrotre akhilesh Harendra	111211063	Corrosion studies of SS316 And SS316L in 3.5% Nacl Solution	S.T.Vagge
Pranav Vivek kulkarni	111211027	Design & fabrication of thermoelctric generator using B-Fesi ₂	N.B.Dhoke y

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Akash Patil	111211067	Design & fabrication of thermoelctric generator using B-Fesi2	N.B.Dhoke y
Sneha Malgave	111311031	Die life Improvement of bottom Extrusion of output shaft through plasma Nitriding	V.T. Thavle
Pranit Shukla	111311058	Die life Improvement of bottom Extrusion of output shaft through plasma Nitriding	V.T. Thavle
Zende Prafull	141411012	Effect of biodisel on tribocorrosive behavior of automative components	S.T.Vagge
Vasta shubham	111311057	Effect of biodisel on tribocorrosive behavior of automative components	S.T.Vagge
Pratik Nighot	141311001	Effect of Flame remelting on properties of thermally sprayed nicer aluminium and alumina coating	N.A.Patel
Bhalerao Ajay	111311003	Effect of inoculation on microsturcture and mechanical properties of gray cast iron	R.S Ranade
Lohakare Pawan	141411008	Effect of inoculation on microsturcture and mechanical properties of gray cast iron	R.S Ranade
Vivek madhukar gaikwad	111111017	Effect of load on Properties of D3 tool steel under abresive wear conditions	Vilas Gunjal
rajsi Kishore ayachit	111111065	Effect of load on Properties of D3 tool steel under abresive wear conditions	Vilas Gunjal
Mrudul velhal	111311070	Effect of multiple stress relieving Cycles on P91 Steel	J.K. chakravart hy
Atul Nangare	111311072	Effect of multiple stress relieving Cycles on P91 Steel	J.K. chakravart hy
Khandelwal Kishan	111211073	Effect of process parameter on properties og thermal spray coating	Nazia Patel
Jadhav Vinod	141311008	Effect of process parameter on properties og thermal spray coating	Nazia Patel
Kajal K patil	111211038	Effect of Quench delay on Properties of Ti6A14V Alloy	N. R.Anand
Pooja G More	111211032	Effect of Quench delay on Properties of Ti6A14V Alloy	N. R.Anand
Shubham Khandare	111311025	Fabrication of Small Size solar cell Laminator and proper lamination of solar cells	M.J. Rathod
Harshal nerpagar	111311038	Fabrication of Small Size solar cell Laminator and proper lamination of solar cells	M.J. Rathod
Aayushi Kale	111211023	Flammability and thermogravimetric analysis (TGA) of polycarbonate /nanoclay nanocomposite	M.G. Kulthe R.K Goyal
Vijay Pawar	141211012	Forging die life improvement by salt bath nitriding	V.S Galphade

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Vaibhav Dhage	1111111061	Forging die life improvement by salt bath nitriding	V.S Galphade
Swapnil Donge	141311002	Impact behaviour of medium carbon microalloyed steel under different degree of defromation	N. R.Anand
Shubhangi pawar	111211039	Impact behaviour of medium carbon microalloyed steel under different degree of defromation	N. R.Anand
Janhavika Sonar	111211050	Improvement in wear resistance of polycarbonate /zinc oxide nanocomposite	R.K Goyal
Narayan Shirolakar	111211048	Measurement of electromagnetic interfeerece shielding effectiveness of polymer /graphene nanocompsites	R.K Goyal
Indrayani Kadu	111311021	Novel Three phase PAEK/BaTiO3/Graphene Nanocomposites of Embedded capacitor application	R.K Goyal
shreshtha Mishra	111311033	Novel Three phase PAEK/BaTiO3/Graphene Nanocomposites of Embedded capacitor application	R.K Goyal
Sweta Badakh	141311006	Optimization of sintering parameter and densification for hot press sintering of M3/2 HSS	V.T .Thavale , N.B. Dhokey
Anand Chandurkar	111211010	Optimization of sintering parameter and densification for hot press sintering of M3/2 HSS	V.T .Thavale , N.B. Dhokey
Abhay halikar	111011025	Piezoelectric and ferroelectric properties of Ba1-xPbxTiO3(x=0-0.10) Ceramics	S.P.Butee
Rahul gaikawad	110911095	Piezoelectric and ferroelectric properties of Ba1-xPbxTiO3(x=0-0.10) Ceramics	S.P.Butee
Amit korde	111311028	Polymer /Graphene nanocomposites with low percolation threshold for electromagnetic interference shiedong application	R.K Goyal
Pratik Nimbalakr	111311040	Polymer /Graphene nanocomposites with low percolation threshold for electromagnetic interference shiedong application	R.K Goyal
Hodshil Ganesh	111311017	Rapid Prototyping of Iron and Grphite Powders using fiber Laser	M.J. Rathod
Shelke shubham	111311055	Rapid Prototyping of Iron and Grphite Powders using fiber Laser	M.J. Rathod
Rajat R Machade	111311030	Structure property correlation of carbon steel containing graphite cast iron powder and reduced cast iron powder	N.B.Dhoke y

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Nikhil V. Mandwade	11311030	Structure property correlation of carbon steel containing graphite cast iron powder and reduced cast iron powder	N.B.Dhoke y
Aakash Sheth	111211046	Study of cervice corrosion behviour of body implant type 316L stainless steel in body simulating 9hank solution)condition	S.T.Vagge
Pawan Rochwani	111211043	Study of cervice corrosion behviour of body implant type 316L stainless steel in body simulating 9hank solution)condition	S.T.Vagge
Dhanorkar Suhas	111211015	Study of Electrical Properties of polypropynene sulphide (PPS)/cryomilled Copper composites	K.R kamble
rajat Khairkar	111311024	Study of Zeolite - Polyaniline Nanocomposites for Abti corrosive properties	P.P. Deshpande
Parjanya K rishna	111311044	Study of Zeolite - Polyaniline Nanocomposites for Abti corrosive properties	P.P. Deshpande
Aditya Deshapande	111311001	Synthesis & Characterization of polyaniline - Graphene Composite Paint Coating for corrosion Protection	P.P. Deshpande
Shreeraj Joshi	111311020	Synthesis & Characterization of polyaniline - Graphene Composite Paint Coating for corrosion Protection	P.P. Deshpande
Sachin K sangode	141311003	Synthesis and characterisation of functionally graded material of Al 6061- B4C produced by powder metallurgy	S.U Danagikar
Tanmay Patil	111211060	Synthesis and characterisation of functionally graded material of Al 6061- B4C produced by powder metallurgy	S.U Danagikar
Amit lengare	141311010	Synthesis and optimization of sintering parameter (temp, pressure and time)of AL7075matrix composites	S.U Danagikar
Sabana Ramjan Sayyad	141411010	Synthesis and optimization of sintering parameter (temp, pressure and time)of AL7075matrix composites	S.U Danagikar
Mayur Sambhaji Bhosale	1414111002	Thermal Spray Coating of Zinc on mild steel substrate and effect of laser Heating on zinc coating	M.J. Rathod
Priyanka Marne	141411006	Thermal Spray Coating of Zinc on mild steel substrate and effect of laser Heating on zinc coating	M.J. Rathod
Akashi A. Chavan	111211011	Three phase polymer nanocomposites for elctronic application	R.K Goyal

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Rokade payal Ramesh	111311053	Tribological bahavior of advanced thermally sprayed coating	M.J. Rathod
Neharkar Bhagyshree	111211036	Tribological bahavior of advanced thermally sprayed coating	M.J. Rathod
Shraddha kamdi	141311011	Wear behavior of nitrocarburized and conventional heat treated D2 tool steel	vilas gunajl
Abhijit chinchole	111211012	Wear behavior of nitrocarburized and conventional heat treated D2 tool steel	vilas gunajl