

M.Tech Project
Department of Metallurgy and Materials Science
Year 2018-19

Name	MIS NO	Project Title	Guide name
PATIL DHANRAJ ASHOK	121727011	Impact of sinter alumina and basicity on softening metalizing behaviour in blast furnace	Prof. Madhu Ranjan
BAKSHI SHUBHANKAR DEEPAK	121746002	Effect on heat treatment on stress corrosion cracking of AZ31B Mg Alloy in Simulated Electrolyte	Prof. S.T. Vagge
AKULWAR SAURABH SUNIL	121727015	A Study on behaviour of resistance spot welding on Uncoated and Coated Automotive Grade Steel	Prof. Madhu Ranjan
CHAVAN NISHANT SHESHRAO	121746004	An innovative method for maximisation of iron recovery through carbo thermic reduction and magnetic separation of slime	Prof. Madhu Ranjan
SINGH AKHIL NAWAL KISHORE	121727016	Development of productivity model for high pressure die casting process	Prof. M.J.Rathod
JAISWAL PARESH ISHWARLAL	121746009	Corrosion Behavior of Epoxy Coated AA2014 with Addition of TiO ₂ Nanoparticles	Prof. S.T. Vagge
AGRAWAL RUSHABH KAILASHCHANDRA	121727001	Design Development and validation of aluminium alloy compositions to achieve desired optimum mechanical properties for Gravity die cast components	Prof. M.J.Rathod
SHENDRE GAJANAN SANJAYRAO	121746014	Development of Poly Ether Ketone Matrix Composites as Orthopaedic Implant material	Prof. R.K.Goyal
DHORDE VENKATESH GAJENDRA	121727003	Investigation on effects of quenching partitioning treatment on mechanical properties on high carbon and high silicon steel	Prof. P.G. Ranware
WAGHMARE ROHAN DILIP	121746017	Corrosion Behavior of Epoxy Coated with addition of Al ₂ O ₃ Nanoparticles	Prof. S.T.Vagge
RASAL KRUTIKA SANJAY	121727014	Study on Master Sintering curve of La ₂ Ti ₂ O ₇	Prof. K.R. Kambale
WANWE ANKIT ANIL	121746018	Investigation of Rapid Heating on surface Hardening Characteristics of Shotpeened Alloy Steel	Prof. P.G.Ranware
KOKANE PIYUSH DINESH	121727009	Selective laser sintering of pure Iron Powder By Fiber Laser	Prof. M.J.Rathod
SHIROLE RANJEET VILAS	121746015	Effect of Quenching on electrical properties of Calcia Stabilized Zirconia	Prof. S.P. Buty
INGOLE DHAMMJIYOTI KAILASRAO	121727006	Effect of Sintering Temperature on the Densification and Electrical Properties of La ₂ Ti ₂ O ₇	Prof. K.R. Kambale
ADITYA DIPAK VICHARE	121746001		Prof. R.K.Goyal
KHARCHE ULHAS KRUSHNA	121727008	Effect of Processing on Texture Microstructure and Mechanical Properties of Alloy AA2014	Prof. R.K.Goyal

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GHORPADE AJINKYA SAMPATRAO	121746006	Synthesis and Characterization of Lithium Zirconates as new dental material	Prof. S.P.Buty
PUNJABI CHARANJYOTSINGH INDRAJEETSINGH	121727012	Structure property co relation of hot die tool steel with special referances to H13 tool steel	P.P.Deshpand e
BANSODE SAMARTH PANDURANG	121746003	Effect of Thermomechanical processig on the evaluation of microsturcture and mechanical properties of Alloy (AA6061)	Prof. A.M.More
CHAUDHARI ANIKET BHAURAO	121727002	Galvanostatic Deposition conducting Poly (O-Anisidine) on electroless nickel plated low carbon steel	P.P.Deshpand e
RAMPURE AVINASH GANESHRAO	121746013	Effect of substitution of mangansium and conducting polyaniline in zinc pigmented paints	P.P.Deshpand e
THAKUR CHETANSINGH VIJAYSINGH	121727018	Influence of intermediate cryogenic treatment on the microstructures and wear mechanism of AISI D2 Steel	Prof. N.B.Dhokey
HARIBHAKT BHUSHAN RAJENDRA	121746007	High Temperature Mechanical Properties of H13 Steel	Prof. S.P. Buty
GUJAR KOMAL ASHOK	121727005	Effect on CNT on thermal properties PEK polimer matrix composite	Prof. M.G.Kulthe
TELANG KULDEEPAK TATOBA	121746016	Effect of heat treatment on plough Crusher materials of tractor operator reversible mould board Plough	Prof. S.U. Dangarikar
MANE GANESH NIVRUTTI	121727010	Effect of heat treatment on (M3/2+B4C)compacts manufactured by HPS method	Prof. V.T. Thavale
DIXIT ADITYA JAYANT	121746005	Electrical Properties of MWCNTs Renforced High Performance Polymer Nanocomposities	Prof. M.G. Kulthe
GORE SHAILESH BHASKARRAO	121727004	Development of Eutectic High Entropy CoCrFeNiMx Alloy Synthesized Through Arc Melting Route	Prof. V. Poddar
JADHAO ROSHANI VIJAY	121746008	Precipitation hardening of self lubricated hybride composite	Prof. S.U.Dangarika r
Nitin Vitthalrao Rasve	121827008	Impressed Current cathodic protection of polypyrrole coated RCC bar in simulated concrete pore solution	Dr P P Deshpande