

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

Name	MIS NO	Project Title	Guide name
SANKET CHAUDHARI	121646004	STRUCTURE PROPERTY CORRELATION OF DUAL PHASE AND HSLA STEELS	Madhu ranjan
SRIKANT RAMNATH SABLE	121646013	STEADY STATE HEAT FLOW CHARACTERISTICS IN A CYLINDRICAL HEAT EXCHANGE CONTAINING SALT MIXTURE (KNO ₃ -NaNO ₃) AND NANO PARTICLES (Al ₂ O ₃ /SiO ₂ /GRAPHITE	V. Poddar
LAV SINGH	121646010	DEZINCIFICATION FROM BLAST FURNACE SLUDGE/DUST	Madhu ranjan
VAIRAGADE AMRUTA RAJENDRA	121627018	SYNTHESIS OF La ₂ Ti ₂ O ₇ BY VARIOUS SOLID STATE REACTION METHODS	S.P.BUTEE Prof.K.R.Ka mble
DHANORKAR ROHIT RAMESHRAO	121646006	MICROSTRUCTURE AND MECHANICAL PROPERTIES OF THERMOMECHANICALLY TREATED MICROALLOYED 34CrMO ₄ STEEL	S.P.BUTEE
VAIBHAV RANJIT PATIL	121646011	CHARACTERIZATION OF HOT WIRE NARROW GAP TIG WELDED AUSTENITIC STAINLESS STEEL PIPE	J.K.Chakrav artty
PRAVEEN KUMAR	121646012	CALCULATION OF ENTHALPY OF FORMATION OF INTERMETALLIC IN Ni-Al-Zr SYSTEM USING DENSITY FUNCTIONAL THEORY	P G Ranaware
TEJAS LOKARE	121646016	EFFECT OF COMPOSITION SENSITIZATION AND PRODUCT FROM ON CREEP DEFORMATION BEHAVIOUR OF Ti MODIFIED 15Cr-15Ni TYPE FUEL CLADDING	J.K.Chakrav artty
DHAVAL VAIBHAV MOHAN	121646007	DESIGN AND DEVELOPMENT OF 3D PRINTING SETUP AND SELECTIVE LASER SINTERING OF BRONZE POWDER WITH VARYING PULSED FREQUENCY	M J Rathod
JADHAV MONIKA LAXMANRAO	121627006	SYNTHESIS AND CHARACTERIZATION OF Al ₇ O ₇ S SELF LUBRICATED HYBRID COMPOSITES	S U Dangrikar
CHAITANYA D. BAKARE	121646003	SURFACE NANOCRYSTALLISATION OF AISI 316 BY SHOT PEENING	P G Ranaware
AMOL DIGAMBAR SHEWALKAR	121646015	EFFECT OF PARAMETERS IN HIGH PRESSURE DIES CASTING PROCESS ON QUALITY OF CYLINDER BLOCK	M J Rathod

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DHAS PANKAJ BHAGWAN	121627002	CORROSION BEHAVIOUR OF EPOXY COATED AA2014 WITH ADDITION OF TiO ₂ NANOPARTICLES	S T Vagge
ANIL G JADHAV	121646002	TECHNOLOGY DEVELOPMENT FOR THE DRY GRAULATIONS OF STEELMAKING SLAG	Madhu ranjan
SNEHAL RAJESH CHAUDHARI	121646005	INFLUENCE OF p-TYPE AND n-TYPE ADDITIVES ON THERMOELECTRIC BEHAVIOUR OF β -FeSi	V. Poddar
NIKHIL LAD	121627010	CONDUCTING POLYPYRROLE NANO ZINC OXIDE COMPOSITE BASED PAINTS FORCORROSION PROTECTION OF LOW CARBON STEEL	P P Deshpande
VAIBHAV R GUNJAL	1216270017	LASER BRAZING OF MILD STEEL SHEETS WITH BRONZE POWDER FILLER MATERIAL	M J Rathod
YOGESH KHAPRE	121627009	CONDUCTING POLYPRROLE ZEOLITE COMPOSITE BASED PAINTS FOR CORROSION PROTECTION OF LOW CARBON STEEL	P P Deshpande
MAHESH D JAGDALE	121627007	EFFECT OF HEAT TREATMENT ON STRESS CORROSION CRACKING BEHAVIOR OF AZ91D MAGNESIUM ALLOY IN SIMULATED BODY FLUID	S T Vagge