

B.Tech Project 2021-22

Department of Metallurgy and Materials Science

Sr. No	Student Name	MIS Number	Project Title	Guide Name
1	Suyash Peshave	111811019	Development of sustainable process for clean energy generation using iron powder	Prof. N. B. Dhokey
2	Aniket Deokar	111811051	Fabrication of graphine reinforce aluminium based comosite for heat sink application	Prof. N. B. Dhokey
3	Kiran Gaikwad	111811058	Fabrication of graphine reinforce aluminium based comosite for heat sink application	Prof. N. B. Dhokey
4	Shubham Kodare	111811066	Development of sustainable process for clean energy generation using iron powder	Prof. N. B. Dhokey
5	Rohan Magar	111811079	Iron powder for food fortification and pharmaceutical application	Prof. N. B. Dhokey
6	Habib Pathan	141911004	Iron powder for food fortification and pharmaceutical application	Prof. N. B. Dhokey
7	Aryan Jain	111811038	Impact of single ageing and sounle ageing on mechanical properties of AL6063	Dr. S. U. Dangarikar
8	Pawan Bang	111811064	Synthesis of TI-6AL-4V by Powder Metallurgy	Dr. S. U. Dangarikar
9	Rohan Agrawal	111811070	Impact of single ageing and sounle ageing on mechanical properties of AL6063	Dr. S. U. Dangarikar
10	Venkatesh Wahadane	111811075	Synthesis of TI-6AL-4V by Powder Metallurgy	Dr. S. U. Dangarikar
13	Abhay Kadbe	141911002	Effect of process parameters on mechanical propertise of high pressure die cast aluminium A380 Alloy	VTT
14	Sandesh Suryawanshi	141911008	Effect of process parameters on mechanical propertise of high pressure die cast aluminium A380 Alloy	VTT
15	Aditya Bhave	111811072	Synthesis of novel composite multiferroics (LaO.7SrO.3MnO3&LaO.7SrO.3TiO3)	Dr. Vaishali Poddar
16	Aditya Phase	111811081	Synthesis of novel composite multiferroics (LaO.7SrO.3MnO3&LaO.7SrO.3TiO3)	Dr. Vaishali Poddar
17	Rahul Rajgadkar	111811020	Use of cascaded thermoelectric to improve the efficiency of phhtovoltaic cell	Dr. Vaishali Poddar
18	Amar Khedkar	111811050	Use of cascaded thermoelectric to improve the efficiency of phhtovoltaic cell	Dr. Vaishali Poddar
19	Akshata Kadam	141911001	New scalabale synthesis route for high entropy alloy	Dr. Vaishali Poddar
20	Rutuja Sangale	141911007	New scalabale synthesis route for high entropy alloy	Dr. Vaishali Poddar
21	Aishwarya Pande	111811016	Laser cladding of high Entropy alloys	Prof. M. J. Rathod
22	Atharv Nichal	111811053	Laser weiding of dissimiler materials -Copper to stainless steel.	Prof. M. J. Rathod
23	Sahil Shaikh	111811059	Laser weiding of dissimiler materials -Copper to stainless steel.	Prof. M. J. Rathod
24	Mahima Saharkar	141911006	Laser cladding of high Entropy alloys	Prof. M. J. Rathod
27	Dayanand Ranade	141911005	Study of microstructure evolution of AA2091 during hot compression using Numerical simulation and validation of experiments	Dr. A. M. More
28	Vaibhav Zade	141911010	Study of microstructure evolution of AA2091 during hot compression using Numerical simulation and validation of experiments	Dr. A. M. More
29	Shravani Datir	111811044	To Study the influence of hot rolling parameters on mechanical properties (YS,UTS) of IS2062E350 Grade of Steel.	Dr. Madhu Ranjan

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30	Aman Zambad	111811049	To Study the influence of hot rolling parameters on mechanical properties (YS,UTS) of IS2062E350 Grade of Steel.	Dr. Madhu Ranjan
31	Rahul pande	111811068	Influence of hot rolling parameters on charpy impact energy with respect to IS2062E350 grade of Steel	Dr. Madhu Ranjan
32	Rohan padile	111811069	Influence of hot rolling parameters on charpy impact energy with respect to IS2062E350 grade of Steel	Dr. Madhu Ranjan
33	Sumedh Kothawade	111811010	Effect of low temperature on impact toughness of additive manufactured (AM) Ti6Al4V alloy	Prof. Bhanu Pant
34	Kapil Thakur	111811029	Effect of low temperature on impact toughness of additive manufactured (AM) Ti6Al4V alloy	Prof. Bhanu Pant
35	Mrudul Parasnis	111811060	Thermal Barrier coating on nickel based super alloys using high entropy alloys	Prof. S. T. Vagge
36	Mrunmayi Gode	111811061	Thermal Barrier coating on nickel based super alloys using high entropy alloys	Prof. S. T. Vagge
37	Shudhanshu Singh	111811039	Metal oxide nano composite as an efficient electromagnetic interference shielding materials for the application of electromagnetic compatibility	Prof. S. T. Vagge
38	Siddhesh Joshi	111811045	Metal oxide nano composite as an efficient electromagnetic interference shielding materials for the application of electromagnetic compatibility	Prof. S. T. Vagge
39	Yash Hedao	111811076		Prof. S. T. Vagge
40	Sakshi Haribhakt	111811082	Corrosion behaviour study of Ti-Mo Laser Cladding on 316L stainless steel for bioimplants application	Prof. S. T. Vagge
41	Srishti Deomore	111811004	Impressed current cathodic protection in association with zinc phosphate based paint coating	Dr. P. P. Deshpande
42	Abhishek Ghatge	111811006	Impressed current cathodic protection in association with zinc phosphate based paint coating	Dr. P. P. Deshpande
43	Pragati Jaju	111811008	Imidazole inhibitors for corrosion protection	Dr. P. P. Deshpande
44	Anjali Nair	111811015	Imidazole inhibitors for corrosion protection	Dr. P. P. Deshpande
45	Ajay Madavi	111811034	Improvement of the wear resistance of Ti-6Al-4V	Mr. A. P. Pacharane
46	Divya Darade	111811054	Cryogenic treatment of Titanium alloy	Mr. A. P. Pacharane
47	Wagesh Bajre	111811056	Cryogenic treatment of Titanium alloy	Mr. A. P. Pacharane
48	Rera Onkar	111811063	Improvement of the wear resistance of Ti-6Al-4V	Mr. A. P. Pacharane
49	Rutuja Dhivar	111711012	Degradation of Tetracycline by gammaC3N4/GaN.ZnO	Mr. A. P. Pacharane
50	Sonali Agawane	111811001	Degradation of Tetracycline by gammaC3N4/GaN.ZnO	Mr. A. P. Pacharane
53	Shraddha Meshram	141911003	A study on Pelletization and reduction of chromite ore-coke composite pellet by hydrogen gas	Prof. Samarjijoy Sarkar
54	Ashwini Vaidya	141911009	A study on Pelletization and reduction of chromite ore-coke composite pellet by hydrogen gas	Prof. Samarjijoy Sarkar
55	Pratik Kaurav	111711024	Wide band gap anatase TiO ₂ /TTIP nanomaterials for photovoltaic applications and its physical properties	Prof. S. P. Butee
56	Vikrant Wade	111811032	Wide band gap anatase TiO ₂ /TTIP nanomaterials for photovoltaic applications and its physical properties	Prof. S. P. Butee
57	Nikita Varma	111811062	PM based Fe-Cu-Cr-Ni-Mn-Mg-Mo high entropy alloy for food fortification	Prof. S. P. Butee
58	Priya Biradar	111811067	PM based Fe-Cu-Cr-Ni-Mn-Mg-Mo high entropy alloy for food fortification	Prof. S. P. Butee

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63	Hrishikesh Deodhar	111811037	Effect of addition of AL ₂ O ₃ and Gd ₂ O ₃ on Microstructure of La ₂ Ti ₂ O ₇	Dr. K. R. Kamble
64	Yash Katkade	111811046	Effect of La site doping on the phase formation and microstructure of La ₂ Ti ₂ O ₇ ceramicis	Dr. K. R. Kamble
65	Aditya Satpute	111811047	Effect of La site doping on the phase formation and microstructure of La ₂ Ti ₂ O ₇ ceramicis	Dr. K. R. Kamble
66	Aishwarya Mulawekar	111811048	Effect of addition of AL ₂ O ₃ and Gd ₂ O ₃ on Microstructure of La ₂ Ti ₂ O ₇	Dr. K. R. Kamble
67	Bhushan Langote	111811012	Study of reaction sintered La ₂ Ti ₂ O ₇ ceramics	Dr. K. R. Kamble
68	Bhushan Morey	111811014	Study of reaction sintered La ₂ Ti ₂ O ₇ ceramics	Dr. K. R. Kamble
69	Rohini Satpute	111811041	Effect of microstructure inclusions and residual stress in steel on bearing auality steel	Ms. A. N. Shinde
70	Gaurang Raskar	111811055	Effect of microstructure inclusions and residual stress in steel on bearing auality steel	Ms. A. N. Shinde
71	Pradnya Ashtekar	111811065	Analysis of residual stress in bearing steel caused by thermal stresses and drill holes using X ray Diffraction	Ms. A. N. Shinde
72	Soniya Pathak	111811080	Analysis of residual stress in bearing steel caused by thermal stresses and drill holes using X ray Diffraction	Ms. A. N. Shinde