

Project list - Energy Engineering and management (2021)

SL.NO	ROLL NO	NAME	GUIDE(S)	TOPIC	YEAR
1	M190435ME	A AKARSH	Dr. Sumer Bharat Dirbude	Numerical Study on Heat Transfer Enhancement in PCM based Latent Heat Energy Storage System	2021
2	M190521ME	ADHIL ALIF MEERAN	Dr. S Jayaraj, Dr. Kumaravel S (EED)	Efficiency Enhancement of Solar Photovoltaic Panels using Thermoelectric Peltier Modules	2021
3	M190731ME	AKHIL VENUGOPAL M	Dr.Biju T Kuzhiveli	Design and Analysis of a Gadolinium based Magnetic Refrigerator	2021
4	M190572ME	ARAVIND G	Dr.T. J. Sarvoththama Jothi	Control of Flow Distortion in Offset Diffuser for Plume Separation	2021
5	M190568ME	ARI SOWNDARYA RANI	Dr.B Rohinikumar, Dr.C Muraleedharan	Design and Analysis of Gravity based Dual-Axis Solar Tacker	2021
6	M190500ME	ARJUN V S	Dr.T. J. Sarvoththama Jothi	Experimental and Numerical Study on Characteristics of Premixed Flames in Curved Tubes	2021
7	M190441ME	BALAVINAYAGAM K	Dr.B Rohinikumar	Numerical Investigation on Battery Thermal Management System for Electric Vehicle Application	2021
8	M190607ME	BONTHA CHARLES DIVYATEJA	Dr.B Rohinikumar	Numerical Investigation on Performance of Passive Cooled Nano-Enhanced PV-PCM System with Fins	2021
9	M190138ME	JASANI BRIJESHKUMAR JITENDRABHAI	Dr.Gangadhara Kiran Kumar L	A Retrofit Approach to Improve Energy Efficiency of Single-Family Residential Buildings: A Case Study of Composite Climate	2021
10	M190466ME	L HANMANT RAO	Dr. Sumer Bharat Dirbude	Numerical Study of Fluid Flow and Heat Transfer in Packed Bed Storage	2021
11	M190636ME	LOMADA KARUNAKARAREDDY	Dr.Arun P, Dr.C Muraleedharan	Analysis of Pyrolysis Kinetics and Pyrolysis Decomposition of Sapindus Mukorossi	2021
12	M190091ME	MAHESHWAR A	Dr.Gangadhara Kiran Kumar L	Thermal Comfort and Energy Analysis of an Office Cabin using Dedicated Outdoor Air System with Ceiling Fan	2021
13	M190431ME	MANOJ KUMAR M	Dr.Sujith Kumar C S	Experimental Investigation on Effect of Additives on Cooling Dynamics of SS304	2021
14	M190475ME	RAHUL KANAJE	Dr.Arun P	Design, Analysis and Testing of a Modified Solar Air Heater based Drying Chamber for Efficient Drying of Sewage Sludge	2021

15	M190641ME	SMRUTI RANJAN SAHOO	Dr. S Jayaraj	Analysis of Different PVT Collectors used for Cogeneration of Heat and Electricity	2021
16	M190504ME	VISHNU N	Dr.B Rohinikumar, Dr.C Muraleedharan	Modelling and Simulation of Double-Pass Solar Air Heater for Solar Drying Application	2021
17	M190458ME	VISHNU V KRISHNAMOORTHY	Dr.Sujith Kumar C S	Experimental and Numerical Analysis of Floating Absorber Solar Still for Optimizing Heat Losses	2021
18	M190086ME	YATELLY AMULYA	Dr.Gangadhara Kiran Kumar L	Experimental and Simulation Study on Hybrid Liquid Desiccant based Dryer	2021