

M. TECH Thesis Detail of DSE

Batch 2017-2019

Sr No.	Student Name	Roll Number	Topic Of Thesis	Thesis Guide
1	Aditya Soni	17MSE001	Simulation of 1MW solar thermal power plant with cogeneration	Dr. Indrajit Mukhopadhyay /Mr. Deepak Gadhia
2	Ankita Sharma	17MSE002	Overall Comperision Between Central and string inverter in the solar PV plast	Dr. Indrajit Mukhopadhyay /Mrs. Bhoomi Shah
3	Manan Bhatt	17MSE003	Impact of Shadow on string inverter based utility scale solar - PV-Wind hybrid power plant	Dr. Abhijit Ray/ Mr. Alpesh Desai
4	Gaurav Dave	17MSE004	Design of battery management system for two wheeler electric vehicle	Dr. Pankaj Yadav / Mr. Rahul Dangar
5	Jay Joshi	17MSE005	Land Usages optimization by combining hydroponic farming technique with solar PV power system	Dr. Pankaj Yadav / Mr. Ahilesh Magal
6	Janak Kanojia	17MSE006	Design of single Axis Time based solar tracking system	Dr. Abhijit Ray/ Mr. Akash Tarkhala
7	Mihir Lad	17MSE007	Investigation of Tublar based solar desalination system integrated with parabolic concentrator	Dr. Abhijit Ray/ Mr. Devang Joshi
8	Dhaval Naik	17MSE008	Cell to Module losses optimisation by re-designing cell interconnections	Dr. Abhijit Ray/ Mr. Hemant Singh
9	Nikunj Usadadia	17MSE009	Hybride Solar still: An Integrated concept of solar PV(BIPV) and Solar (PVT) Technologies	Dr. Indrajit Mukhopadhyay /Mr. Devang Joshi
10	Vansh Pandya	17MSE010	Optimization of BOS for solar power plant	Dr. Abhijit Ray/Mr. Alpesh Desai
11	Sagar Paneliya	17MSE011	Recycling process of C-Si photovoltaic modules by chemical an thermal operation	Dr. Indrajit Mukhopadhyay
12	Parth Prajapati	17MSE012	Impact Analysis of renewable policies on power market	Dr. Pankaj Yadav /Mr. Parikshit Gargyan
13	Uma Sahare	17MSE013	Solar- Wind hybrid system optimization & Mapping potential	Dr. Indrajit Mukhopadhyay /Mrs. Payal Saxena
14	Vatsal Shah	17MSE014	Shadow and MPPT effect on the generation of rooftop solar power plant	Dr. Abhijit Ray/ Mr. Alpesh Desai
15	Mrunmayee Unawane	17MSE016	Matlab & Simulink based control system design & analysis for grid integration of residential solar PV System	Dr. Pankaj Yadav / Mr. Anuj Tiwari
16	Vishwakumar Bhavsar	17MSE017	Integration of newly designed floatovoltaic system with tracking mechanism	Dr. Abhijit Ray
17	Brij Modi	17MSE018	Techno-Comercial optimisation of floating solar with bifacial module technology	Dr. Indrajit Mukhopadhyay /Mr. Rikin Shah