

M. TECH Thesis Detail of DSE Batch 2018-2020

Sr No.	Student Name	Roll Number	Topic Of Thesis	Thesis Guide
1	Ayush Pratap singh	18MSE001	PCM for Battery Thermal Management System	Dr Pankaj Yadav, Prof. Indrajit Mukhopadhyay
2	Jaydeep Brahmhatt	18MSE002	Solar azimuth-TILT Analysis and Industrial pollution effect on Solar power Generation	Dr. Indrajit Mukhopadhyay
3	Harsh Hinsu	18MSE003	Feasibility of Solar based Battery Swapping Station	Dr. Abhijit Ray
4	Tej Joshi	18MSE004	Sun Tracking & Stability for High Altitude Balloon Payload Effect of Seasonal Temperature Variation on PV Power Generation	Harish Gadhavi (Scientist - SE) Alpesh Desai
5	Urja Kantariya	18MSE005	Performance and technical analysis of Solar Powered E-rickshaw using Flexible PV module	Dr. Parth Bhatt (industry Guide)
6	Dhruv Makwana	18MSE006	Development of Glass to glass Bifacial PV Module & their Reliability Study	Dr. Parth Bhatt (industry Guide)
7	Vishrat Mankad	18MSE007	Prediction of Recyclable PV using Statistical Analysis : Gujarat Model	Dr. KBK Mayya, Prof. Indrajit Mukhopadhyay and Dr. Abhijit Ray
8	Jeet Mehta	18MSE008	Solar Desiccant Air Conditioner	Dr. Jay Vora
9	Raj Mehta	18MSE009	Performance Analysis and validation of Anti-soiling Module	Dr. Parth Bhatt (industry Guide)
10	Patel Krupal R.	18MSE010	Processing, Optimization and Characterization of Amorphous Silicon Thin Film Deposition by PECVD for Photovoltaic Applications.	Dr. Chetan Jariwala (IPR) Dr. Abhijit Ray
11	Yash Patel	18MSE012	Synthesis of Carbon dots	Prof. Indrajit Mukhopadhyay
12	Darshan Prajapati	18MSE013	Plant Layout to optimize thermal losses in large scale rooftopp Photovoltaic plant	Dr. Indrajit Mukhopadhyay, Dr. Abhijit Ray
13	Tirthesh Shah	18MSE014	Validation & Performance Study over Transparent back-sheet(KPf) Module	Dr.Parth Bhatt (Waaree Energies LTD.)
14	Nilesh Sharma	18MSE015	Forecasting and DSM in Grid Stabilization	Mr. Ramkumar Kannan (Industry guide)
15	Hardik Shrimali	18MSE016	Electrochemical-Thermal modeling of commercially available cells in India	Dr. Indrajit Mukhopadhyay Dr. Abhijit Ray
16	Prajval Suthar	18MSE017	Designing of SPV plant integrated with charging infrastructure at River Front Ahmedabad	Dr. Abhijit Ray
17	Vinit Yadav	18MSE018	Designing of SPV plant integrated with charging infrastructure at River Front Ahmedabad	Dr. Abhijit Ray
18	Satya Prakash Sah	18MSE019	Study on How to Replace The Diesel Gensets with Solar Rooftop and Storage	External Supervisor-Pulkit Dhingra