

**M.Tech Project List  
2020-22 Batch  
Chemical Engineering Department  
Pandit Deendayal Energy University**

<b>M. Tech Chemical Engineering - 2020 Batch - Dissertation Topics</b>					
<b>Student ID</b>	<b>Student Name</b>	<b>Project Title</b>	<b>PDEU Supervisor</b>	<b>PDEU Co-Supervisor</b>	<b>External Supervisor</b>
20MCH001	Ishanee Sharma	KINETIC MODELLING OF CO <sub>2</sub> ABSORPTION IN NEW SOLVENTS	Dr Sukanta Dash		
20MCH002	Thakare Yash Virendra	HAZOP study of Chemical Plants	Dr Ashish Unnarkat	Dr Subhankar Roy	Mr Yogendra Dave
20MCH004	Setu Visavadia	Seawater Splitting Augmented Photocatalytic Degradation of Organic dyes using g-C <sub>3</sub> N <sub>4</sub>	Dr. Ravi Tejasvi	Dr. Abhishek Yadav	
20MCH005	Sujay Nagesh Kore	SURGE ANALYSIS OF A CROSS- COUNTRY PIPELINE	Dr Swapnil Dharaskar	Dr Ashish Unanrkat	Mr Ronak Soni
20MCH006	Morker Hiralkumar Subhashbhai	Remediation of BSA and Humic acid using PSF membrane modified with Conducting polymers	Dr Bharti Saini		
20MCH007	Smit vala	MODIFICATION OF POLYSUFロン MEMBRANE FOR THE MITIGATION OF FOULING TENDENCY	Dr Surendra Sasikumar	Dr Manish Sinha	
20MCH008	Harshilkumar Thaker	APPLICATION OF PROCESS INTENSIFICATION TECHNIQUES FOR BIODIESEL PRODUCTION: PROCESS OPTIMIZATION AND KINETIC MODELING	Dr. Pravin Kodgire	Dr. Fiyanshu Kaka	

20MCH009	Kahar Mehul Ashokbhai	CO2 CAPTURE BY ABSORPTION USING NANOFLUIDS	Dr Swapnil Dharaskar	Dr Rajat Saxena	
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<b>M. Tech Energy and Environment Management - 2020 Batch - Dissertation Topics</b>					
<b>Roll no.</b>	<b>Name</b>	<b>Project Title</b>	<b>PDEU Supervisor</b>	<b>PDEU Co-supervisor</b>	<b>External Supervisor</b>
20MCM001	Aadityaraj Gohil	Energy Audit in Industry	Dr Manish Sinha		
20MCM002	Kishan Agarwala	Process Modelling, Simulation and Heat integration of CO2 absorption- desorption process	Dr Sukanta Dash		
20MCM004	Patel Manav G	Adsorption efficiency of composite derived from industrial waste for removal of dye contaminants from waste water	Dr. Anirban Dey	Dr. Himanshu Choksi	