

Roll No.	Name	Dissertation Topic	Faculty Supervisor	Co-Guide
163020008	Prasad A. Dabhade	Modelling of Packed Fluidised Bed With Internal Heat Generation and its Validation	Prof. Sanjay M. Mahajani	Dr. D. Mandal (BARC)
163020010	Murtaza Merchant	Synthesizing Biosurfactant using Yeast	Prof. Pramod P. Wangikar	
163020012	Ritwik Kuity	Separation and Sorting of Particles and Blood Cells Using Microfluidic Device	Prof. Venkat Gundabala	
163020014	Priya Kedia	C/N Ratio Determination and Finding Affordable Cooling Solutions for Growth of Oyster Mushrooms	Prof. K. V. Venkatesh	
163020019	Ritodhish Ghosh	Simultaneous Application of Explicit Model Predictive Control (MPC) and Moving Horizon Estimation (MHE)	Prof. Mani Bhushan	
163020020	Aswathi Prabhakaran	State Estimation of Distributed Parameter System	Prof. Sachin C. Patwardhan	
163020021	Adesh Kumar	Simulation of Cardiac Occlusion Devices	Prof. Jayesh Bellare	
163020022	Meduri Venkata Lakshmi Anusha	Determination of Haemoglobin Percentage in Blood by Chemiluminescence Technique	Prof. Santosh Noronha	
163020024	Mantha Sai Pavan Jagannath	Understanding Defect Formation in Bimetallic Nanoparticles	Prof. Abhijit Chatterjee	
163020028	Tushar Aggarwal	Portable Air Purification System (Individual Scale)	Prof. Santosh Noronha	
163020034	Prithwish Biswas	Application of Reduced Graphene Oxide Modified Electrodes to Fluoride Monitoring in Water	Prof. Rajdip Bandyopadhyaya	
163020035	Arun S.	Life Cycle Assessment of Lignocellulosic Bio-fuels	Prof. Yogendra Shastri	
163020037	Sujit Sagar Modi	Optimizing Composting of Agricultural Residue and Cattle Manure	Prof. Sanjay M. Mahajani	
163020045	Manpreet Singh	Developing One Fluid Solver	Prof. Ratul Dasgupta	
163024002	Jeejo Francis Correya	CFD Simulation of DHT (Trickle Bed) Reactor Internals to Optimize Internals Performance	Prof. Sanjay M. Mahajani	Prof. Ganesh A. Viswanathan
163024003	Ajay Patil	Distillation Column Energy Targeting for Refinery Atmospheric and Vacuum Tower to Identify Energy Saving Opportunities and Improve Overall Energy Efficiency of the Unit	Prof. Madhukar O. Garg	Prof. Sujit S. Jogwar
163024004	B. Sreekanth	Kinetic Modeling Of Isomerization Unit	Prof. Madhukar O. Garg	