



IPS ACADEMY

INSTITUTE OF ENGINEERING & SCIENCE

(A UGC Autonomous Institute, Affiliated to RGPV)

CHEMICAL ENGINEERING DEPARTMENT

(U.G.NBA Accredited up to June 2023)

Summary of Projects/Thesis (2022-2023)

S. No.	Name of Student	Mentor	Title
1	Gargi Soni	Dr. Rajesh Kumar Kaushal	Modeling and simulation of oxidation of SO ₂ through contact process
	Rahul S		
2	Anshika Singh	Dr. Abhinesh Prajapati	Treatment of municipal waste water by electrocoagulation process
	Bhor Rahangdale		
3	Manish Bondre	Dr. Deepak Sharma	Design of Shell and tube heat exchanger
	Mayur Singh Goyal		
	Vishal Singh		
4	Glory Anand Yedke	Mr. Nitesh Parmar	Life cycle assessment on soft drink bottle: Aluminium can vs plastic bottle
	Rishant Goad		
5	Usman Mansuri	Mr. Nitesh Parmar	Simulation of sour water stripper
	Aashutosh Kumar Yadav		
6	Ankash Gupta	Dr. Shamal Sen	Manufacturing of ammonium nitrate by priling process
	Rishabh Tiwari		
	Simran Baweja		
7	Taha Sheopurwala	Mr. Jitendra Patidar	Simulation and optimization of shell and tube heat exchanger
	Narayan Khodre		
8	Vishal Patel	Mr. Yadunandan Deshmukh	A Simulation on design calculations of heat exchanger and distillation process by using DWSIM
9	Shreyanshi Dubey	Mr. Yadunandan Deshmukh	A simulation of Distillation process, Heat exchanger, Reactor and Pumps by using DWSIM