

(Affiliated to Mumbai University & Approved by AICTE, New Delhi, DTE, Maharashtra)

At & Post: Lavel, Taluka: Khed, District: Ratnagiri,

Pin: 415708, Maharashtra State

Tel: 91-2356-262795-99, Fax: 91-2356-262980

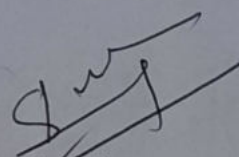
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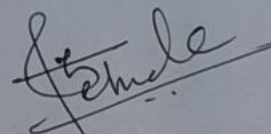
Department of Chemical Engineering

List of Final Year Projects (2021-22)

Department of Chemical Engineering

S. N.	Project Title	Name of Students	Name of Guide	Academic year
1	Modeling Of Gas-Liquid-Solid Fluidized Bed Using CFD	Aniket Subhash Dhanawade / Saurabh Satish Nikam / Shivam Sanjay Bhojane	Dr. S. H. Gharat	2021-22
2	Study Of Gas-Solid Fluidized Bed Using Computational Fluid Dynamics: 2D & 3D	Sunil Mahadev Pawar / Aniket Manohar Chalke / Akshay Prakash Ghanekar	Dr. S. H. Gharat	2021-22
3	Removal of Copper from Industrial Waste Water by Coconut Husk	Ritesh Suresh lad / Shreeyog Mahendra Bade / Nilesh Rajaram Kumbhar	Dr.V.D.Talnikar	2021-22
4	Synthesis of ethyl acetate by using esterification.	Dipak Tupe / Rushikesh Deshmukh	Dr.V.D.Talnikar	2021-22
5	An Investigation on factors affecting the mass transfer in flow process system	Pritam Eknath More / Omkar Suresh Shinde / Vikram Shantaram Nimbare	Dr.S.J.Kulkarni	2021-22
6	Desorption studies for low cost adsorbents	Harshad Somnath Jagtap / Suraj Sanjay Dhamak / Jayraj Sharad Perane	Dr.S.J.Kulkarni	2021-22
7	Experimentation on fixed bed adsorber for various parameters affecting adsorption	Shoab shahaji / Shubham sagvekar	Dr.S.J.Kulkarni	2021-22
8	Hydrogen Generation Through Water Splitting Reaction Utilizing Waste Aluminum And Waste Water	Aniket Santosh Kumbhar / Pratik Pandurang Sutar / Deep Rajan Velhal	Dr.S.P.Tekade	2021-22
9	Co-Pyrolysis Of Plastics Wastes With Agriculture Biomass	Digaskar Kamalesh Ramchandra / Chavan Prathamesh Raghunath / Indulkar Dhanashree Rajesh	Dr.S.P.Tekade	2021-22
10	Hydrodynamic Study And CFD Simulation In Rectangular Photo Bio Reactor	Prathamesh Nagesh Gawande / Yogesh Vijay Iswalkar / Saim Gite	Dr. S.M.Teli	2021-22
11	Mass Transfer Study And Cfd Simulation in Dual Impeller Ruston Turbine In Stirred Tank Reactor	Shantanu Shailesh Chavan / Manal Mubeen Khot / Sanket Dhondiram Kokare	Dr. S.M.Teli	2021-22
12	Comparison Of Microwave, Ultrasound- Assisted Degradation Process For Synthetic Organic Pollutants	Sanket Gautam kadam / Manas Prakash kale / Yashodeep rajendra kasare	Dr. S.D.Ayare	2021-22


Project Coordinator


Head of the Department


Principal
GHARDA INSTITUTE OF TECHNOLOGY
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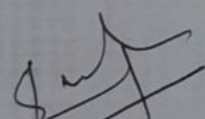
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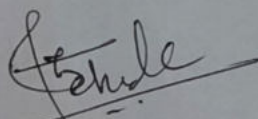
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13	Application Of Hydrodynamic Cavitation Reactors For Treatment Of Wastewater Containing Organic Pollutants: Intensification Using Hybrid Approaches Like Combination With Photolysis	Siddhesh Chandrakant Adhikari / Vivek santosh jangam / Mandar Patil	Dr. S.D.Ayare	2021-22
14	Process Intensification Of Extracting Azadirachtin From Neem Seeds	Gauri Santosh Shinde / Kruthik Krishna Navale / Deesha Suryakant Narvankar	Prof. Nalwala R.G	2021-22
15	Synthesis of Alkyd resin from the Polyethylene terephthalate	Aakanksha Mukesh Mhatre / Nandakumar Vijay Gurav	Prof. Nalwala R.G	2021-22
16	Microencapsulation Of Limonene Using Polyurethane And Polyurea	Shubham Rajesh Devalekar / Akash Suresh Ghadage / Kherade shubham Ramesh	Prof. Nalwala R.G	2021-22
17	Synthesis of biogas from kitchen waste	Sanchit Subhash Nikam / Vivek Sanjay Gaikwad / Pankaj Daji Jamale	Prof. Galande N. D.	2021-22
18	Synthesis of methanol from kitchen waste	Ashutosh Gajanan Parte / Vaibhav Mahesh Gude / Sagar Dadasaheb Kaygude	Prof. Galande N. D.	2021-22
19	Esterification of n-Butanol with Acetic Acid using Homogeneous/ Heterogeneous catalyst	Kumar Devappa Mode / Saurabh Sudesh Mohite / Prathamesh Deepak More	Prof. Galande N. D.	2021-22
20	Purification of crude glycerol from biodiesel industry using physico chemical treatments	Vishnu sanjay khandekar / Rohan Ramesh Bolke / Sunil Ashok Gaikwad	Prof. Galande N. D	2021-22
21	Removal Of Metal Ions From The Wastewater By Natural Adsorbent	Rohan Raju Jadhav / Manoj Daji Jadhav / Shrishail Shrikant Palande	Prof. Mapara J.V.	2021-22
22	Extraction Of Essential Oil From Almond	Vishal Vilas Phalaskar / Manasi Narayan Madav / Rohit Jotiram Mane	Prof. Mapara J.V.	2021-22
23	Degradation of Mordent yello 3 Dye Using advanced oxydation process	Aditya Ashok Waje / Shubham Santosh Ambre / Surendra Pachakale	Prof. (Mrs). Jadhav S. P.	2021-22
24	Degradation of tartrazine Dyes Using Hydrodynamic Cavitation Combined with Advanced Oxidation Processes	More Sachin Karbhari / Jadhav Chetan Damodar / Shiledar Rushikesh Haribhau	Prof. (Mrs). Jadhav S. P.	2021-22


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