

(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

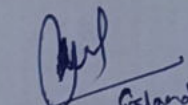
First Engineering College in Konkan Accredited by NAAC

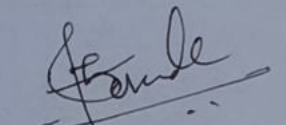
Department of Chemical Engineering

List of Third Year Mini Projects (2021-22)

Department of Chemical Engineering

S. N.	Project Title	Name of Students	Name of Guide	Academic year
1	Study of flow of granular materials	Patil Vishvajeet Vijay Sindhu / Wagh Harshad Hanmant Archana / Wagh Harish Hanmant Archana	Dr. S. H. Gharat	2021-22
2	Experimental study of pressure drop calculation in a gas-solid Fluidized bed	Shigvan Jeevan Lahu Sangita / Kamble Archana Vaibhav Manisha / Kalekar Amruta Uttam Jayashri	Dr. S. H. Gharat	2021-22
3	Study of minimum Fluidization velocity in a gas-solid Fluidized bed	Hore Shrejal Mahavir Ujjwala / Yadav Pragati Dnyandev Lata / Jaitpal Snehil Chandradeep Chaitali	Dr. S. H. Gharat	2021-22
4	Fundamental study of adsorption process	Kadav Shubham Ajit Amruta / Palekar Abhishek Santosh Sanjana / Shigvan Aditya Ajit Anuja	Dr. V.D.Talnikar	2021-22
5	Comparative study of Homogeneous and Heterogeneous Catalysts for Esterification of acetic acid and methanol.	Hole Sandesh Sharad Nanda / Sutar Roshan Rajaram Reshma / Gaikwad Shankar Mohan Rajabai / Jadhav Mayur Mahendra Mayuri	Dr. V.D.Talnikar	2021-22
6	Comparative study of different adsorbents for heavy metal removal from water	Jedhe Rutik Ramesh Pushpa / Pondkule Prajval Sanjay Rckha / Kadam Rushikesh Vijay Pramila	Dr. V.D.Talnikar	2021-22
7	Classification, Segregation, Reuse and Recycle of Solid Waste	Parkar Saima Munawar Shirin / Mulukh Rutuja Santosh Rohini / Narahari Gautami Jagdish Kanchan	Dr.S.J.Kulkarni	2021-22
8	Study of minimum Fluidization velocity in a gas-solid Fluidized bed	Kalshekar Burhan Abdul Rasheed Shirin Banu / Bhatikare Gaurav Vidyadhar Sushma / Shinde Akash Mohan Kanchan	Dr.S.J.Kulkarni	2021-22
9	Biodiesel production from non-edible oil	Jadhav Gaurav Babasaheb Sarika / Pawar Ankit Anil Rupali / Dalvi Rutik Shivaji Shilpa	Dr.S.P.Tekade	2021-22
10	Pyrolysis of Waste Plastics	More Sarvesh Sadashiv Archana / Mahadik Abhijeet Ramesh Seema / Shinde Vishal Lahu Shobha	Dr.S.P.Tekade	2021-22
11	Hydrodynamic study and CFD simulation of Fluidized bed reactor	Jangam Shubham Deepak Dipti / Patil Jatin Ganesh Karuna / Shetye Aditya Chandrakant Chhaya	Dr. S.M.Teli	2021-22
12	CFD simulation and Population Balance Model in Stirred Tank Reactor with Dual Impeller Ruston Turbine	Shinde Ganesh Rajendra Sangita / Agre Harshal Ramakant Seema / Shingote Nikhil Dattatray Mangal	Dr. S.M.Teli	2021-22


Project Coordinator


Head of the Department


Principal
GHARDA INSTITUTE OF TECHNOLOGY
A/P. Lavel, District: Ratnagiri
Pin 415 708, Maharashtra State

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


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

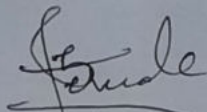
Pin: 415708, Maharashtra State

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

First Engineering College in Konkan Accredited by NAAC
Department of Chemical Engineering
List of Third Year Mini Projects (2021-22)
Department of Chemical Engineering

S. N.	Project Title	Name of Students	Name of Guide	Academic year
13	Studies of Residence Time Distribution in Rectangular External Loop Air lift Reactor	Pandit Prajwal Dipak Lata / Suryawanshi Aniket Sanjay Ganga / Bhoite Rohit Appaso Sunita	Dr. S.M.Teli	2021-22
14	Hydrodynamic Cavitation: A Promising Novel Technology for Industrial wastewater treatment.	Bhagane Hrshikesh Anant Ankita / Sawant Omkar Mangesh Manisha / Tambat Paresh Ramesh Reshma	Prof.S.D.Ayare	2021-22
15	Microwave-assisted chemical oxidation of industrial wastewater	Pangarkar Bhavesh Bhaskar Bhawana / Dhuri Tejas Tatya Tejaswini / Bhagat Chetan Chandrakant Janhavi °	Prof.S.D.Ayare	2021-22
16	Conversion of PET to alternatives feedstock	Jagatap Shyam Govind Sushama / Rakhunde Pramod Uttam Suman / Sakpal Tejas Harishchandra Nikita	Prof. Nalwala R.G	2021-22
17	Microencapsulation of limonene using Melamine Formaldehyde	Patil Krupali Jagannath Tai / Dalavi Sampada Vilas Varsha / Sanas Siddhant Balkrushna Sandhya	Prof. Nalwala R.G	2021-22
18	Synthesis of biodiesel from kitchen waste	Kocharekar Jayesh Umesh Anuradha / Parmar Aniket Kishor Bharti / Dagadkhair Eknath Navnath Shobha /	Prof. Galande N. D.	2021-22
19	Catalytic transformation of ethyl acetate from acetic acid	Kadlag Bhushan Rajendra Pramila / Sonawane Umesh Sanjay Shobha / Jangam Tejesh Dattatrey Sangita	Prof. Galande N. D.	2021-22
20	Removal of metals from waste water	Parkar Abdulkadir Samir Saida / Palkar Aashutosh Sandesh Geeta / Mahadik Rohan Ravindra Rashmi /	Prof. Mapara J.V.	2021-22
21	Extraction of essential oil using steam distillation	Dawrung Vinod Vijay Samita / Bhagat Vaibhav Vinayak Vijayashree / Phalaskar Vivek Vilas Vaishnavi	Prof. Mapara J.V.	2021-22
22	Dye degradation by various methods.	Agre Granthika Anant Tejal / Dhakras Arya Bhaskar Soudnya / Kanade Gauri, Suhass Medha / Vanarse Sejal Sanjay Smita	Prof. (Mrs). Jadhav S. P.	2021-22
23	Decolorization of Dye Wastewaters by Absorbents	Shinde Laxman Balaso Anjana / Pawar Nikhil Santosh Rupali / Dhanawade Shubham Sudhir Suvarna	Prof. (Mrs). Jadhav S. P.	2021-22
24	Elimination of Chromium from Waste Water Using Various Biosorbents	Dingankar Aditya Rajendra Aparna / Salvi Nikita Namdev Varsha / Mohite Abhijeet Ankush Jyoti	Prof. (Mrs). Jadhav S. P.	2021-22


 Project Coordinator


 Head of the Department


 Principal
GHARDA INSTITUTE OF TECHNOLOGY
 A.P. Lavel, Tal. Khed, Dist. Ratnagiri
 Pin: 415708, Maharashtra State