



## K K Wagh Institute of Engineering Education & Research, Nashik

### Department of Chemical Engineering

### Sponsored Research

Faculty have taken efforts and submitted research proposals at different Funding agency like Department of Science and Technology (DST) and Science and Engineering Research Board (SERB) etc in last three years. The details of Submitted Proposal year wise are shown in below table.

#### Proposal submitted to funding agency

Name of the faculty	Academic Year	Project Title	Project Type Research / Consultancy	Funding Agency	Amount	Duration
Dr. S. N. Jain	2020-21	Treatment of Industrial Effluents Using Industrial and Agricultural Solid Wastes Effective and Intensified Remedy to Water Pollution and Solid Waste Management	Research	Department of science and Technology (DST)	Rs.25,00,000	60 months (submitted*)
Dr. V.S. Mane and Dr. G. B. Daware	2019-20	Intensified removal of pyridine derivatives from wastewater by using Ultrasound and Continuous Column reactor.	Research	Science and Engineering Research Board (SERB)	Rs.28,30,000	36 months (submitted*)
Dr. V.S. Mane and Dr. G. B. Daware	2020-21	MODROB Proposal for Process Instrumentation & Control Laboratory	Research	Modernization & removal of Obsolescence (AICTE)	Rs.1700000	(submitted*)
Dr. S. N. Jain and Dr. G. B. Daware	2021-22	Industrial Effluent treatment Using Agricultural and Industrial Solid Wastes: Intensified Approach to Solid Waste Management and Water Pollution	Research	Department of science and Technology (DST)	Rs. 18,30000/-	36 months (submitted)

\* Not granted

### Industry Sponsored Projects:

Final year Chemical Engineering students have completed sponsored projects in various industries. The detail year wise summary is given in below table;

#### Details of sponsored projects of students of final year Chemical Engg

Sr. No.	Name of the student	Title of Project	Name of Guide	Name of Industry	Academic Year
1.	Saurav Kucheria Rohit Parchure	Plant Design of Manufacture of Ester	Dr. V. S. Mane	Meridian Techniques, Sinnar	2020-21
2.	Sagar Mishra Pranali Dhange	Design of binder blender	Dr. V. S. Mane	DRDO Nashik	2019-20
3.	Sameer Qureshi Dhanraj Vадnagre	Rotary vacuum drier design	Prof. S. N. Derle		
4.	Altamash Khan Jayesh Mahakal	Curing cycle and design for particles of propellants	Prof. Z. K. Deshmukh		
5.	Shete Pratik Ekhande Avinash	Ultrasound assisted Adsorption of 2-4 D amine salt	Prof. G. B. Daware	Ekhande Agro Fertilizers Pvt Ltd., Akole, Ahmadnagar	2018-19
6.	Patil Akanksha Deulgaonkar Pratiksha	Design of condenser (Shell and tube heat exchanger)	Prof. S. S. Shinde	Graphite India Ltd., Ambad, Nashik	2018-19
7.	Shah Shruti Gosavi Vaibhav	Treatment on wastewater using tertiary treatment to reduce process time	Prof. M. K. Ahire	VSCL Ltd., Vadivarhe	2018-19
8.	Avinash Agwan Bhagyashri Shelke	Research on Deodorization of Tyre oil	Prof. Z. K. Deshmukh	Janardhan Fuels, Sinnar	2018-19