

NEWS LETTER
Chemical Engineering Department
(January 2019-June 2019)

Prof. Dr. V. S. Mane,
Head of the Department

The department of Chemical Engineering was established in 1999 with an intake capacity of 60. The department is accredited by NBA, AICTE, New Delhi. It has an extremely dynamic faculty and well experienced supporting staff having strong research interests in conventional & emerging areas of Chemical Engineering.



The department believes in continuous up gradation of the knowledge of the faculty and has been sponsoring the faculty for the post graduation and research programme from last few years. It has ten state of the art laboratories having the equipments worth of Rs. 86,33,912 /- Lakhs. The department has adequate number of computers with latest configuration and internet facilities. The department provides excellent computational facilities including professional software's such as UNISIM, CHEMCAD, ZWCAD, ESPOIR SMART INTERVIEW SIMULATOR and MATLAB to the faculty and the students. In addition to this the department has its own library with 410 books and Chemical Engineering encyclopedia.

The department motivates the students to participate in various national events such as Project Exhibition, Paper Presentation, Model Making and Sports Competition. Many students have also received prizes. The department has a good track of record of academic results. Students of the department secured top ranks at university examinations & achieved success in GATE, GRE & other examinations. The students of the department has been recruited in the top national & international chemical industries & contributing an important role in them. The Department has established students association named ACES (Association of Chemical Engineering Students). ACES organize Seminars, Workshops, Cultural Programmes, Expert Lectures on various topics like Personality Development, Preparation for Competitive Examination, study abroad etc. The association provides a strong platform for overall development of the students.

The department is proactive for good industry institute interaction. Department has signed MoUs with various industries for mutual benefit. Various experts from the industry are invited and industrial visits are organized every year for each class regularly to bridge the gap between theory and practice. The department organizes in plant training for all second & third year students every year in various eminent industries such as BPCL, HPCL, IOCL, Reliance, RCF, Biocon etc. Most of the final year projects get sponsorship from industry.

Department Staff:

Sr. No.	Name	Qualification	Area of specialization	Designation
1.	Prof. Dr. Venkat S. Mane	Ph. D.	Chemical Engineering	Professor & Head of Department
2.	Prof. Vijay N. Mawal	M. Tech, Ph. D Pursuing	Chemical Engineering	Assistant Professor
3.	Prof. Dr. Suyog N. Jain	Ph. D	Chemical Engineering	Assistant Professor
4.	Prof. Gaurav B. Daware	M. Tech, Ph. D Pursuing	Chemical Engineering	Assistant Professor

5.	Prof. Sandip N. Derle	M. Tech, Ph. D Pursuing	Chemical Engineering	Assistant Professor
6.	Prof. Sachin S. Shinde	M. Tech	Chemical Engineering	Assistant Professor
7.	Prof. Piyush P.Joshi	M. Tech	Chemical Engineering	Assistant Professor
8.	Prof. Manohar K. Ahire	M. Tech	Chemical Engineering	Assistant Professor
9.	Prof. Zameer K. Deshmukh	M. Tech	Chemical Engg.	Assistant Professor
10.	Prof. Tejmal B. Mahale	M. Tech	Chemical Engineering	Assistant Professor
11.	Prof. Abhijit S. Kshirsagar	M. Tech	Chemical Engineering	Assistant Professor

Details of publications by the Faculty:

Sr. No.	Name of staff	Title of paper	Journal Details	Academic Year
	Prof. Dr. S. N. Jain	Treatment of dye containing real industrial effluents using NaOHactivated Ficusracemosa and Prunus dulcis based novel adsorbents'	International Journal of Environmental Research (Springer)	2018-19
	Prof. Dr. S. N. Jain	Adsorptive removal of azo dye in a continuous column operation using biosorbent based on NaOH and surfactant activation of <i>Prunus Dulcis</i> leaves'	Desalination and Water Treatment (Desalination),	2018-19
	Prof. Dr. S. N. Jain	Nonlinear Regression Approach for Acid Dye Remediation Using Activated Adsorbent: Kinetic, Isotherm, Thermodynamic and Reusability Studies'	Microchemical Journal (Elsevier)	2018-19

Staff Publications:

Give details of publications by the Faculty in Conference:

Sr. No	Name of Faculty	Title of paper	Event	Organizer	Date
1.	Prof.S. S. Shinde and Prof.G. B. Daware	A revivew:Extraction and characterization of Neem oil from Neem seeds by using modern extraction techniques.	International conference on manufacturing of Neem oil from Neem seeds by using modern extraction techniques	Production Engineering Department , K. K. Wagh Institute of Engineering Education and Research , Nashik-3	15/02/2109

Chemfest Report:

CHEMFEST 2K19

Department of Chemical Engineering organized two day National Level Technical Symposium, CHEMFEST 2K19, on 22nd March and 23rd March, 2019. The theme of the event is “To be Experimental”.

The Symposium contains various Technical competitions like Paper Presentation, Model Making, Poster Presentation, Salt Act and Non Technical Competitions like Box Cricket, Golgappa Race, and Beg Borrow Steal.

The Symposium was inaugurated by Chief Guest Mr. S. R. Bacchav, Sr. Vise President, General Metallisers Pvt. Ltd., Ambad, Nashik, Dr. P. V. Pathak, Goa Energy Development Agency, Goa, Mr. Shyamshankar Singh, Equinox Software and Services Pvt. Ltd., Pune, Mr. Rushikesh Bhandari, Director, The Purchase House, Nashik and Mr. C. R. Mohikar (Petro-project Consultant), Dr. V. S. Mane were present to grace the Inauguration function. Prof. P. P. Joshi, Chemfest Co-ordinator welcomes all dignitaries on the Dias. Dr. V.S. Mane, Head of Chemical Engineering Department promoted welcome speech for the event. Prof. A. S. Kshirsagar, ACES Co-coordinator proposed the vote of thanks for Inaugural Function. The total registrations for various events in ChemFest2k19 were around 400.

Dr. P. V. Pathak, Mr. Rushikesh Bhandari, and Mr. C. R. Mohikar and respective staff heads evaluated the Papers, Posters, Models of participants for Technical Events.

Valedictory function was held on 23rd March, 2019. Chief Guest of the Valedictory function was Dr. P. V. Pathak, Goa Energy Development Agency, Goa He guided students the need of Events such as Chemfest-2K19. Students should take part in such events in order to explore to the new dimensions of the Technology. Dr. P. V. Pathak distributed prizes to all the winners. Prof. P. P. Joshi, Chemfest 2K18 Coordinator delivered vote of thanks for the event.

**Summary of Expert Talks
(January 2019-June 2019)**

Sr. No	Date	Name Of Expert With Designation	Topic Of Talk	No. of Students Present
1.	09/01/2019	Mr. C. R. Mohikar, Petro-Project Consultant, Nashik	Project Engineering	57
2.	23/01/2019	Dr. V. V. Mahajani Superannuated Professor, Institute of Chemical Technology, Matunga, Mumbai	Project Management Part-II	157
3.	24/01/2019	Mr. B. H. Shrikanth Chief Consultant, Sciencia Project Consultant, Pune	Green Chemistry	140
4.	29/01/2019	Dr. P. V. Pathak, Ex-Process Engineer, Godrej Ltd., Mumbai and Goa Energy Development Agency, Saligao, Goa	Industry Entrance Test	57
5.	30/01/2019	Mr. Sohail Shah and Mr. Ajinkya Chopade, Faculty, Career Launcher, 4th Floor, Archit Icon, Above First Cry Showroom, Near Big Bazaar Opp. Nasik Merchant Bank. Patil Lane no.3 Nashik - 422005, Maharashtra	Preparation for MBA Entrance Tests	67
6.	09/02/2019	Mr. Harishankar K. V., GATEWAY INSTITUTE, PUNE	GATE Preparation	53
7.	12/02/2019	Mr. Hemant Sadafale, Faculty, Asian Academy of Professional Training, Pune	Career Guidance after Graduation	66
8.	14/02/2019	Dr. V. V. Mahajani Superannuated Professor, Institute of Chemical Technology, Matunga, Mumbai	Sulphur Recovery Units in Petroleum Industries	66
9.	25/02/2019	Mr. Sagar Nikam, Director, Excellence Learning Centre, Nashik	Preparation of MBA entrance Exams	73
10.	27/03/2019	Mr. Shubham Mukharjee, Alumni, Working in Torrecid India Pvt. Ltd., Baroda	Preparation for Placement Drives	63
11.	27/03/2019	Mr. V. Kiran Kumar, Faculty, Vani Institute for GATE Preparation, Hyderabad	Preparation For GATE Examination	65
12.	03/04/2019	Mr. Ganesh Sapariya, Alumni of Dept., Process Engineer, Gradient Corporation, Chennai	Opportunities after Chemical Engg.	27
13.	04/04/2019	Mr. Rakesh Shelke, Analyst, RAP Analytical Research and Training Center, Nashik	Instrumental Methods for Chemical Analysis	52

Industrial Visit Organised:

**Industrial Visit
(January 2019-June 2019)**

It includes students going on a industrial visit to an organization relating to the profession for which they are being groomed in order to get a feel of the real world and professional demands. It provides a valuable opportunity to discover the realities and the practice of the profession the students are aiming for.



**Summary of Industrial Visit
(January 2019-June 2019)**

Sr. No	Name of the Industry Visited.	Class	No. of students	Date of Visit	Name of the accompanying Faculty
9	Delta Finochem Pvt. Ltd.	TE	40	13/01/2019	Prof. G B Daware Prof. S .S.Shinde
10	Abeline Polymer Ltd. Nashik	SE	57	01/02/2019	Prof. G B Daware Prof. A N Pagar
11	Sewage Treatment Plant, Nashik	TE	73	16/02/2019	Prof. G B Daware Prof. S .S.Shinde
12	Activated Sludge Plant , Nashik – Road, Panchak	SE	69	18/02/2019	Prof. S N Derle Prof. T B Mahale

Brief Summary Of In plant Training done by students:

During inplant training students are deputed to work in an organization related to their professional field and thus get trained in that organization. They usually work on a project for the entire duration.

Department encourages students to undergo In-plant training. Through very good Industry –institute interaction during every summer vacations students are participating in In-plant training. More emphasis is given on participation of large number of students in In-plant training in Industry

Sr. No.	Name and address of the Industry	Name of the Students	Number of students	Duration of training	Specialization
1.	Sugam Chemicals, Pithampur Industrial Area, Pithampur, Dist: Dhar	Sanket Holkar, Jabur Sayyad, Chittaranjan Khairnar	03	01/06/2019 to 15/06/2019	Pharmaceutical By products
2.	Vadiwarhe Speciality Chemicals Ltd, Wadivarhe, Igatpuri, Nashik.	Shweta Deshmukh, Aditya Gorankhi	02	01/06/2019 to 15/06/2019	API Based Company
3.	Hi-Tech Engineering, MIDC Satpur, Nashik, Maharashtra 422007	Tanmay Hemant Upasni	01	01/06/2019 to 15/06/2019	Laboratory Instrumentation, Laboratory Pilot Plants & High Pressure Reactor Systems
4.	Shalimar Paints Ltd., Mumbai Highway, Village Gonde, Tal. Igatpuri, Dist. Nashik 422403	Dip Manojrao Ritpure	01	03/06/2019 to 03/07/2019	Paint industry
5.	Glenmark Pharmaceuticals Ltd, E-37, MIDC Industrial Area, Satpur, Nashik, Maharashtra 422007	Om Korade, Wajahat Sayyed, Mitisha Parmar	03	01/06/2019 to 15/06/2019	Pharmaceutical industry
6.	Jyoti Chemicals, Ambad, Nashik-422010	Omkar Chavan	01	01/06/2019 to 15/06/2019	HDPE & LDPE plastic bottles
7.	Indian Oil Corporation Limited, Panewadi, Manmad 423104, Nashik	Dakshata Pawar Sheetal Patil	02	01/06/2019 to 15/06/2019	Storage Tank Design
8.	Kadwa Sugar Industry Materevadi, Rajaram Nagar, Tal Dindori Nashik 422202	Bhagyashri Dhakane, Anjali Patil	02	01/06/2019 to 15/06/2019	Sugar Industry
9.	Agri Search (India) Pvt. Ltd., At.Post.Pimpalnare. Tal.Dindori, Dist.Nashik- 422004, Maharashtra	Ajay Khandave, Roshan Dhikale, Omkar Kale, Angad Bawaskar, Akshay Pawar, Pooja Mahale, Shruti Niphade Yatish Patil	08	01/06/2019 to 15/06/2019	Micronutrients material

10	Gurinder India Pvt. Ltd., Sector XI, Noida (U.P.)-201301	Swastik Gadroo	01	01/06/2019 to 15/06/2019	Glass Processing
11	Jain Farm Fresh Food Ltd., Jain Valley Jain Food Park, Shirsoli Road, Jalgaon, Maharashtra 425001	Rohit Kothawade, Ashwini Lele,	02	03/06/2019 to 08/06/2019	Food industry
12	Jain Farm Fresh Food Ltd., Jain Valley Jain Food Park, Shirsoli Road, Jalgaon, Maharashtra 425001	Prathamesh Bari, Mansi Kulkarn	02	10/06/2019 to 15/06/2019	Food industry
13	Harman Finocem, Jalna road , MIDC , Aurangabad	Vedant Deshmukh, Anay Barje	02	01/06/2019 to 15/06/2019	Pharmaceutical industry
14	Seven Peaks Winery Pvt. Ltd. A/p Tisgaon ,Gat No.47,Dindori, Nashik-422205	Swara Chaudhary, Vaishnavi pawar, Mayur Wani, Shubham Shelke	04	01/06/2019 to 15/06/2019	Winery
15	Meridian Techniques Plot no 1462-148 Musalgaon Taluka: Sinnar, Nashik	Swapnil Gade Rohit Parchure Abhishek Bhujade Nilesh Vishvambhar Sagar Patil, Akhilesh Nikam	06	01/06/2019 to 15/06/2019	Perfumery
16	Anant Metals and Finisher Ltd. W 157, Ambad , Nashik-422010	Prafulla Sonawane Juned Patel Avinash Nagare Ashwini Prabhakar Aher Aditi Padmakar bhoye Neha Jagtap Rohan Shelar	07	01/06/2019 to 15/06/2019	Electroplating
17	Multimol Micro Fertilizer Industry Ltd. Malegaon MIDC Plot No.B-255 Tal-Sinnar Dist - Nashik	Barhe Jayesh	01	07/06/2019 to 21/06/2019	Fertilizer Industry
18	Advanced Pesticides Sinnar, Nashik	Dipti Patil Kalyani Sonawane Vaishnavi Mhaske	03	01/06/2019 to 15/06/2019	Oral rehydration salts
19	M.B.Sugars & Pharmaceutical Ltd, Nampur road, Nilgavan	Priyanka Champalal Songra	01	01/06/2019 to 15/06/2019	Sugar Industry
20	CEAT Limited, Plot 82, MIDC, Satpur, Nashik, 422 007 Maharashtra	Ardik Bhamre Vikas Jagtap Valmik Satav Swapnil Chabukswar Pravin Bagul Bharat Khade Akash Rajput	07	01/06/2019 to 15/06/2019	Tyre Manufacturing

21	Central Institute of Scientific Research-CIMFR, Telangkhedi Road Nagpur	Tushar Borde Gulshan Bansod Praful Andelkar Tanmay Baviskar Shubham Bawane	05	01/06/2019 to 15/06/2019	Fuel Science (Analysis of Coal)
22	Aarti Drugs Pvt Ltd. Boisar	Deepak Shinde	01	01/06/2019 to 15/06/2019	Ciproflexin mfg
23	Aarti Drugs Pvt. LTD. Tarapur MIDC,Boisar	Tanmay Churi	01	01/06/2019 to 15/06/2019	Ciproflexin mfg
24	S V Plastochem Pvt, Ltd. Janori, Nashik	Varsha Patil	01	01/06/2019 to 15/06/2019	Pharmaceutical Industry
25	Amar Diary, 231/B/3, Station Road , Bodwad Tal-Bodwad, Dist.- Jalgaon	Saurav Kucheria	01	01/06/2019 to 15/06/2019	Milk and milk products
26	Parle Biscuit Pvt. Ltd., Gonde MIDC Igatpuri Nashik	Rutika Kulkarni	01	01/06/2019 to 15/06/2019	Food Products
27	Jain Farm Fresh Food Ltd., Jain Valley Jain Food Park, Shirsoli Road, Jalgaon, Maharashtra 425001	Akshay Digambar Janjire, Damini D. Sonawane	2	01/06/2019 to 15/06/2019	Food processing
28	Rashtriya Chemicals and Fertilizers Limited (RCF), Thal Unit, Alibag, Raigad District- 402208, Maharashtra	Baviskar Aniruddha Mukund, Dengale Amit Anil,AayushGujrati, Ehrrar Shaikh	4	01/06/2019 to 15/06/2019	Chemicals and Fertilizers Plant
29	Fabex Engineering, B-69, MIDC, Ambad, Nashik-422010	More Rupesh Shantaram, Renival Shubham Vinod	2	01/06/2019 to 15/06/2019	Instrumentation
30	HIL India Ltd, Rasayni, Dist. Raigad	Prathmesh Jondhale, Puja Khedekar, Dhruv Patel, Utkarsha Dohe, Shrushti Kantode	5	01/06/2019 to 15/06/2019	Insecticides, herbicides mfg
31	S.V.Plastochem Pvt.Ltd. Janori, Nashik	Somnath Darekar, Sunil Kokare, Dhanashri Ahhirao, Tejaswini Khirari	4	01/05/2019 to 21/05/2019	Pharmaceutical Industry
32	Jindal Polyfilms, Pvt. Ltd. At post Mundhegaon, Igatpuri, Nashik	Kalyani Navlakhe, Geeta Kapile, Vinit Sahnii	3	01/06/2019 to 15/06/2019	Polyfilms mfg
33	Alkyl Amines Chemicals ltd., D6/1,Kurkumbh Industrial Area, Kurkumbh MIDC,Taluka Daund	Ketan Gandhi	1	01/06/2019 to 13/07/2019	Fine Chemicals
34	Delta Finochem Pvt.Ltd. Wadivahre, Nashik-422303	Jayesh Mahakal, Altamash Khan, Suraj Yadav,	4	01/06/2019 to 21/06/2019	Active Pharmaceutical

		Shubham Patil			Ingredients, Drugs Intermediates
35	India Oil Corporation Ltd, A-5, NH 3, Near Pandav Leni, MIDC Ambad, Nashik, Maharashtra 422010	Vaishnavi Garud, Tushar Sanap, Shital Dawange, Anand Katkar, Rushikesh Wagh	5	01/06/2019 to 21/06/2019	Design Industry
36	DMCC, Plot No.105, MIDC Dhatav- Roha, Dist- Raigad	Avesh Deshpande, Yash Kulkarni	2	03/06/2019 to 17/06/2019	Chemicals (Acid and Alkali)
37	Rashtriya Chemicals and Fertilizers Ltd., Chembur, Mumbai	JaiswalArchana, Avhad Saurabh, Patel Nirmal, Kaloge Dipali	4	16/06/2019 to 30/06/2019	Chemicals and Fertilizers Plant
38	Sam Consultech, B-24 Flatted Estate, MIDC, Plot No 28,Satpur, Nashik, Maharashtra 422007	SanikaTaskar, Trupti Ingle, Pradnya Barve, Ganesh D. Vahadane, Pooja A. Warungase	5	01/06/2019 to 21/06/2019	ETP
39	Alpha Solvent, A/501,Sanghavi Nakshtra, Dindori Road, Nashik	Bitake Ajay Chhagan, Bhagure Rameshwar Shivlal, Bansode Prashant Anil, Kunde Rahul Dhondu	4	01/06/2019 to 15/06/2019	Chloral (trichloroacetaldehyde)
40	Surfa Coat Chemicals, Velu	Niraj Kulkarni, Prathamesh Natu, Samarth Kharote, Pranali Dhange	4	04/06/2019 to 16/06/2019	All types of surface cleaning chemicals, metal cleansing and coating chemicals
41	Caprihans India Limited, MIDC Nashik	Dhanraj Vadnagare, Anagha Mahajan, RoshniLadange	3	01/06/2019 to 15/06/2019	PVC products
42	Parle Biscuit Pvt. Ltd., Gonde MIDC Igatpuri Nashik	Swami Nandu Shinde, Komal Waje	2	05/06/2019 to 20/06/2019	Chocolates candy like Parle kaccha mango bite, Melody, mazelo toffee .
43	Rashtriya Chemicals and Fertilizers Ltd., Chembur, Mumbai	Shubham Sanjiv Bhavasar, Chirag Rajesh Patel, Raj Yogeshwar Chandsare, Sameer Jilani Qureshi	4	01/06/2019 to 15/06/2019	Chemicals and Fertilizers Plant
44	Mapro Manufacturing Factory, Bhadreshwar Pul, 122, Shendurjane, Wai-Surur Rd, Wai, Maharashtra 412803	Rachit Rawal	1	06/06/2019 to 25/06/2019	Jam / Crush / syrup mfg
45	Lupin pharmaceuticals Pvt. Ltd., Tarapur MIDC, Boisar	Omkar Balasaheb Waykar, Sagar Mishra	2	01/06/2019 to 30/06/2019	Pharmaceuticals

46	Rashtriya Chemicals and Fertilizers Ltd., Chembur, Mumbai	Sumeet Gaikwad, Saurabh Somwanshi, Akash Hire, Lalit Wagh, Mayur Rathod, Dnyandip Jadhav, Vishal Jadhav	7	15/06/2019 to 30/06/2019	Chemicals and Fertilizers Plant
47	Sigma Chemicals, Ozar, Nashik	Anurag Tiwari, Sarang Pathak, Pranjal Ghodke, Abhishek Chaudhari	4	16/06/2019 to 30/06/2019	Pesticides and Fertilizers
48	Central Institute of Scientific Research -CIMFR, Telangkhedi road, Nagpur	Nikhil Domaji Thool	1	01/06/2019 to 15/06/2019	Fuel Science (Analysis of Coal)