

NEWS LETTER

Chemical Engineering Department

(July 2018-December 2018)

**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. 89.60. lack. 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 organizes 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.

Staff List:

Sr. No.	Name	Qualification	Area of specialisation	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. Dhananjay H. Mahale	M. Tech	Chemical Engineering	Assistant Professor
12.	Prof. Abhijit S. Kshirsagar	M. Tech	Chemical Engineering	Assistant Professor

Expert talk Organised:

To bridge gap between curriculum and latest trends and strengthen PEOs, every week expert lectures of professional from industries and other organizations are organized on latest trends in various areas of Chemical engineering, career guidance, IPR, innovation, global warming, project guidance, entrepreneurship development, industrial safety, and guidance on higher Education.

Summary of Expert Talks (July 2018-December 2018)



Sr. No.	Name and Designation of Expert	Topic of Talk	Date	No. of Students Attended
1.	Mr. C. R. Mohikar, Petro-Project Consultant, Nashik	Scope in Petrochemical Industries	10/07/2018	87
2.	Mr. Hiren Panjawani, Faculty, Akshay Study Abroad Consultant,	Higher Study Opportunities abroad	13/07/2018	72
3.	Mr. Sachin Deshmukh, Validation Engineer, Synlait Food Nutrition Company, New Zealand	Skills required and Career Opportunities abroad	21/07/2018	66
4.	Dr. V. V. Mahajani , Ex Professor, Institute of Chemical Technology, Mumbai	Wealth From Waste	03/08/2018	74
5.	Sudhir R Shah, Petroleum Conservation Research Association (PCRA)	Importance of Energy Conservation	29/08/2018	114
6.	Mr. Saurabh Vadghule & Mr. Ankush Rathod, Career Launcher Academy	Preparation for MBA Entrance Tests	30/08/2018	65
7.	Mrs. Smita Bhamare, Stepahead Study Abroad Consultancy, Nashik	Opportunities for Study Abroad	31/08/2018	68
8.	Mr. Yogesh Lawand, (Alumni of 2012 batch) Process Engineer, Larsen & Turbo, Baroda	Scope of Chemical Engineering	05/09/2018	57
9.	Mr. Murtaza Merchant, GATE Qualified Alumnus, M.Tech. IIT, Bombay	Preparation for GATE Examination	06/09/2018	102
10.	Mr. S. K. Kshirsagar, Section Engineer, Hydrology Project, MERI, Nashik	Environment Engineering: Water Quality Management	08/09/2018	102
11.	Mr. Sumedh Devi, GATE Qualified Alumnus, M.Tech. ICT, Matunga,	Preparation for GATE Examination	08/09/2018	72

	Mumbai Work: Galaxy Surfactant, New Mumbai.			
12.	Ms. Rutuja Dharkar, Aluminus, Persuing MBA from JBIMS, Mumbai	Preparation for MBA Entrance Examination	14/09/2018	80
13.	Mr. Omesh Patel, GATE Qualified Alumnus of 2018 batch Persuing M.Tech. ICT, Mumbai	Preparation for GATE Examination	14/09/2018	91
14.	Dr. Ajit P. Rathod, Assistant Professor, Chemical Engineering Department, VNIT, Nagpur, Maharashtra	Process Intensification: Estrification	22/09/2018	116
15.	Mr. Vishnu Pahare, Alumnus, Asst. Commandant (ACP/ Dy. SP) , CRPF, (UPSC Rank-167)	Preparation for UPSC/ MPSC	24/09/2018	87
16.	Dr. V. V. Mahajani Ex. Professor, Institute of Chemical Technology, Matunga, Mumbai	Batch Distillation	27/09/2018	162

Industrial Visit Organised:

Industrial Visit

(July 2018-December 2018)

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 practices of the profession the students are aiming for



Summary of Industrial Visit

Sr. No.	Name of Industry visited	Class	No. of students	Date of Visit	Name of faculty visited
1	Bikusa Paper-mill, Nashik	T.E	59	11/07/18	Prof. G. B. Daware Prof. S. S. Shinde
2	Sunshine Paints, Ambad, Nashik	S.E	41	13/07/18	Prof. Z. K. Deshmukh Prof. M. K. Ahire
3	Godavari Biorefineries Ltd., Kopergaon	B.E	61	23/08/18	Prof. S. S. Shinde Prof. G. B. Daware
4	Hydrology Water Quality Lab, MEERI, Nashik	T.E	55	27/08/18	Prof. G. B. Daware Prof. G. B. Daware
5	Agrisearch Pvt., Ltd., Nashik	B.E	41	30/08/18	Prof. M. K. Ahire Prof. P. P. Joshi
6	Delta Finochem Pvt., Ltd., Nashik	S.E	56	07/09/18	Prof. Z. K. Deshmukh Prof. D. H. Mahale
7	Children Traffic Educational Park, Nashik	S.E	59	11/09/18	Prof. T. B. Mahale Prof. A. N. Pagar

• **List of students Publications in Conference & Journals in 2018-19 by Students:**

S. N.	A.Y.	Name of Student	Title of Paper / Poster	Event with Organiser in Detail	from	To
1.	18-19	1. Shaikh Ehrar R.A.R. 2. Sonwane Damini	Paper: A rice hull used as reinforcement in different matrix to make biodegradable composite : A review	National Chemical Engineering students Conference PRAKALP 2018 by IICHE students chapter MITAoE, Alandi Pune	28/09/2018	29/09/2018
2.	18-19	1. Kantode Shruti 2. Gujrati Ayush 3. Janjire Akshay	Paper: HCNG : a future fuel for Combustion Engine,	in National Chemical Engineering students conference PRAKALP 2018 by IICHE students chapter MITAoE, Alandi Pune	28/09/2018	29/09/2018
3.	18-19	1. Jaiswal Archana 2. Khedekar Pooja	Paper: Plastic Bags as a future fuel,	in National Chemical Engineering students Conference PRAKALP 2018 by IICHE students chapter MITAoE, Alandi Pune	28/09/2018	29/09/2018
8.	18-19	1. Shelke Bhagyashri 2. Agwan Avinash	Published : Deodorization of Tyre Oil using Mint Oil	Academic Science, IJMTE, Volume8, Issue X, October/2018 (ISSN No. 2249-7455)	01/10/2018	01/10/2018
10.	18-19	1. Shelke Bhagyashri 2. Agwan Avinash	Paper: Deodorization of Tyre Oil using Mint Oil	Presented Paper in International Conference "Emerging Trends in Science & Engineering & Management-ICETSEM-2018" by Conference Info with Academic a	14/10/2018	14/10/2018

				Science of at Maratha chamber of commerce Industries & Agriculture, Pune		
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Staff Recognition:

- Dr. S. N. Jain worked as a reviewer for research article in Elsevier Journal (Chemical Engineering & Processing: Process Intensification)
- Dr. S. N. Jain Worked as a Judge for “SCHEMCON 2018” held at ICT, Mumbai on 26th October 2018.
- Prof. S. N. Jain Attended one day workshop of CEO’s at KTHM College, Nashik on 4th September 2018.

Project Exhibition:

Micro Project Competition

Department of Chemical Engineering organized Micro project competition on 13/10/2018.

17 groups of students were participated in the Activity. All the groups were allotted Guides. 1 group Presented working model on 13/10/2018 & 16 groups were presented posters of experimentation work. Two judges were invited for evaluation of the students Projects.

1. Mr. C. R. Mohikar
2. Prof. P. S. Bhandari

First two winners were awarded with cash prize & Certificate. Participants were given certificate for encouragement. Students were found enthusiastic & energetic during the competition. Judges were really happy about the work presented by students & also the kind of efforts taken by faculty of Chemical Engg. Department.



➤ **Mini Project Competition :-**

Department of Chemical Engineering organized Mini project competition on 13/10/2018.

18 groups participated in the Activity. All the groups were allotted Guides. 5 GROUPS Presented working model on 13/10/2018 & 10 groups were presented posters of whatever they have done (experimentation work). & 3 groups presented Power point presentation of assign topic by Dr. V.V. Mahajani sir. Two judges were invited for evaluation of the students.

3. Mr. C. R. Mohikar
4. Prof. P. S. Bhandari

First two winners were awarded with cash prize & Certificate. Students were found enthusiastic & energetic during the competition. Judges were really happy about whatever work presented by students & also the kind of efforts taken by Chemical Engg. Department.

