

ACADEMIC BULLETIN

AY 2014-15

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1. ABOUT DEPARTMENT

Department Vision:

To strive for achieving academic excellence and develop a world class department capable of creating technically competent and socially responsible chemical engineering professionals for meeting the ever-changing aspirations of the industry and society at large.

Department Mission:

- To create a conducive academic ambience through competent and committed faculty along with world class infrastructural back up, wherein the learners can groom and transform themselves into talented engineering professionals with a flair for research and urge for knowledge enhancement.
- To motivate learners interact with professional bodies, industries and other nodal agencies to enable them perform brilliantly and get aligned with the ongoing global technological trends and social aspirations.
- To acquaint learners with green technology and support them develop sustainable designs and systems
- Impart training on soft skills and value education and achieve adequate personality traits.

Program Educational Objectives (PEO):

- To lay a strong foundation in basic sciences and engineering fundamentals, develop capability to solve complicated engineering problems and motivate to pursue research and higher studies.
- To train learners with considerable engineering response in order to develop skills to comprehend, analyse and design systems to address real life problems.
- Inculcate soft skills, professional ethics and multidisciplinary approach so that the learners develop capability to correlate engineering issues in broader social perspective.
- Initiate industry institute collaborative roles and evolve confidence and professional competency in learners to face the industries and global challenges.
- Bring awareness and need for practicing green technology for sustainable growth and development.

Program Specific Outcomes (PSO):

- The students will be able to apply chemical engineering principles to design and operate chemical process plants which are safe, economically viable and environment friendly.
- They will be able to analyse open-ended problems and carry out necessary experimentation to collect, interpret and scale-up data for design of new processes and products.

- They will be able to use the latest software, such as Scilab, HTRI, etc. and if necessary, develop custom software's for simulations and optimizations.
- They will be able to communicate and interact effectively in their professions and maintain the highest professional standards.
- They will be able to start and sustain new enterprises in the specialized technologies.

About the Department:

- Started in the year 1994 with undergraduate program affiliate with university of Mumbai.
- NBA Accredited.
- Intake : BE : 60
- Fully air –conditioned classrooms with LCD projectors
- Laboratory equipped with equipments

Course Offered:

B.E chemical Engineering

2. ADMINISTRATION:

Admin co-ordinator: Prof. Vishal Shah	IChE committee: Prof. Arvind Prasad
Project committee: Dr. V Ramesh , Prof. Sanjay Dalvi	Time table co-ordinator: Prof. Rupali Karande
Placement co-ordinator: Dr. V Ramesh, Prof. S G Sankhe	Alumni co-ordinator: Prof. Rashmi Kumar
Exam co-ordinator: Prof. Pradeep Talwelkar	Mid-term exam co-ordinator: Prof. Vishal Shah
Lab in-charges	Class in-charges
CRE- I – DR. A. MAHAPATRA CRE-II – DR. A. MAHAPATRA EE - DR. A. TAMASKAR MTO-I- DR. A. MAHAPATRA MTO-II- DR. A. MAHAPATRA MSO - PROF. SANJAY DALVI CPNM- DR. V. RAMESH HTO- I- PROF. RUPALI KARANDE HTO- II- PROF. SANJAY DALVI SFMO- PROF. S. G. SANKHE FFO- PROF. SANJAY DALVI	S.E – Prof. Vishal Shah T.E - Dr. A Tamaskar B.E – Prof. Arvind Prasad

3. ACHIEVEMENTS

Dr. A. N. Tamaskar: Executive member and in-charge of students activity of IChE Mumbai Regional centre.

Participation/ presentation/ publication in conferences and seminars

S . N o.	Name of the Staff	Department	Title	Date	National/ International	Venue	Name of conference/ seminar
1	Dr Alpana Mahapatra	Chemical	Conventional Distillation and Vapor Compression Distillation – A Comparative Study	Dec 27-30,2014	CHEMCON 2014	Dr. SSB University Institute of Chemical Engineering & Technology, Panjab University, Chandigarh, India.	CHEMCON 2014, INDIAN CHEMICAL ENGINEERING CONGRESS, 67th Annual Session of Indian Institute of Chemical Engineers
2	ALL FACULTIES	Chemical	PACE	October 2014	National technical Event	DJSCoE	Lecture series- Practical Aspects of Chemical Engineering
3	ALL FACULTIES	Chemical	OYCE 2015	13 th and 14 th March, 2015	National technical Event	DJSCoE	Outstanding Young Chemical Engineers Blast Carbo/ Thyssenkrupp Industrial Solution Awards

4. IChE DJ STUDENT CHAPTER ACTIVITIES

IChE Team: Prof. Sanjay Dalvi : IChE Co –ordinator

Dr. Alpana Mahapatra: Vice – Chairperson of IChE – MRC, 2014-2015.

Dr. Alpana Mahapatra: Honorary Registrar of IChE National Council, Jan-Dec, 2014.

PACE: (Practical Aspects of Chemical Engineering)

Event organised at D. J. Sanghvi College of Engineering (DJSCoE) in association with IChE

5. RESULT ANALYSIS

PARTICULARS	SEM III	SEM V	SEM VII
Appeared	72	80	75
DIST	32	40	05
FIRST	20	15	36
SECOND	04	01	15
PASS	09	0	15
FAIL	07	24	17
Passed	65	56	58
% Passing	90.27	70	77.33

PARTICULARS	SEM IV	SEM VI	SEM VIII
Appeared	75	80	72
DIST	29	29	27
FIRST	28	22	33
SECOND	07	05	9
PASS	0	0	0
FAIL	11	24	3
Passed	64	56	69
% Passing	85.33	70	95.83

6. PLACEMENT DATA

Total no. of Students:

Total no. of Students placed : 11

Average Package : 4.5 lakhs

Students with multiple offers : 01

Sr. No.	Company Name	No. of Students Selected
1	Technimont ICB	01
2	Jacobs	02
3	TCS	06
4	Aker solutions	02

7. STAFF

7.1. Teaching Staff

Dr. V.Ramesh Prof. & Head	
Dr. Alpana Mahapatra Professor	Dr. Aparna Tamaskar Assistant Professor
Prof. Rupali karande Assistant Professor	Prof. Arvind Prasad Assistant Professor
Prof. Rashmi kumar Assistant Professor	Prof. Vishal shah Assistant Professor
Prof. Pradeep Talwelkar Assistant Professor	Prof. Sanjay Dalvi Assistant Professor
	Prof. Shashikant Sankhe Assistant Professor

7.2. Non-Teaching Staff

Mrs. Jyotsna Raut Laboratory Assistant	Ms. R.B. Singh Laboratory Attendant
Ms. Nitin Bhole Laboratory Attendant	

7.3. Visiting Faculty:

1. Dr. A. Jhaveri
2. Prof. Remya Rajan
3. Prof. Harsh Bhatt
4. Prof. Ninad Mehendale
5. Prof. Makarand Gogate
6. Prof. Manami Das