



**Bharati Vidyapeeth College of Engineering,**

**Navi Mumbai**

**Department of Chemical Engineering**

**NEWSLETTER**

**ODD Semester**

**Academic Year: 2019 – 2020**

## Progress Report (Odd 2019-20)

### Department of Chemical Engineering

Activities	Academic Year 2019-20 (Odd Sem.)			Remarks
Average no. of lectures held	SE 40	TE 40	BE 40	
Academic result % (Average of even & odd sem.)	Result awaited	Result awaited	Result awaited	
No. of guest lectures held	-	-	01	
No. of Industrial Visits organized	3			
No. of faculty development programs (FDP) conducted	1			
<a href="https://drive.google.com/open?id=1169aJ04QroSuL80vNgHo7mVLxdM9WMj1KZ9WUzEFFZE">https://drive.google.com/open?id=1169aJ04QroSuL80vNgHo7mVLxdM9WMj1KZ9WUzEFFZE</a>				
No. of FDP attended by faculty	1			
<a href="https://drive.google.com/open?id=1169aJ04QroSuL80vNgHo7mVLxdM9WMj1KZ9WUzEFFZE">https://drive.google.com/open?id=1169aJ04QroSuL80vNgHo7mVLxdM9WMj1KZ9WUzEFFZE</a>				
No. of workshops Organized by Dept.	5			
<a href="https://drive.google.com/open?id=1HI5Y7e6osuDp2_DzyegG8MMnU7yFALQ8BWQAvRY5d00">https://drive.google.com/open?id=1HI5Y7e6osuDp2_DzyegG8MMnU7yFALQ8BWQAvRY5d00</a>				
No. of workshops attended by faculty	1			
No. of publications by faculty members	2			
<a href="https://drive.google.com/open?id=1Mz7ZtEaRm8Y8x46Vs7_YI15ZEvwgWOGGrn2DksM6wNg">https://drive.google.com/open?id=1Mz7ZtEaRm8Y8x46Vs7_YI15ZEvwgWOGGrn2DksM6wNg</a>				
No. of students undergone inplant training in the previous year	53			
<a href="https://drive.google.com/file/d/1SGSSBxDOg0QCKco2Z790wbTf_8BTduTO/view?usp=sharing">https://drive.google.com/file/d/1SGSSBxDOg0QCKco2Z790wbTf_8BTduTO/view?usp=sharing</a>				
No. of lectures conducted on higher studies	-			
<a href="https://drive.google.com/file/d/13fVDtWjtDTMjEakkML8RM9BJm9rkPxsD/view?usp=sharing">https://drive.google.com/file/d/13fVDtWjtDTMjEakkML8RM9BJm9rkPxsD/view?usp=sharing</a>				
No. of students appeared for GATE & qualified	35( will appear in Feb.2020)			
No. of students going abroad & various exams appeared	GRE ( will appear in Feb.2020)	TOFEL ( will appear in Feb.2020)	GMAT ( will appear in Feb.2020)	
No. of counseling sessions conducted	-	-	-	
Value added courses conducted	4			

## Department of Chemical Engineering

Pre Placement training conducted (No. of hr)	40 hr. (B.E.)			
No. of entrepreneurship awareness programmes (FDP)	1			
No. of subjects in which remedial classes conducted	16			
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Cost of the equipments purchased	--			
No. of faculty members acquired higher qualification	-	-	-	
Post graduate ( M.Tech. Chem. Engg.) teaching at University of Mumbai.	Dr. Manisha Bagal and Dr. Shyamala Shingare			
Board of Studies Members for Chemical Engineering, University of Mumbai	Dr. Manisha Bagal and Dr. Shyamala Shingare			
Invited talk on recent trends in Chemical Engineering and Plant utilities at Government Polytechnique, Pen	Dr. Manisha Bagal and Dr. Shyamala Shingare			
Judge for National level Paper presentation at Datta Meghe College of Engineering, Navi Mumbai.	Prof. Vijay Mane			
Judge for “Avishkar”, University of Mumbai	Dr. Shyamala Shingare			
Patents Published	03 (Dr. Manisha Bagal)			
<b>Student’s achievements</b>				
Students shortlisted AICTE-Chatra Vishwakarma Awards regional convention -2020	Tejas Gangan and Shritika Patil (B.E Chemical)			
Second Prize for on the painting event at 52 <sup>nd</sup> Inter Institute CULTURAL YOUTH FESTIVAL	Manas Shetty (T.E.Chemical)			
Best Goal Keeper in Football at 14 <sup>th</sup> National Level sports summit at MIT, Pune	Aishwarya Naik ( S.E.Chemical)			
First prize at ENACT TO REACT competition held at Thadomal Sahani College of	Vishal Patel and Nigil Mohan (B.E Chemical)			

Department of Chemical Engineering

Engineering, Mumbai		
Second prize at COO-IT competition held at Thadomal Sahani College of Engineering, Mumbai	Shrutika Patil, Mahek Khan and Shoeb Khan (B.E Chemical)	
Second prize at CHEM –QUIZ competition held at Thadomal Sahani College of Engineering, Mumbai	Rudra Yadav, Anup Singh (B.E Chemical)	

## Contents

Sr. No.	Name of Event	Date	Name of Coordinator and Faculties
1	Orientation programme for subjects for B.E. (VII semester)	5 <sup>th</sup> July 2019	Dr.S.P.Shingare Prof. M. A. Suryawanshi
2	Tree Plantation Activity	6 <sup>th</sup> July 2019	Prof. G.B.Kumbhar and NSS team
3	Visit to Municipal School, Dhamole	6 <sup>th</sup> Aug. 2019	Prof.V.B.Mane and NSS team.
4	Industrial Visit to TESLA,Taloja	18 <sup>th</sup> Aug. 2019	Prof. M.A.Suryawanshi.
5	Pre-placement Training	26 <sup>th</sup> Aug. 2019 to 30 <sup>th</sup> Aug. 2019	Prof. M.B. Mandake
6	One week workshop/FDP on Process Engineering.	26 <sup>th</sup> Aug. 2019 to 30 <sup>th</sup> Aug. 2019	Prof. M.A. Suryawanshi.
7	Department Advisory Board Meeting	5 <sup>th</sup> Sept.2019	Dr. S.P. Shingare
8	Certification course in Chemical Manufacturing	5 <sup>th</sup> Sept.2019	Prof. V.B.Mane and Prof.M.A.Suryawanshi
9	Parent Teacher Meet -2019	14 <sup>th</sup> Sept.2019	Head, Class Advisors and Subject teachers
10	Alumni interaction with B.E. Students	16 <sup>th</sup> Sept.2019`	All Chemical Engineering faculties.
11	TECHPOST (National Level Technical Poster Presentation)	18 <sup>th</sup> Sept.2019	Dr. M. V.Bagal
12	National Level Technical Paper Presentation (NLTPP)	20 <sup>th</sup> Sept.2019	Prof.M.A. Suryawanshi. Prof. V.B.Mane
13	Dasera function	19 <sup>th</sup> Oct.2019	All Faculties and students.

## 1. Report on Orientation program for B.E. Chemical (semester-VII) (CBCS)

**Event:** Orientation meeting

**Date and Time:** 5<sup>th</sup> July, 2019 at 10 am

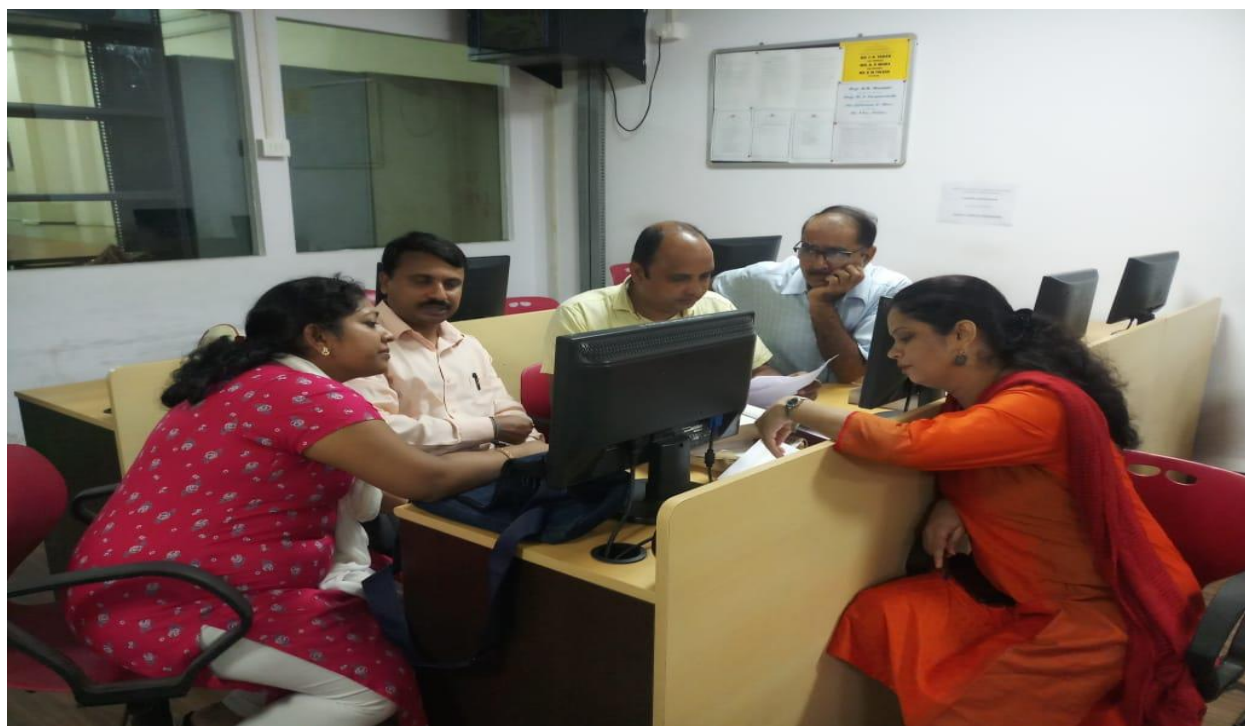
### **Objective:**

To set up the pattern of teaching and question paper for subjects i) Process Engineering, ii) Petrochemicals and Refining Technology , iii) Process Equipment Design and iv) Process Dynamics and Control

### **Summary:**

Faculties from Colleges offering degree in Chemical Engineering affiliated to Mumbai university participated in the meeting. Dr. S.P. Shingare, HOD (Chemical Engineering) addressed all the faculties from colleges. Agenda points were discussed at length. Suggestions from the members, **appreciations** and few short term goals and long term goals set with the discussions.

**Coordinator:** Dr. S. P. Shingare.





**Discussion on various Semester VII subjects in the orientation meeting**



## 2. Report on “Tree plantation activity”

**Event:** Tree plantation at Bharati Vidyapeeth College of Engineering campus

**Date and Time:** 20<sup>th</sup> July 2019. (9 am to 5pm).

**Objective:**

To establish green society of India to be a healthy world: Environment protection. Free distribution of plants to encourage tree plantation and tree preservation.

**Summary:**

Faculty members, non teaching staff and students of Department of Chemical Engineering completed the task of plantation of 50 trees assigned to them by reaching estimated locations. Almost 50 trees planted in Bharati campus and nearby area.

**Coordinator:** Prof.G. B. Kumbhar and NSS team.



**Tree plantation at Bharati Vidyapeeth, CBD, Belpada, Campus**



### 3. Report on “Visit to Municipal School, Dhamoli”

**Event:** Visit to Dhamoli School

**Date:** 6<sup>th</sup> Aug. 2019 (9 am to 5 pm)

**Objective:**

Donation of text books, cleanliness drive and encourage students of Municipal School, Dhamoli.

**Summary:**

Two faculty members from Department of Chemical Engineering and NSS students visited school campus. They interacted with school teacher, students and understood their problem in day to day life at school. NSS team and faculties distributed stationary items and study materials to school students. The objective of this visit was awareness about the “Swachha Bharat” Abhiyan and to motivate students for education.

**Faculty Participated:** Prof.V.B.Mane and Prof. G.B.Kumbhar



**Faculty and students of department of Chemical Engineering interacting with Municipal School, Dhamoli**

#### 4. Report on “Industrial Visit to TESLA, Taloja”

**Event:** One Day visit to TESLA, Taloja

**Date and Time:** 13<sup>th</sup> August, 2019 (9 am to 5 pm)

**Objective:**

To make aware of skill training, incubation Centre and how to initiate R&D activities.

**Summary:**

One day Industrial visit was organized for final year Chemical Engineering students. Students interacted with experts from TESLA centre.

**Contents beyond syllabus Covered:** Skill Training, Incubation, Entrepreneurship Training, etc.

**Coordinator:** Prof.M.A.Suryawanshi, Prof.V.B.Mane, Dr.S.R.Moharir.







**BE Students, Faculties and Experts from TESLA at TESLA INNOVATION CENTER**

## 5. Report on “Pre Placement Training”

**Event:** Pre Placement training

**Date and Time:** 26/8/2019 to 30/8/2019 (9 am to 5 pm)

### **Objective:**

To provide personal and career related support to the students with special emphasis on training the students on employability skills and ultimately provide placement in various industries/organizations by arranging campus recruitment drives.

### **Summary**

Final year Chemical Engineering students undergone pre placement training conducted by “Smart Ways Solutions” for one week. Trainer Mr.Chirag Thakkar covered topics on Personality Development, Soft skills, Aptitude Training, Group Discussion, Resume/CV writing and Personal Interviews. Students enthusiastically participated in the training.



**Pre placement training for final year students by Mr.Chirag Thakkar, Smart Ways Solutions.**

## 6. Report on “One week workshop/FDP on Process Engineering”

**Event:** One week workshop in association with C-PROC consultancy, Gujrat.

**Date and time:** 26<sup>th</sup> to 31<sup>st</sup> August 2019 (9 am to 5 pm)

### **Objective:**

To train students industry ready and expertise in Process Engineering.

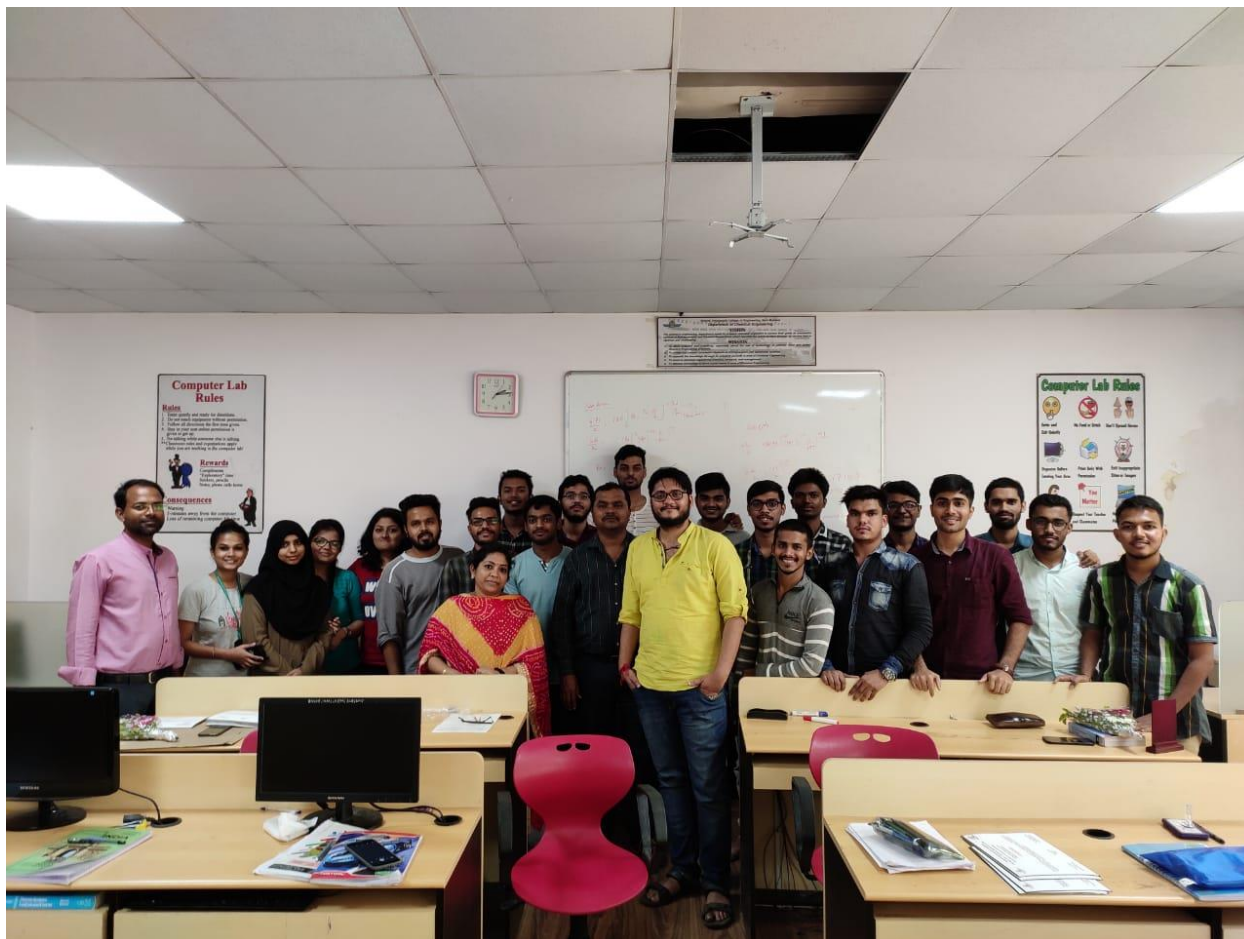
### **Summary:**

Sixty students and 8 faculty members attended the workshop. Mr. Vivek Tiwari gave training on topic related to chemical design problems and solutions.



**Faculty members and students with Mr. Vivek Tiwari, Trainer during workshop on Process Engineering**





Group photo during workshop on Process Engineering

## 7. Report on “Department Advisory Board Meeting”

**Event:** Department Advisory Board Meeting

**Date and Time:** 5<sup>th</sup> September, 2019 at 10 am

**Objective:**

To have interaction between Department and Stake holders from all categories - Industry, Parents, Alumni, Students, faculty members from other colleges etc. to discuss about various points related to the progress of the department.

**Summary:**

Prof. S.P.Shingare, HOD addressed all the stake holders from Industry, Alumni, Parents, Student. Agenda points were discussed at length. Suggestions from the DAB members, appreciations and few short term goals and long term goals set with the discussions.

**Coordinator:** Dr.S.P.Shingare



Discussion during Department Advisory Board Meeting

## 8. Report on “Certification course in Chemical manufacturing”

**Event:** Inaugural function of “Certificate course in Chemical manufacturing”.

**Date and Time:** 5<sup>th</sup> October, 2019 at 2 pm

**Objective:**

Course for a period of one year to employees of Galaxy surfactants Ltd., Navi Mumbai

**Summary:**

Dr. S. P. Shingare, HOD addressed all the guests from Galaxy surfactants Ltd. Dr. S. D. Jadhav Principal and Shri. U. Shekhar, CEO, Galaxy surfactants Ltd. inaugurated the function. MoU has been signed between BVCOE and Galaxy surfactants Ltd. to train the operators of industry.

**Coordinators :** Prof. M. A. Suryawanshi and Prof. V. B. Mane



**Inauguration ceremony , Certification course in Chemical manufacturing.**



## Department of Chemical Engineering



## 9. Report on “Parents-Teacher Meet -2019”

**Event:** Parents –Teachers meet-2019.

**Date and Time:** 14<sup>th</sup> September 2019 (from 9 am onwards)

### **Objective:**

To discuss overall performance of their ward and suggestions for performance improvement.

### **Summary:**

Parents of SE, TE and BE Chemical Engineering students were attended the meeting. They interacted with HOD Prof.S.P.Shingare, respective class advisor and other subject teacher of same class. Some compliments and suggestions for Department were given through feedback which would be considered by HOD for further improvisation and smooth conduction towards success.



**Parents-Teacher Meet -2019**



## 10. Report on “Alumni Interaction with B.E. Students”

**Event:** Alumni Punit Tripathi interacted with final year students about career opportunities.

**Date and Time:** 16<sup>th</sup> September 2019 (11am to 12.30pm)

**Objective:**

Awareness of Market situation & Career opportunities for budding Engineers.

**Summary:** Mr. Punit Tripathi explored various avenues available after graduation, especially he emphasized role of Chemical Engineers in the Chemical Industry. Final year Chemical Engineering students attended the session.

**Coordinator:** Prof. M.A.Suryawanshi



**Mr. Punit Tripathi interacting with the students.**

## **11. Report on “National Level Technical Poster Presentation ”TECH-POST”**

**Event:** National Level Technical Poster Presentation competition **TECH-POST -2019**

**Date and Time:** 18<sup>th</sup> September 2019 (9 am to 5 pm).

### **Objective:**

To provide platform to the students to exhibit their technical talent in the form of innovative poster. To encourage and promote the professional interaction among the students. To enhance the presentation skills of the students.

### **Summary:**

National Level Technical Poster Presentation Competition “ TECHPOST-2019” was organized in association with IChE. More than 125 groups (300 students) from various Engineering colleges in Maharashtra, Karnataka etc. participated in this technical event and made this event a grand success. Prizes and Trophies were awarded to winners as well as certificates were distributed to all the participants. First prize bagged by students from KLE, Belgavi (Karnataka state).

**Judges: External:-**Dr.AratiBarik, MGM college of Engineering, Kamothe,Navi Mumbai

Dr. Sameer Nimkar, BVIT, NaviMumai.

Prof. Nitin Satao, SSJCOE, Dombivili, Mumbai

**Coordinator-** Dr. Manisha V. Bagal



**TECHPOST -2019 team- All faculty members and student volunteers from Department of Chemical Engineering**



**Certificates and Trophy awarded to Winners from KLE college, Belgum (Karnataka) by Prof. N.T.Satao (Judge for the “TECHPOST-2019” event)**

## 12. Report on “National level Technical Paper presentation- NLTPP”

**Event:** Technical paper presentation

**Date and Time:** 18<sup>th</sup> October 2019 (9 am to 5 pm)

### **Objective:**

To provide platform to the students to exhibit their technical talent in the form of innovative paper. To encourage and promote the professional interaction among the students. To enhance the presentation skills of the students.

### **Summary:**

Event was inaugurated by Dr. Sandhya Jadhav, Principal, BVCOE. Dr. S.P.Shingare, HOD Chemical Engineering, with HODs of all other streams were present for inauguration. Principal along with HODs motivated and appreciated students. Total 31 groups from various colleges participated and presented papers in Chemical Engineering stream. Many interesting concept, ideas were implemented by students with the help of technical support.

**Contents beyond syllabuscovered:** Professional skills

**Coordinator:** Prof. M.A.Suryawanshi, Prof.V.B.Mane



**Opening Ceremony of NLTPP 2019**





**Paper presentation session with judges and participants during NLTPP**



**Felicitation of judges :Prof.P.S.Chavan by Prof.V.B.Mane and Prof.P.M.Ingole by  
Dr.M.V.Bagal**



### 13. Dasera Function 2019

**Event:** Report on “Dasera Function 2019”

**Date and Time:** 19<sup>th</sup> Oct.2019 (11 am to 2 pm).

**Objective:**

To celebrate traditional Indian festival.

**Summary:**

Every year Department of Chemical Engineering organises “Dasera Function”. Students and faculties from Bharati Vidyapeeth College of Engineering celebrated this function. Sarasvati puja, Maa Durga puja and aarati were performed





**Dasera Function 2019**