



LOKNETE DR. BALASAHEB VIKHE PATIL  
(PADMA BHUSHAN AWARDEE)  
PRAVARA RURAL EDUCATION SOCIETY'S

**PADMASHRI DR. VITTHALRAO VIKHE PATIL INSTITUTE  
OF TECHNOLOGY & ENGINEERING (POLYTECHNIC),  
LONI** A/p- Loni (Bk), Tal-Rahata, Dist-Ahmednagar, Pin-413736

## NEWS LETTER 2023-24

# CHEMICAL ENGINEERING DEPARTMENT

### ABOUT INSTITUTE

Padmashri Dr. Vitthalrao Vikhe Patil Institute of Technology and Engineering (Polytechnic), ravaranagar (Loni) was established in August 1981. It is one of the first of its kind institute established on No Grant Basis in the State of Maharashtra. The necessity to establish a technical institution in the rural area was felt long back by the great visionary Late Padmbhushan Dr. Balasaheb Vikhe Patil. He was of the firm opinion that it is essential to provide technical education facilities to the rural youths because they are not in a position to compete with their urban counterparts in the race to secure admission in technical institutions due to lack of proper facilities and guidelines. This Polytechnic is consistently training the youth to make them employable or to become self-employed person. In addition to running formal Diploma courses, we take care of overall development of the students by way of training them on soft- skill, industrial training, industrial visits, expert lecturers and value addition courses etc.



### News Letter Highlight

- Institute Vision & Mission
- Department Vision & Mission
- PEO
- Industrial Visit
- Events
  - ShivJayanti Celebration
- Entrepreneurship Development Program
- Programme attended by Faculty
- Paper / Journals Publish
- Students Achievement and Participation
- Campus Placement
- Alumni Visited to Department
- Summer Implant Training
- Photo Gallery
- Annual Social Gathering
- Career Guidance and Personality Development
  - Industry Expert Session During Visit
- Institute & Department Level Events
- Programme Attended By Staff
- Sports Activities
- Curricular Achievements, Project /Quiz/Poster Competition
- Job Fair
- Chunarv ka Parv Desh Ka Garv



## INSTITUTE VISION AND MISSION

### VISION

- To provide quality technical education to rural students.

### MISSION

- M1: To impart trainings for developing hands on skills.
- M2: To develop technical skills by practicing the best teaching-learning pedagogies.
- M3: To enhance career opportunities through industry connect.

## DEPARTMENT VISION & MISSION

### Vision

- To develop rural students as technocrats in chemical field required for society and industry.

### Mission

M1: To train the students in the field of Chemical engineering.

M2: To implement the latest teaching learning pedagogies for better understanding of concepts.

M3: To maximize the job opportunities by establishing healthy relations with employers.

### PEO:

- PEO 1: To identify and solve the problems in chemical industry by using basic principles of science and Chemical engineering knowledge.
- PEO 2: To constantly update students skills and knowledge to meet the growing needs of Chemical Industry profession.
- PEO 3: To utilize the expertise and opportunities of chemical engineering for industry, society and environment.

# INDUSTRIAL VISIT

<b>Visit No.</b>	1
<b>Industry</b>	Raja Rubber & Hydraulics AhilyaDevinagar, MIDC.
<b>Date of visit</b>	14.04.2024
<b>Class</b>	SYCH andTYCH
<b>Faculty</b>	Mr. P.S.Kale, Mr.S.D.Kharde
<b>Beneficiaries</b>	50



<b>Visit No.</b>	2
<b>Industry</b>	Estelle Industries AhilyaDevinagar, MIDC.
<b>Date of visit</b>	14.04.2024
<b>Class</b>	SYCH and TYCH
<b>Faculty</b>	Mr. P.S.Kale, Mr.S.D.Kharde
<b>Beneficiaries</b>	50



<b>Visit No.</b>	3
<b>Industry</b>	Shiv Industries AhilyaDevinagar, MIDC.
<b>Date of visit</b>	14.04.2024
<b>Class</b>	SYCH & TYCH
<b>Faculty</b>	Mr. P.S.Kale, Mr.S.D.Kharde
<b>Beneficiaries</b>	50



<b>Visit No.</b>	4
<b>Industry</b>	AdinovaIngradiantsAhilyaDevinaga r, MIDC.
<b>Date of visit</b>	14.04.2024
<b>Class</b>	SYCH & TYCH
<b>Faculty</b>	Mr.P.S.Kale, Mr.S.D.Kharde
<b>Beneficiaries</b>	50



## EXPERT LECTURE

<b>Lecture No.</b>	01	
<b>Topic</b>	Opportunities in foreign countries.”	
<b>Date of Lecture</b>	08/08/2023	
<b>Class</b>	SYCH and TYCH	
<b>Resource Person</b>	Mr.Rahul Dhamak Application Developer Fujitsu, Tokyo, Japan	
<b>Beneficiaries</b>	98	
<b>Lecture No.</b>	02	
<b>Topic</b>	“Opportunities for Chemical Engineers in Industry”	
<b>Date of Lecture</b>	23/11/2023	
<b>Class</b>	TYCH	
<b>Resource Person</b>	Mr.Bhanudas Harde Senior Executive Alkyl Amine Pvt, Ltd, Daund	
<b>Beneficiaries</b>	75	
<b>Lecture No.</b>	03	
<b>Topic</b>	Opportunities for Chemical Engineers in Food Industry”	
<b>Date of Lecture</b>	12/02/2024	
<b>Class</b>	SYCH	
<b>Resource Person</b>	Mrs.Sushma Yendhe (Ghug) Consultant & Entrepreneur Thane	
<b>Beneficiaries</b>	47	

# EVENTS

## SHIVJAYANTI CELEBRATION

SYCH and TYCH Students Participated in Shiv Jayanti on 19 Feb 2024



# ENTREPRENEURSHIP DEVELOPMENT PROGRAM

Loknete Dr. Balasaheb Vikhe Patil (Padma Bhushan Awardee) Pravara Rural Education Society's

**PADMASHRI DR. VITTHALRAO VIKHE PATIL INSTITUTE OF TECHNOLOGY & ENGINEERING  
(POLYTECHNIC)**

**A Two Day's  
Workshop on**

**"Entrepreneurship Development Program."**



**Mr. Raviraj Bhalerao**  
Director, Sharp Engineering,  
MIDC-Ahmednagar



**Mr. Abhilash Gorhe**  
Samruddhi associates



**Mr. Ajay Kawade**  
Director Qualirich pune



**Mr. Rahul Gadekar**  
Manager Reliance Life Insurance



**Mr. Kailas Talole**  
Insurance Consultant



**Mr. Nilesh Bhagat**  
Director, Addinova Ingredients,  
MIDC Ahmednagar, Alumni 1995

Organized by

**Chemical Engineering Department**

Activate Windows  
Go to Settings to activate Windows.

*2 Day's State Level  
Entrepreneurship  
Development Program  
(EDP)*

*ONLINE / OFFLINE  
MODE*

*From  
09<sup>th</sup>Feb. 2024 to  
10<sup>th</sup>Feb. 2024*

*Organized  
by  
Department of  
Chemical  
Engineering*



## PROGRAMME ATTEND BY STAFF

	Name of Event	Title of Event	From Date	To Date	Organized By
<b>Mr.N.M.GARAD</b>	Social Activity	Tree Plantation	1-1-2023	1-1-2023	PRES Pravaranagar.
	MSBTE Official work	Course Expert	12-2-2024	16-2-2024	MSBTE Pune

	Name of Event	Title of Event	From Date	To Date	Organize By
<b>Mr.A.S.SHIRSATH</b>	Conference	Advanced Wastewater Treatment methods	30-9-2023	2-10-2023	BITS Pilani, Goa

	Name of Event	Title of Event	From Date	To Date	Organize By
<b>Mr.S.C.DIGHE</b>	Conference	Green Ethanol Gas from Grains	30-9-2023	2-10-2023	BITS Pilani Goa

	Name of Event	Title of Event	From Date	To Date	Organize By
<b>Mr.P.S.KALE</b>	Conference	Green Ethanol Gas from Grains	30-9-2023	2-10-2023	BITS Pilani Goa

	Name of Event	Title of Event	From Date	To Date	Organize By
<b>Mr.P.R.GULVE</b>	FDP	Sustainability in process industry	18-12-2023	22-12-2023	Dr.VishwanathKarad MIT World peace university
	MSBTE Official work	Course Expert	12-2-2024	16-2-2024	MSBTE Pune
	MSBTE Official Work	Course Expert	11-3-2024	15-3-2024	MSBTE Pune

	Name of Event	Title of Event	From Date	To Date	Organize By
<b>Miss.A.G.KHARDE</b>	Seminar	National Education policy 2020	2-7-2023	29-7-2023	VidyaNiketan Collage of Engineering,Bota
	FDP	Process intensification in chemical Engineering	5-2-2024	9-2-2024	VishwakaramaInstitide Of Technology
	FDP	Innovative Systems for E-Mobility	4-01-2024	6-01-24	Amrutvahini Polytechnic,Sangamner

## PAPER /JOURNALS PUBLISH

Name of Staff	Name of Event	Level	Title Of Paper	Name of Journal / Name of Conference	Impact Factor	Date
Mr.N.M.Garad	Paper Published in Journal	International	Water Trash Collector	ISJEM	6.674	03 March 2024
Mr. A. S. Shirsath	Paper Presented in Conference	International	To Enhance the solar water pump	ISJEM	6.674	05 March 2023
	Paper Published in Journal	International	Photo catalytic Degradation of Distillery Waste Water	ISJEM	6.674	05 March 2023
Mr. S.C.Dighe	Paper Published in Journal	International	Production Of Electricity from Trash or Decomposed Plastic	ISJEM	6.674	05 March 2023
	Paper Published in Journal	International	Extraction of Pectin from Lemon Peels	ISJEM	6.674	05 March 2023
	Paper Published in Conference	National	Waste Water Recycling and Monitoring Technology	RPST-2023	--	10 - 11 April 2023
Mr. P.S.Kale	Paper Published in Conference	National	Green Ethanol (as Fuel ) from Grains	Chemference 2023	--	2 October 2023
	Paper Published in Journal	International	Preparation of Liquid and Vaporized Air Freshener Using Local material	ISJEM	6.674	05 May 2023
	Paper Published in Journal	International	Preparation of different types of soap	ISJEM	6.674	05 May 2023
Mr. P.R.Gulve	Paper Published in Journal	International	Advanced Method for treatment of Wastewater.	IJNRD	8.76	5 May 2023
Miss. A.G. Kharde	Paper Published in Journal	International	Preparation of Liquid and Vaporized Air Freshener Using Local Material	IJNRD	8.76	5 May 2023
	Paper Published in Journal	International	Water Trash Collector	ISJEM	6.674	03 March 2024
	Paper Published in Journal	International	Fuel From Plastic Waste	ISJEM	6.674	05 March 2024

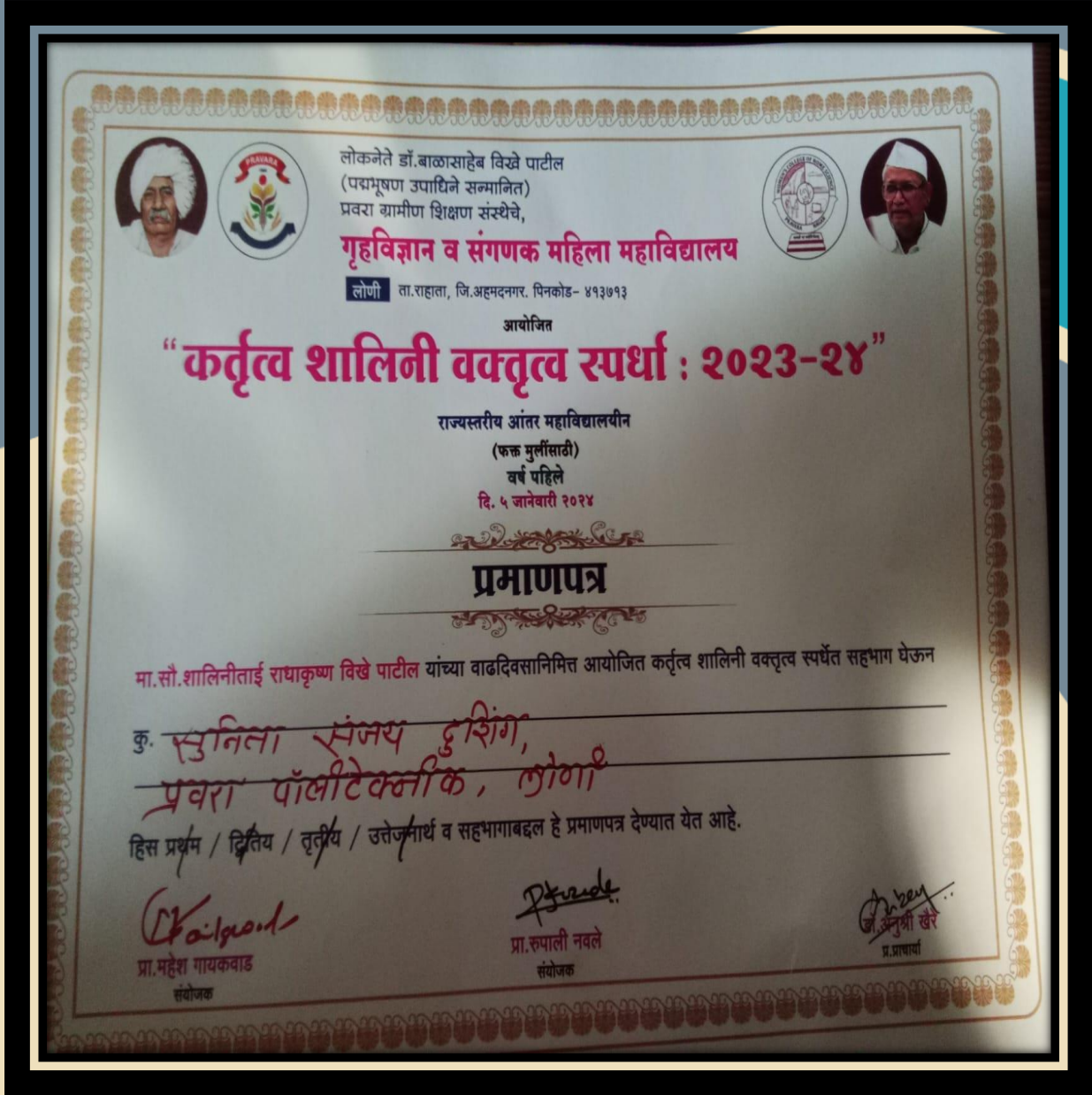
## STUDENTS ACHIVEMENT & PARTICIPATION



## Curricular Achievements Project /Quiz/Poster/Paper/PPT

Sr. No.	Name of Student	Name of Course	Venue	Date	Remark
1.	All SYCH and TYCH	Living with Climate change and water management	Unicef	28 March 2024	Workshop
2.	All SYCH and TYCH	Energy Management and Climate Change	Unicef	28 March 2024	Workshop
3.	All SYCH and TYCH	Waste Management and climate Action	Unicef	28 March 2024	Workshop
4.	All SYCH and TYCH	Youth leadership for Climate Action	Unicef	28 March 2024	Workshop
5.	DushingSunita Sanjay	Speech	Science and Computer collage Loni	05 Jan 2024	Speech Competition





### Other than Co-curricular Activities

Sr. no.	Name of Event	organized by	Activity	Remark
1	Volley ball	Pad. Dr. V. V. Patil Polytechnic, Loni	volley ball	First Prize
2	Cricket	Pad. Dr. V. V. Patil Polytechnic, Loni	Cricket	Participated
3	Kabbadi	Pad. Dr. V. V. Patil Polytechnic, Loni	Kabbadi	Participated
4	Kho-Kho	Pad. Dr. V. V. Patil Polytechnic, Loni	Kho-Kho	Participated
5	Badminton	Pad. Dr. V. V. Patil Polytechnic, Loni	Badminton	Participated

## CAMPUS PLACEMENTS

Sr. No	Name of Companies who conducted Interviews Offline/Online Conducted	Total No of Student Selected
1.	Gharda Chemicals Ltd,	12
2.	Calyx Chemical Pvt Ltd	04
3.	Alkyl Amines chemicals	04



## SUMMER INTERNSHIP / IMPLANT TRAINING FOR SECOND YEAR CHEMICAL ENGINEERING STUDENTS

Sr. No.	Name of the Company(Official name)	No. of Students	Duration in Months
1	Synthomaxx Plasticizers Pvt. Ltd Shirampur MIDC	34	6 Weeks
2	Bhange Organics/ Machindranath Overseas Pvt. Ltd, Newasa	35	6 Weeks



## ALUMNI VISITED TO DEPARTMENT

Sr. No	Name of Alumnus	Name Company with Address	Batch
1	Mrs.Sushma Yende( Ghug)	Entrepreneur, Thane	1996
2	Mr. Santosh Shinde	Business Shirdi	1992
3	Mr.RavirajBhalerao	Sharp Engineering Works Director Ahmednagar	1996



## Alumni visit during Annual Social Gathering DARPAN 2K24

Sr. No	Name of Alumnus	Name company with Address and post	Batch
1	Mr. Kailas Talole	Business LIC Office,Loni	2001
2	Mr.Kiran Vikhe	Business Loni	2001
3	Mr. Dukre Nilesh	Lab Assistant SVIT Sinner	2001
4	Mr. Jangale Shirkant	Dairy Plant, Newasa	2001
5	Mr. Tambe Bapusaheb	Assistant Prof. PREC, Loni	1993
6	Mr. Polade Sumit	Lab Assistant PREC,Loni	2017
7	Mr. Hinge Rahul	Assistant Prof. PREC,Loni	1997

## GALLERY

One day Review Workshop on “K” Scheme curriculum Development of Third and fourth semester/ manual Development and Bilingual (Marathi) book preparation of Course Utilities and Plant Maintenance, Chemical Process Technology, Environment Technology of Chemical Engineering program was conducted at Polytechnic, Loni on 26 June 2024 by Mr. Chavan, HOD Chemical Engineering, GP Thane ( MSBTE Mumbai)



**MSBTE, MUMBAI CHEMICAL, CIVIL, ELECTRICAL, COMPUTER, INSTRUMENTATION, MECHANICAL, MECHATRONICS "K" SCHEME CURRICULUM DEVELOPMENT TEAM.**

**12.2.24 TO 16.2.24**



# DARPAN 2K23 (ANNUAL SOCIAL GATHERING)



## SPORTS & EVENT

### GENERAL CHAMPIONSHIP



## ACHIEVEMENT

MR.NIRMITSHARMA, MR.GAIKWADATHARY AND MR.SHIVAMADSUL, SECURED SECOND PRIZE IN "NASCENT 2024" MSBTE SPONSORED STATE LEVEL TECHNICAL PAPER PRESENTATION COMPETITIONS ORGANIZED BY K. K.WAGH POLYTECHNIC, NASHIK ON FRIDAY 2/02/2024. THEY RECEIVED CERTIFICATES AND SECOND PRIZE OF RS. 10,000. THEIR TOPIC OF PRESENTATION WAS "WASTE WATER TREATMENT BY USING MEMBRANE".



TYCH STUDENTS RECEIVED SECOND PRIZE IN TECHNO FAIR ARRANGE BY PAD.DR.V.V.PATIL POLYTECHNIC,LONI.







# CHUNAV KA PARV DESH GARV

## ChunavkaparvDeshkaGarv"

Creating voting awareness among first time voters.

Voting is everyone's right, and we must vote during elections. Students took part in poster Competition, Essay, poem writing, voter's pledge. 6 March 2024





## **EDITORIAL TEAM**

**Chief Editor: Mr.Namdeo Madhav Garad**

**Section Editor: Miss. Ashwini Ganpat Kharde**

**Student Representative**

**Mr. Borse Sai Sunil**

**Miss. Rushiparna Sopan Bhusal**