



Felicitation of Runner up in Football IEDSSA Men's E1 Zonal Sports Meet held in 2024-25, by Hon. Namdar Shri. Makrand Jadhav Patil, Minister, Relief & Rehabilitation , Govt. of Maharashtra Alumni- Civil Engineering, Hon. Dr. Susmita Vikhe Patil , CEO, PRES, Pravaranagar, Hon. Dr. S. N. Hiremath, Additional CEO, PRES , Loni & Hon. Principal Dr. V. R. Rathi, on 1/3/2025.



Felicitation of Winner in kabaddi Interfaculty Sports held in 2024-25, by Hon. Namdar Shri. Makrand Jadhav Patil, Minister, Relief & Rehabilitation , Govt. of Maharashtra Alumni- Civil Engineering, Hon. Dr. Susmita Vikhe Patil , CEO, PRES, Pravaranagar, Hon. Dr. S. N. Hiremath, Additional CEO, PRES , Loni & Hon. Principal Dr. V. R. Rathi, on 1/3/2025.



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



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

Newsletter 2024-2025

Department of Mechatronics

INSTITUTE VISION & MISSION

VISION

- To provide quality technical education to rural students.

MISSION

- M1: To impart latest 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 skilled technicians in the field of Mechatronics to meet rural, societal and Industrial needs.

Mission

- M1:** To provide technical skills in Mechatronics field through trainings.
- M2:** To impart knowledge in the field of Mechatronics by effective teaching learning process.
- M3:** To enhance career opportunities for students through industry interaction, entrepreneurship and higher education.



CHIEF PATRONS

Hon'ble Shri Radhakrishna Vikhe Patil
Minister of Water Resources (Gadavari & Krishna Valley Development Corporation), Maharashtra Govt.
Chairman, Loknete Dr. Balasaheb Vikhe Patil (Padma Bhushan Awardee)
Pravara Rural Education Society, Pravaranagar

Hon'ble Sau. Shalinitai Vikhe Patil
Ex. President & Member, Z.P. Ahmednagar
Trustee, Loknete Dr. Balasaheb Vikhe Patil (Padma Bhushan Awardee)
Pravara Rural Education Society, Pravaranagar

Hon'ble Shri. Annasaheb Mhaske Patil
Trustee, Loknete Dr. Balasaheb Vikhe Patil (Padma Bhushan Awardee)
Pravara Rural Education Society, Pravaranagar

Hon'ble Dr. Sujay Dada Vikhe Patil
MP, Ahmednagar
CEO, Dr. Vikhe Patil Foundation, Ahmednagar

Dr. Susmita Vikhe Patil
CEO, Loknete Dr. Balasaheb Vikhe Patil (Padma Bhushan Awardee)
Pravara Rural Education Society, Pravaranagar

PATRONS

Dr. V. R. Rathi
Principal
Prof. N. M. Garad
Vice-Principal

COORDINATOR

Ms. V. D. Vaidya
HOD, Cloud Computing & Big Data
MO: 9527209372
Mr. R. H. Naravade
MO: 9881088790

TECHNICAL EVENTS

Project Competition

Technical Paper Presentation

Programming Coding War

Electronics Kit Making

Bridge Making Competition

CAD War

Technical Poster Competition

Institute Vision
To Provide Quality Technical Education to Rural Students.
Institute Mission
M1: To impart trainings for developing hands on skills.
M2: To develop technical skills by providing the best

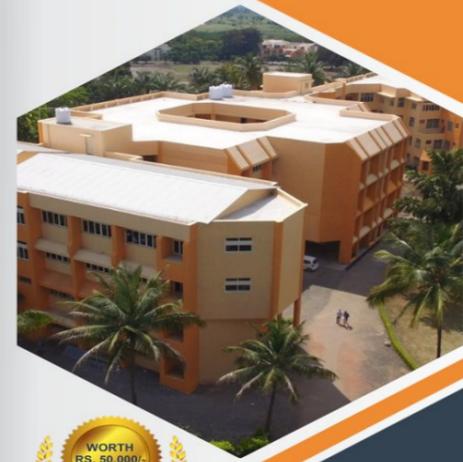


(5 Programs AE, CH, CE, CM, ME are NBA Accredited up to 30/06/2027)

Organizes

Pravara TechnoFest 2025

A STATE LEVEL TECHNICAL EVENT
on 08th March, 2025



A/P: Loni Bk, Tal: Rahata



LOKNETE DR. BALASAHEB VIKHE PATIL (PADMA BHUSHAN AWARDEE)
PRAVARA RURAL EDUCATION SOCIETY'S
PADMASHRI DR. VITHALRAO VIKHE PATIL INSTITUTE OF TECHNOLOGY AND ENGINEERING (POLYTECHNIC) LONI
A/P: Loni Bk, Tal: Rahata, Dist: Ahilyanagar Maharashtra-413736 website: www.pravara.in/polytechnic
5 Programs (AE, CH, CE, CM, ME) are NBA Accredited up to 30/06/2027



A STATE LEVEL TECHNICAL EVENT

Pravara TechnoFest-2025

on Saturday 08th March, 2025 at 10 am

<https://forms.gle/inJZe8i4WSZjsF866>



PROJECT COMPETITION

Event Coordinator
Mr. S. C. Dighe (CH) Mo: 9890385378
Mr. M. B. Thorat (AE) Mo: 9762692340

Final Year Students from Diploma Institutes only.
Students have to bring all requisites for their project.
Minimum 3 Participants in a group.

PROGRAMMING CODING WAR

Event Coordinator
Mr. G. V. Pawade (CM) Mo: 8459902561

Three rounds. Only the C language is allowed. No C++, Java, or any other language. Code submission must be done on the provided platform. No plagiarism-Participants must write original code. External help and the use of AI tools, books, or discussing with others is strictly prohibited.
One participant in a group.

TECHNICAL PAPER PRESENTATION

Event Coordinator
Mr. R. P. Kumawat (BD) Mo: 9975626198

Topics for Paper Presentation
Artificial Intelligence and Machine Learning, Cloud Computing Platform, Robotics, Internet of Things & Its Applications, Embedded system technology, Industry 4.0, Electric Vehicle Advancement, Advances in Mechanical Engineering, Waste Water Treatment, Green Building.
Any Recent Technology related to branch.
Paper Format-IEEE.
Min. 3 participants in a group.

ELECTRONICS KIT MAKING

Event Coordinator
Mrs. S. N. Satbhai (MK) Mo: 9922373739

All accessories needed for kit will be provided at the time of event.
Students from E/J/MK are eligible for this event.
Maximum 3 participants in a group.

BRIDGE MAKING COMPETITION

Event Coordinator
Ms. P. A. Vikhe (CE) Mo: 8830190427

Bridge Size: 60 X 10 X 10 cm.
Bridge should be made up of Ice-Cream Stick & Fevicol only. Each team consist of 2 participants only. Loading will be applied gradually at the center of bridge. Minimum weight and Maximum load carrying capacity will be considered for Evaluation.
The bridge must be as per given size and material otherwise it will be disqualified.

CAD WAR

Event Coordinator
Mr. S. P. Walhekar (ME) Mo: 9767425265

Solo Entry and participant have to choose AUTOCAD software and have to carry his own laptop along with installed CAD software.

TECHNICAL POSTER COMPETITION

Event Coordinator
Mr. Sunil Lokhande (IDD) Mo:8484857495

Topics for Poster
Addiction of Mobile Phones, Artificial Intelligence, Impact of Technology on Society, Climate Change Facts & Impacts.
Only 1 participant.
Submit A3 Size Poster.

Reporting Time @ 9.00 am
Event Venue: Seminar Hall

Registration Fee
Rs. 100/- per Student per Event
Last Date of Registration: 05th March, 2025

Mr. N. M. Garad HOD, CH	Mr. E. R. Ghogare HOD, AE	Mr. R. S. Kakade HOD, CM	Ms. V. D. Vaidya HOD, BD	Mr. R. B. Nimbalkar HOD, MK	Mr. S. K. Gorde HOD, CE	Mr. R. K. Belkar HOD, ME	Ms. N. K. Bawake HOD, IDD
----------------------------	------------------------------	-----------------------------	-----------------------------	--------------------------------	----------------------------	-----------------------------	------------------------------

ABOUT DTE

The vision of DTE is to develop global standards in Diploma Level Technical Education that matched the latest requirements of industry with all round personal development of students by motivating them in presentation, quiz and project competitions, career fairs in different disciplines at various institutes. DTE have a mission to provide high quality technical education and managerial manpower, information and consultancy services to the industry and community to face the challenging technological and environmental changes. DTE takes initiative in organizing various training programs for faculty.

ABOUT DR. VIKHE PATIL POLYTECHNIC COLLEGE LONI



Padmashri Dr. Vitthalrao Vikhe Patil Institute of Technology and Engineering (Polytechnic), Pravaranagar (Loni) was established in August 1981. It is one of the first of its kind 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 Dr. Balasaheb Vikhe Patil (Padma Bhushan Awardee). He was of the firm opinion that it is essential to provide higher educational 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 & value addition courses etc.

INSTITUTE VISION

To provide quality technical education to rural students.

INSTITUTE MISSION

- ◆ To impart latest training for developing hands on skills.
- ◆ To develop technical skills by practicing the best teaching-learning pedagogies.
- ◆ To enhance career opportunities through industry connect.

EVENT OBJECTIVES

- ◆ To enhance the Technical Skills of Students in the field of Mechatronics.
- ◆ To improve the analytical, Logical and problem solving skills in Students.
- ◆ To regenerate awareness in Diploma students about latest technological development in the field of Automation and Mechatronics.



State Level Online Technical Quiz Competition On 8th March 2025 Organized by Mechatronics Department

P. Dr. Vitthalrao Vikhe Patil Institute of Technology & Engineering, (Polytechnic), Loni
Tal : Rahata Dist: Ahilyanagar Maharashtra 413736

In association with Indian Society for Technical Education (ISTE), New Delhi.

State Level Technical Quiz Competition

Eligibility Criteria

Diploma Students from Mechatronics.

Registration Fee

Registration Link:

<https://forms.gle/9D13MV1LoZviELabA>



- ◆ Free Registration .
- ◆ Only one Participant.

Prizes will be awarded to those participants on the basis of submission of online response. (First come-First base)

Follow this link to join my Whats App group:

<https://chat.whatsapp.com/KPDzp8Oams0IkBAKMFXteN>

Result will be declared on next day of competition

Prizes



Chief Patrons

Hon'ble Namdar Shri. Radhakrishna E. Vikhe Patil

Minister ,Water Resources, (Godavari & Krishna valley Development Corporation), Government of Maharashtra, Guardian Minister, Ahilyanagar Chairman, PRES, Pravaranagar

Hon'ble Sau. Shalinitai R. Vikhe Patil

Ex. President, Z.P. Ahilyanagar. Trustee, Loknete Dr. Balasaheb Vikhe Patil (Padma Bhushan Awardee), PRES, Pravaranagar

Hon'ble Shri. Sujay Dada Vikhe Patil

Ex- Member of Parliament, Ahilyanagar Lok Sabha.

CEO - Dr. Vitthalrao Vikhe Patil

Foundation, Ahilyanagar

Hon'ble. Dr. Susmita Vikhe Patil

CEO

Loknete Dr. Balasaheb Vikhe Patil (Padma Bhushan Awardee) PRES, Pravaranagar

Hon'ble. Dr. Shivanand Hiremath

Additional CEO

Loknete Dr. Balasaheb Vikhe Patil (Padma Bhushan Awardee) PRES, Pravaranagar

Dr. V. R. Rathi

Principal

P. Dr. V. Vikhe Patil Institute of Technology Engineering (Polytechnic) Loni

Advisory Board

- ◆ Prof. N. M. Garad HOD, Chemical Dept.
- ◆ Prof. E. R. Ghogare HOD Automobile Dept.
- ◆ Prof. R.S. Kakade HOD, Computer Dept.
- ◆ Prof. V.D. Vaidya HOD, BD Dept.
- ◆ Prof. R.K. Belkar HOD, Mechanical Dept.
- ◆ Prof. S.K. Gorde HOD, Civil Dept.
- ◆ Prof. N.K. Bawake HOD, IDD Dept.
- ◆ Prof. R.V. Laware HOD, First Year
- ◆ Prof. S.B. Sinare Workshop superintendent

Topics For Technical Quiz

◆ Recent Trends in Mechatronics

Instructions for Technical Quiz

- ◆ The total numbers of questions are 50.
- ◆ The Link will be active from 3.00 pm to 4.00 pm on 8th March 2025
- ◆ The students have to score minimum of 80 % marks to obtain E-Certificate.
- ◆ Top three scorers will get Prize.

Chief Co -Ordinator

Prof. R.B. Nimbalkar, HOD (Mechatronics) (9226887113)

Event Co-Ordinator

Prof. M.R. Dhavale (9422741679)

Organizing Committee

Prof. S.N. Satbhai (9922373739) Prof. P.R. Gavhane (9657217472) Prof. P.J. Waditake (9604047449)

Expert Lectures/ workshop/ Training/ Personality development Conducted

Sr. No.	Topic	Name of Expert	Organization / Industry
1	Expert Lecture on Start up India and Make in India	Shri . Avinash Salunke	Mentor, Entrepreneur Barefootor Foundation School, Pune.
2	Expert Lecture on Industrial Automation (PLC and SCADA)	Mr. Pradeep Nehe	Automation Trainer, Falcon, Automation Technoolgies, Pune.
3	Training Workshop on PLC Programming	Mr. Pradeep Nehe	Mr. P. D. Nehe, Automation Trainer, Falcon, Automation Technoolgies, Pune.
4	Expert Lecture on Personality Development	Mr Ajit Gate	Director Didactic Division KUKSONS ELECTRONICS PVT LTD Bhosari, Pune Alumnus.
5	Expert Lecture on How to start small scale Industry	Shri Devdatta Chausalkar Shri Abdul Mulla	Project Manager, Product Engineer Cummins Generator Technologies India Pvt Ltd A.nagar
6	Training on Arduino & Python	Mr. Pravin Ambekar	Founder Director, Amb's C-DSP, Sambhajinagar
7	Expert Lecture on Personality Development & Effective Time Management	Mr. Satish Kerkar	Retired Head of Civil Engineering Department/ Exofficiating , Principal Government Polytechnic Awasari
8	Expert Lecture on Industrial Automation	Shri. Chandrashekhar Madhav Kokane	Quality Technical, 3M India Ltd, Ranjangaon.
9	Expert Lecture on Entrepreneurship Development	Mr. Pravin Ambekar	Founder Director, Amb's C-DSP, Sambhajinagar



Expert Lecture was conducted on “Startup India and Make in India” by Hon’ble Shri. Avinash Salunke, Mentor, Entrepreneur Barefootor Foundation School, Pune. 29/7 /2024.



Training Workshop by Mr. P. D. Nehe, Automation Trainer, Falcon, Automation Technoolgies, Pune. “ PLC Programming” from 6/8/2024 to 9/9/2024.



Expert Lecture on Entrepreneurship Development, Mr. Pravin Ambekar Founder Director, Amb's C-DSP, Sambhajinagar on 16/1/2025.



Expert Lecture was conducted on Personality Development, by Mr. Ajit Gate (1996 - Alumnus) Managing Director, Digitech Controls & Systems, Pune on 16/8/2024

Industrial Visit

Sr. No	Name of Industries	Date
1	Pravara Sahakari Bank LTD. Loni.	20/8/2024
2	Harihar Industries, Ahmednagar.	30/8/2024
3	Epitome Components, Ahmednagar.	30/8/2024
4	Shirode Hyundai, Sangamner.	9/10/2024
5	Industrial Visit to Water Treatment Plant, Loni	22/3/2025



Industrial Visit at, Harihar Industries, Ahmednagar.on 30/8/2024.



Industrial Visit at Epitome Components, Ahmednagar., on 30/8/2024.



Loni, Maharashtra, India
Hfj2+9fq, Loni, Maharashtra 413736, India
Lat 19.581015° Long 74.451237°
22/03/2025 10:04 AM GMT +05:30

Industrial Visit at PMT Water Treatment Plant & Sewage Treatment Plant on 22/3/2025.



Sangamner, Maharashtra, India
H6GF+97M, 175/1, Nagar Rd, next to Panchayat samiti, Rajapur, Sangamner, Sukewadi, Maharashtra
422605, India
Lat 19.57591°
Long 74.223121°
09/10/24 11:17 AM GMT +05:30

Industrial Visit at Shirode Hyundai, Sangamner, on 9/10/2024.

Students Achievement



A second-year Mechatronics student won the Third Prize in the Electronics Kit Making competition at Amrut-Fest 2025, Amrutvahini Polytechnic, Sangamner on 21/03/2025.



Second Position in Musical Skit in Annual Social Gathering Darpan 2k25



Students of second-year Mechatronics won the consolation Prize in the Electronics Kit Making competition at Pravara Techno Fest 2025 on 8/03/2025.

Sr.No	Name Of students	Name of Event	Date	Place	Remark
1	Mr.Datir Vikas Babasaheb Mr.Ghorpade Samarth Daulat Mr.Malvade Onkar Vishal Mr. Game Aditya	Electronics Kit Making competition	8/03/2025.	Polytechnic, Loni	Consolation
2	Mr. Pranav Ramesh Pardhe Miss. Shravani Pramod Yedke Miss.Sejal Minanath Zinjurde	Electronics Kit Making competition at Amrut-Fest 2025	21/03/2025.	Amrutvahini Polytechnic, Sangamner	Third rank
3	Miss.Harshada Ajay Vadak	State level Quiz competition on Recent trends in Mechatronics	8/03/2025.	Mechatronics Department of Polytechnic, Loni	Third rank
4	Mr. Tejas Santosh Gadekar	National Level Quiz Competition on Innovations in Mechatronics	12/3/2025	Mechatronics Department of M M Polytechnic, Thergaon	Third rank
5	Mr. Jamdar Shubham Ashok & Team	Inter faculty ,kabaddi	25/2/2025	Polytechnic, Loni	Winner
6	Mr. Gagre Ajay Jalindar	IDESSA , FOOTBALL	3/2/2025	Parikrama College ,Kashti	RUNNER UP
7	Mr. Tejas Santosh Gadekar	Vachan Sankalp Maharashtra , Essay Writing Competition	1/1/2025 -15/1/2025	Polytechnic, Loni	Second Rank



LOKNETE DR. BALASAHEB VIKHE PATIL
(PADMA BHUSHAN AWARDEE)
PRAVARA RURAL EDUCATION SOCIETY'S
**PADMASHRI DR. VITTHALRAO VIKHE PATIL INSTITUTE
OF TECHNOLOGY & ENGINEERING (POLYTECHNIC)**
LONI



MECHATRONICS DEPARTMENT

Heartiest Congratulations

To all Third Year Mechatronics Students for Outstanding Performance in Winter 2024 Exam (Academic Year:2024-25 -Odd Sem)



Adhav Devyani Chandrakant

89.26 %



Khilari Pranav Thaksen

86.21 %



Lande Komal Kishor

83.90 %

Best Performers

○ KOKANE ADITI RAJENDRA	83.58 %	○ JADHAV OM NITIN	75.00%
○ YEOLE OJAS RAKESH	83.05%	○ MUTTHE YASH SOMNATH	74.21%
○ GHORPADE KIRAN SUBHASH	82.63%	○ JADHAV AJAY KAILAS	74.11%
○ MAGAR KSHITIJA SHAILESH	82.21%	○ KHEDKAR RUSHIKESH ANKUSH	72.84%
○ AHIRRAO SUJATA DHANRAJ	80.74%	○ DEOKAR ADITYA BHAUSAHEB	72.74%
○ DEOKAR SAINATH DATTATRAY	80.53%	○ KOTE OMKAR BHARAT	71.26%
○ KHARDE KRISHNA AMOL	78.11%	○ TUPE SAIRAJ ASHOK	71.05%
○ AHER SAISHA VIJAY	77.26%	○ JADHAV ROHIT ASHOK	70.84%
○ TUPE OM GAJANAN	76.42%		



From Management, Principal, HOD, Teaching & Non Teaching Staff

Alumni Visit & Expert lecture was conducted on General overview of Mechatronics by Krushna Thorat ,Sayali Kolhe and Shraddha Chattar on 16/7/2024.

