



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

# MECHANICAL 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<sup>2</sup>
- ❖ Program Outcomes (PO's)
- ❖ Program Specific Outcomes (PSO's)<sup>3</sup>
- ❖ Industrial Visit
- ❖ Expert Lecture
- ❖ Training
- ❖ Industry Expert Session During Visit
- ❖ Events
- ❖ Programme Attend By Staff
- ❖ Paper /Journals Publish
- ❖ Students Achievement & Participation
- ❖ MOU Added In Year
- ❖ Campus Placements
- ❖ 3d Printer
- ❖ Alumni Visited To Department
- ❖ Implant Training
- ❖ DARPAN 2k23 (Annual Social Gathering)
- ❖ Scan To Connect With Us



*We Make The World*



## 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 prepare Mechanical Engineering students for career development and higher studies.

### Mission

- M1: To encourage students to develop psychomotor skills through trainings.
- M2: To ensure continuous improvement in the teaching and learning process to meet the current trends in the industry.
- M3: To develop the technical skills of students, thereby increasing their placement potential.

### PEO:

- PEO 1: To enhance the knowledge and psychomotor skills in Mechanical Engineering area.
- PEO 2: To prepared students for careers in industries, further education, and entrepreneurship through the teaching and learning process.
- PEO 3: To motivate students by exposing them to recent technological advancement in industry.

## PROGRAM OUTCOMES (PO'S)

On successful completion of Diploma Program, students will be able to:

- **Basic and Discipline specific knowledge:** Apply knowledge of basic mathematics, science and engineering fundamentals and engineering specialization to solve the engineering problems.
- **Problem analysis:** Identify and analyse well-defined engineering problems using codified standard methods.
- **Design/ development of solutions:** Design solutions for well-defined technical problems and assist with the design of systems components or processes to meet specified needs.
- **Engineering Tools, Experimentation and Testing:** Apply modern engineering tools and appropriate technique to conduct standard tests and measurements.
- **Engineering practices for society, sustainability and environment:** Apply appropriate technology in context of society, sustainability, environment and ethical practices.
- **Project Management:** Use engineering management principles individually, as a team member or a leader to manage projects and effectively communicate about well-defined engineering activities.
- **Life-long learning:** Ability to analyse individual needs and engage in updating in the context of technological changes.

## PROGRAM SPECIFIC OUTCOMES (PSO'S)

On successful completion of Diploma Program, students will be able to:

- **Modern Software Usage:** Use latest Mechanical engineering software's for simple design, drafting, manufacturing, and maintenance mechanical engineering components and processes.
- **Equipment and Instruments:** Maintain equipment and instruments related to Mechanical Engineering.
- **Mechanical Engineering Processes:** Manage Mechanical engineering processes by selecting and scheduling relevant equipment, quality control techniques, and operational parameters.



## INDUSTRIAL VISIT

<b>Visit No.</b>	1	
<b>Industry</b>	S.T. Workshop Khandala , Shrirampur	
<b>Date of visit</b>	13.10.2022	
<b>Class</b>	TYME	
<b>Faculty</b>	Prof. N.B. Landage, Prof. S.D. Shelke	
<b>Beneficiaries</b>	30	
<b>Remark</b>	--	
<b>Visit No.</b>	2	
<b>Industry</b>	Pravara Sahkari Sakhar Karkhana, Pravaranagar	
<b>Date of visit</b>	05.12.2022	
<b>Class</b>	SYME	
<b>Faculty</b>	Prof. S.B. Sinare, Prof. R.H. Naravade	
<b>Beneficiaries</b>	68	
<b>Remark</b>	--	
<b>Visit No.</b>	3	
<b>Industry</b>	Sai Dwarkamai Agarbatti Plant	
<b>Date of visit</b>	11.03.2023	
<b>Class</b>	SYME	
<b>Faculty</b>	Prof. D.W. Tathe, Prof. S.B. Sinare, Prof. N.B. Landage	
<b>Beneficiaries</b>	25	
<b>Remark</b>	Alumni-Sujay D. Vikhe	
<b>Visit No.</b>	4	
<b>Industry</b>	Solar Cooking System, Shri. Sai Prasadalay, Shirdi	
<b>Date of visit</b>	11.03.2023	
<b>Class</b>	TYME	
<b>Faculty</b>	Prof. R.H. Naravade, Prof. S.D. Shelke	
<b>Beneficiaries</b>	30	
<b>Remark</b>	Alumni-Sharad Shirole	

## EXPERT LECTURE

<b>Lecture No.</b>	1
<b>Expert</b>	Dr. A. B. Pawar
<b>Details</b>	Librarian , PREC, Loni
<b>Subject</b>	E-Resource in Reading of books
<b>Date</b>	06.09.2022
<b>Class</b>	SYME TYME
<b>Beneficiary</b>	75
<b>Remark</b>	Arranged by Institute
<b>Lecture No.</b>	2
<b>Expert</b>	Dr. A. R. Varade
<b>Details</b>	Asst. Professor PREC Loni
<b>Subject</b>	NEP 2020 (National Education Policy)
<b>Date</b>	09.09.2022
<b>Class</b>	SYME, TYME
<b>Beneficiary</b>	73
<b>Remark</b>	Arranged by Institute
<b>Lecture No.</b>	3
<b>Expert</b>	Prof. Milind Gulave
<b>Details</b>	Asst. Professor PREC Loni
<b>Subject</b>	Group Discussion
<b>Date</b>	10.10.2022
<b>Class</b>	TYME
<b>Beneficiary</b>	40
<b>Remark</b>	Arranged by Institute
<b>Lecture No.</b>	4
<b>Expert</b>	Mr. Pathan Tohit Bashir
<b>Details</b>	Wilo Plat's & Mother Pumps Pvt. Ltd, Pimpri Chinchwad ,Pune
<b>Subject</b>	Various Machinery used in Industry
<b>Date</b>	14.10.2022
<b>Class</b>	SYME, TYME
<b>Beneficiary</b>	75
<b>Remark</b>	Alumni-2021 Batch





<b>Lecture No.</b>	5
<b>Expert</b>	Mr. Bhalerao Abhishek Jalindar Quality Control Supervisor , Forbes Marshal Pvt. Ltd., Chakan ,Pune
<b>Details</b>	
<b>Subject</b>	Advance in Quality Control
<b>Date</b>	14.10.2022
<b>Class</b>	SYME, TYME
<b>Beneficiary</b>	75
<b>Remark</b>	Alumni-2021 Batch

<b>Lecture No.</b>	6
<b>Expert</b>	Er. Manoj Shingote Project Leader , BPCL, Ahmednagar
<b>Details</b>	
<b>Subject</b>	Construction of Petroleum Pipeline
<b>Date</b>	23.02.2023
<b>Class</b>	TYME
<b>Beneficiary</b>	34
<b>Remark</b>	Alumni-CE

<b>Lecture No.</b>	7
<b>Expert</b>	Mr Kisan Jadhav (Production Manager), KHK Scaffolding and framework ltd., UAE, Dubai.,
<b>Details</b>	
<b>Subject</b>	Advances in Production Technology
<b>Date</b>	10.04.2023 (02.00pm)
<b>Class</b>	TYME, SYME
<b>Beneficiary</b>	62
<b>Remark</b>	ME-Alumni

<b>Lecture No.</b>	8
<b>Expert</b>	Mr. Nilesh Wandhekar (CNC Programer), KHK Scaffolding and framework ltd., UAE, Dubai.,
<b>Details</b>	
<b>Subject</b>	CNC Programming
<b>Date</b>	10.04.2023 (03.00pm)
<b>Class</b>	TYME, SYME
<b>Beneficiary</b>	62
<b>Remark</b>	ME-Alumni



## TRAINING

### Career Guidance & Personality Development-

<b>Lecture No.</b>	1
<b>Expert</b>	Barclays association with Rubicon, Pune
<b>Details</b>	Barclays association with Rubicon, Pune
<b>Subject</b>	Soft Skill and Communication
<b>Date</b>	19.09.2022 to 22.09.2022
<b>Class</b>	TYME
<b>Beneficiary</b>	50
<b>Remark</b>	Workshop
<b>Lecture No.</b>	2
<b>Expert</b>	Mr. Nibe
<b>Details</b>	Nibe Defense and aerospace research Ltd.
<b>Subject</b>	Hands on training
<b>Date</b>	08.02.2023
<b>Class</b>	SYME, TYME
<b>Beneficiary</b>	12
<b>Remark</b>	-
<b>Lecture No.</b>	3
<b>Expert</b>	--
<b>Details</b>	MSME, Technology Center Indo german tool room, A.Bad
<b>Subject</b>	Entrepreneurship awareness programe (EAP)
<b>Date</b>	20.02.2023
<b>Class</b>	SYME, TYME
<b>Beneficiary</b>	28
<b>Remark</b>	-
<b>Lecture No.</b>	4
<b>Expert</b>	Soft Skill Training
<b>Details</b>	CuSucceed, Pune
<b>Subject</b>	Soft Skill Training
<b>Date</b>	13.02.2023 to 17.02.2023
<b>Class</b>	SYME
<b>Beneficiary</b>	21
<b>Remark</b>	-

<b>Lecture No.</b>	5
<b>Expert</b>	Soft Skill Training
<b>Details</b>	CuSucceed, Pune
<b>Subject</b>	Soft Skill Training
<b>Date</b>	25.02.2023 to 02.03.2023
<b>Class</b>	TYME
<b>Beneficiary</b>	25
<b>Remark</b>	-
<b>Lecture No.</b>	6
<b>Expert</b>	Dr. Udaikumar mohite
<b>Details</b>	--
<b>Subject</b>	Communication Skill
<b>Date</b>	21.11.2022
<b>Class</b>	SYME, TYME
<b>Beneficiary</b>	65
<b>Remark</b>	-
<b>Lecture No.</b>	7
<b>Expert</b>	Shri. Avinash Salunke
<b>Details</b>	A 102, Nandan Euphora, Airport Road, Vishrantwadi, Pune 15 MS.
<b>Subject</b>	Startup India and Make in India
<b>Date</b>	05.04.2023
<b>Class</b>	TYME
<b>Beneficiary</b>	25
<b>Remark</b>	-





## INDUSTRY EXPERT SESSION DURING VISIT

<b>Lecture No.</b>	1
<b>Expert</b>	Tushar D. Khatal
<b>Details</b>	Workshop Superintendent S.T. Workshop, Khandala, Shrirampur
<b>Subject</b>	Advance in Vehicle Engine Maintenance
<b>Date</b>	13.10.2022
<b>Class</b>	TYME
<b>Beneficiary</b>	30
<b>Remark</b>	-
<b>Lecture No.</b>	2
<b>Expert</b>	Sharad S. Shirole
<b>Details</b>	Solar Cooking System Shri. Sai. Prasadalay
<b>Subject</b>	Solar Energy
<b>Date</b>	11.03.2023
<b>Class</b>	TYME
<b>Beneficiary</b>	30
<b>Remark</b>	-
<b>Lecture No.</b>	3
<b>Expert</b>	Sujay Vikhe
<b>Details</b>	Sai Dwarkamai Agarbatti Plant, Pravaranagar
<b>Subject</b>	EDP
<b>Date</b>	11.03.2023
<b>Class</b>	TYME
<b>Beneficiary</b>	25
<b>Remark</b>	-

## EVENTS



We organized the quiz competition on Engineers Day



Induction Program performed by Prof. V.R. Lawande





## TECHNO FAIR 2023 (Institute Level Project Competition)

**ABOUT MSBIT**

The vision of MSBIT is to develop global standard in Diploma Level Technical Education that matches the latest requirements of industry with all round personal development of students by motivating and professional skills and project competitions, career focus in different disciplines at various institutes. MSBIT have mission to provide high quality technical education and managerial training, information and consultancy services to the industry and community to face the challenging technological and environmental changes. MSBIT also initiative in organizing various training programs for faculty.

**INSTITUTE VISION**

To provide quality technical education to rural students.

**INSTITUTE 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.

**ABOUT P.DR.V.PATIL POLYTECHNIC LONI**

Padmashri Dr. Vithaldas Vihke Patil Institute of Technology and Engineering (Polytechnic), Pravara Nagar (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 Padmashri Dr. Balasaheb Vihke 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 persons. 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 lectures and value education etc.

**COLLEGE ADDRESS**

P. Dr. V. Vihke Patil Institute of Technology & Engineering (Polytechnic)  
Loni (K/1, Loni-Sangamner Road)  
Tal. Rahata, Dist. Ahmednagar, Pin-431316 (MH)

**COLLEGE LOCATION**

*Lecturers Grade Institute & Best Campus Award (Polytechnic) in January 2019 by RITE, New Delhi*

**5 Day's State Level Faculty Development Training Program (FDTP) ONLINE MODE**  
**On Advances in Quality Control**  
**From 21<sup>st</sup> Feb. 2023 to 25<sup>th</sup> Feb. 2023**  
**Organized by Department of Mechanical Engineering**  
P. Dr. V. Vihke Patil Institute of Technology & Engineering (Polytechnic) Loni (Institute Code 0030)

*5 Day's State Level Faculty Development Training Program (FDTP) ONLINE MODE*

**On Advances in Quality Control**

**From 21<sup>st</sup> Feb. 2023 to 25<sup>th</sup> Feb. 2023**

Organized by  
**Department of Mechanical Engineering**

**ABOUT THE FDTP**

The main objective of the FDTP is to enhance the knowledge about the recent trends and Modern techniques that are implemented in industries. This will help faculty to bridge the gap between academics and industry. The program aims to deliver the best contents to the participants in updated technology in Advances in Quality Control. The program intends to serve the needs of the faculties in regular teaching learning process.

**CHIEF PATRONS**

**Hon. Shri. Radhakrishna E. Vihke Patil**  
Minister of Revenue, Govt. of Maharashtra,  
Chairman,  
Lecturers Grade Institute & Best Campus Award (Polytechnic), Loni  
Padma Bhushan Awardee  
Pravara Rural Foundation Society, Pravaranagar

**Hon. Sau. Shalini Tai Vihke Patil**  
Ex. President & member, Z.P. Ahmednagar.

**Hon. Dr. Sujaydada Vihke Patil**  
M.P. Ahmednagar, Loksabha

**Hon. Dr. Shivanand Hiremath**  
Additional, CTO, PRES, Pravaranagar

**RESOURCE PERSONS**

**Dr. S. S. Sarda**  
Sr. Lecturer, Government Polytechnic, Ahmednagar

**Dr. Jawalkar Ajay**  
Quality Control Manager  
Indo German Tool Room, Aurangabad.

**Dr. K. B. Kale**  
Professor, Padmashri Vihke Patil Foundation,  
Vidhanjal, Ahmednagar.

**Mr. Saurabh Kerkhalkar**,  
CQI ICCA,  
Certified Auditor of Quality Management System

**Dr. A.V. Dhumale**  
Associate Professor  
KJ Somaiya Institute of Engineering, Kopergaon

**Mr. Kalase Rajesh**  
HOD Quality Dept. KSTU Ltd. Wambori

**Prof. D. V. Lohar**  
HOD Mechanical Engineering  
Shri. H.H.J.B. Polytechnic, Chaudwad

**Mr. Vijay Shashtri**  
Deputy Manager, Volvo Engineer Ltd, Indor

**IMPORTANT DATES**

Last Date of Online Registration:  
20th Feb. 2023 up to 5:00pm

Date of Program : 21.02.2023 to 25.02.2023

**PATRON**

**Dr. V. R. Rathi**  
Principal  
P. Dr. V. Vihke Patil Institute of Technology & Engineering (Polytechnic), Loni

**CHIEF CO-ORDINATOR**

**Prof. V.R. Lawande (HOD Mechanical Dept.)**

**CO-ORDINATOR**

**Prof. D.W. Tathe (Sr. Lecturer) 9822752711**

**CONVENER**

**Prof. S.B. Sinar (Workshop Superintendent)**

**ORGANIZING COMMITTEE**

Prof. R.H. Naravade - 9665232666  
Prof. V.S. Yendle - 9923337923  
Prof. N.B. Landage - 9968555808  
Prof. S.D. Shelke - 8688347592  
Prof. S.R. Patule - 8208293323

**REGISTRATION**

Registration Link for Participation  
<https://forms.gle/jrloUzjp658NLTxC8>

No Registration Fee For Direct Registration

Registration will be given to all Participants



<p><b>ABOUT MSBTE</b></p> <p>The vision of MSBTE is to develop global standard in Diploma Level Technical Education that matched the latest requirements of industry with all round personal development of students by nurturing and promotion, quiz and project competitions, career fairs in different disciplines at various institutes. MSBTE have 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. MSBTE have initiative in organizing various training programs for faculty.</p>	<p><b>INSTITUTE MISSION</b></p> <ul style="list-style-type: none"> <li>M1: To impart latest trainings for developing hands on skills.</li> <li>M2: To develop technical skills by practicing the best teaching-learning pedagogies.</li> <li>M3: To enhance career opportunities through industry contact.</li> </ul>	
<p><b>ABOUT P.D.R.V. PATIL POLYTECHNIC LONI</b></p> <p>Padmareshi Dr. Vithalrao Vikhe Patil Institute of Technology and Engineering (Polytechnic), Pravara Nagar (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 Padmareshi 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 committed 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 lectures and value addition courses etc.</p>	<p><b>DEPARTMENT MISSION</b></p> <ul style="list-style-type: none"> <li>M1: To encourage students to develop psychomotor skills.</li> <li>M2: To ensure continuous improvement in the teaching and learning process to meet the current trends in the industry.</li> <li>M3: To develop the technical skills of students, thereby increasing their placement potential.</li> </ul>	 <p>Excellent Grade Institute &amp; Best Campus Award (Polytechnic) in January 2019 by ISTE, New Delhi</p>
<p><b>INSTITUTE VISION</b></p> <p>To provide quality technical education to rural students.</p>	<p><b>COLLEGE ADDRESS</b></p> <p>P. Dr. V. Vikhe Patil Institute of Technology Engineering (Polytechnic) Loni BK (Loni-Sangmer Road) Tal: Rahata, Dist: Ahmednagar, Pin-431336 (MH)</p> 	<p><b>TECHNO-FEST-2023</b></p> <p>State Level Project Competitions On 28<sup>th</sup> April 2023 Organized by Mechanical Engineering Department P. Dr. V. Vikhe Patil Institute of Technology Engineering (Polytechnic) Loni (Institute Code 0030)</p>
<p><b>ABOUT THE COMPETITION</b></p> <p>The objective of the competition is to provide an opportunity to the students for enhancing their co-curricular technical skills in the latest and upcoming trends along with the development of necessary skills.</p>	<p><b>CHIEF PATRONS</b></p> <p><b>Hon'ble Dr. Radhakrishna E. Vikhe Patil</b> Minister of Revenue, Animal Husbandry &amp; Dairy Government of Maharashtra and Chairman Lokeshwar Dr. Balasaheb Vikhe Patil (Padma Bhushan Awardee) Pravara Rural Education Society, Pravara Nagar <b>Hon'ble Sanj. Shalini Tai Vikhe Patil</b> Former President, Zilla Parishad Ahmednagar. <b>Hon'ble Dr. Sujaydada Vikhe Patil</b> Member of Parliament Ahmednagar, CEO, Dr. Vikhe Patil Foundation, Ahmednagar <b>Hon'ble Dr. Shivnandan Hiramath</b> Additional, CEO, PRES</p>	<p><b>RULES FOR THE COMPETITION</b></p> <ul style="list-style-type: none"> <li>MSBTE affiliated Polytechnics are allowed to participate in this competition.</li> <li>Projects could be in the form of models, actual working machines, software related, innovative ideas or any other type, as per curriculum guidelines of MSBTE.</li> <li>The competition is only for final year students of Diploma in Mechanical Engg. / Automobile Engg./ Production Tech./ Mechatronics and any Mechanical Group.</li> <li>Each participating institute can send Maximum projects.</li> <li>Registration fee is Rs. 50/- per Student for the Competition.</li> <li>Participating students should carry Institute recommendation letter with valid Identity card.</li> </ul>
<p><b>IMPORTANT DATES</b></p> <p>Last Date of Online Registration: 26th April 2023 up to 5:00pm Date of Competition: 28.04.2023 Reporting Time: 28<sup>th</sup> April 2023 at 8.30 am</p>	<p><b>PATRONS</b></p> <p><b>Dr. V. R. Rathi</b> Principal P. Dr. V. Vikhe Patil Polytechnic, Loni</p>	<p><b>REGISTRATION &amp; SUBMISSION OF SYNOPSIS</b></p> <p>Prof. S.D. Shelke (8668347592) Registration Link for Participation <a href="https://forms.gle/GMNBAB871n76ufG8">https://forms.gle/GMNBAB871n76ufG8</a></p> <p>Go to Our Website for More Details <a href="http://www.mechanicalenginner4.weebly.com">www.mechanicalenginner4.weebly.com</a></p>
<p><b>IMPORTANT NOTE</b></p> <ul style="list-style-type: none"> <li>Electrical extension board should carry if you required</li> </ul>	<p><b>CHIEF CO-ORDINATOR</b></p> <p>Prof. V.R. Lawande, HOD (Mech. Engg.)</p>	<p>SCAN / CLICK ME FOR DIRECT REGISTRATION</p> 
<p><b>PRIZES</b></p>  <p>2<sup>nd</sup> PLACE - Rs. 2000/- 1<sup>st</sup> PLACE - Rs. 3000/- 3<sup>rd</sup> PLACE - Rs. 1000/-</p>	<p><b>CO-ORDINATOR</b></p> <p>Prof. D.W. Tathe, Sr. Lecturer (9822752711)</p>	
<p><b>CERTIFICATES WILL BE GIVEN TO ALL PARTICIPANTS</b></p>	<p><b>ORGANIZING COMMITTEE</b></p> <p>Prof. R.H. Naravade - 9881088790 Prof. S.B. Sinare - 9822429825 Prof. N.B. Landage - 9946855608 Prof. V.S. Yendhe - 992337923 Prof. S.D. Shelke - 8668347592 Prof. S.B. Patule - 7057719117 Prof. S.P. Wathekar - 9767425265</p>	

# TECHNO-FEST-2023

State Level  
Project Competition  
For Mechanical Group

On  
28 April 2023

Organized  
by  
Department of Mechanical  
Engineering

Sr. No.	Name of Events	Beneficiary	Date	Venue	Remark
1	Teachers Day Celebration	SYME & TYME Students	05.09.2022	Mechanical Department	Dept. Level
2	Engineers Day	All Students	15.09.2022	Mechanical Department	Institute Level
3	Induction Program performed by Prof. V.R. Lawande	All First Year Students (New Admission)	22.09.2022	Seminar Hall	Institute Level
4	Techno Fair 2023	All TY Students	03.03.2023	Mechanical Dept.	Institute Level
5	FDTP (Online Mode)	All ME Group Faculty	21.02.2023 to 25.02.2023	Mechanical Dept.	State Level
6	Techno Fest 2023	All ME Group Students	28.04.2023	Mechanical Dept.	State Level

## PROGRAMME ATTEND BY STAFF



PROF. V.R. LAWANDE

Name of Event	Title of Event	From Date	To Date	Organize By
FDP	Computer Forensics & Cyber Crime	01-02-23	05-02-23	Sadabai Raisoni Women's College Nagpur
FDP	Data Science using Machine Learning	02-01-23	06-01-23	Pravara Rural Engineering College Loni In Collaboration With Excelr
FDP	Advances in Quality Control	21-02-23	25-02-23	Mechanical Engg Dept. Pravara Polytechnic Loni
Social Activity	Blood Donation	16-12-22	15-12-22	Prec & Polytechnic Loni
Quiz Competition	International Women's Day Quiz Competition	08-03-23	08-03-23	Snd Polytechnic, Yeola
Workshop	Engineering Materials Design and Simulations	15-02-23	17-02-23	National Institute Of Technical Teachers Training And Research Chandigarh (Ministry Of Education, Government Of India)



PROF. S.B. SINARE

Name of Event	Title of Event	From Date	To Date	Organize By
FDP	Advances in Quality Control	21-02-23	25-02-23	P.Dr.V. Vikhe Patil Polytechnic, Loni
FDP	Data Science using Machine Learning	02-01-23	06-01-23	Pravara Rural Engineering College, Loni
FDP	Novel Technology for Environment and Energy Sustaionability	20-02-23	25-02-23	P.Dr.V. Vikhe Patil Polytechnic, Loni
Blood Donation	Blood Donation	16-12-22	16-12-22	P.Dr.V. Vikhe Patil Polytechnic, Loni
Quiz Competition	International Woman's Day Quiz	08-03-23	08-03-23	Santosh Darade Polytechnic, Babhulgaon, Yeola



PROF. R.H. NARAVADE

Name of Event	Title of Event	From Date	To Date	Organize By
FDP	Amazon Web Services"	22-08-22	27-08-22	Brainovision Solutions India Pvt.Ltd & All India Council For Technical Education - Aicte.
FDP	Novel Technology for Environment and Energy Sustainability	20-02-23	25-02-23	Department Of Chemical Engineering, Pad. Dr. V. V. Patil Polytechnic , Loni
FDP	Advances in Quality Control"	21-02-23	25-02-23	Mechanical Engineering Pravara Polytechnic ,Loni
FDP	RAMMC-23	13-03-23	17-03-23	Dr. D. Y. Patil Institute Of Technology, Pimpri, Pune
Project Guide certificate)	DIPEX 2023	07-04-23	09-04-23	Akhil Bharatiya Vidyarthi Parishad And Shrijan 2023
Workshop	Data Science using Machine Learning	02-01-23	06-01-23	Pravara Rural Engineering College, Loni & Excelr
Workshop	Engineering Materials Design and Simulations	15-02-23	17-02-23	Department Of Applied Science, NITTTR Chandigarh



PROF. N. B. LANDAGE

Name of Event	Title of Event	From Date	To Date	Organize By
FDP	Novel technology for environment	20-02-23	25-02-23	Chemical Department, Polytechnic Loni
FDP	Advances in quality control	21-02-23	25-02-23	Mechanical Engineering Department, Polytechnic Loni
Workshop	How to publish a research paper effectively	13-11-22	13-11-22	Technology Research And Innovation Center, India



PROF. V.S. YENDHE

Name of Event	Title of Event	From Date	To Date	Organize By
FDP	Advanced Quality Control	21-02-23	25-02-23	Polytechnic Loni Mechanical Department



**PROF. S. D. SHELKE**

Name of Event	Title of Event	From Date	To Date	Organize By
FDP	Novel technology for Environmental and Energy sustainability	20-02-23	25-02-23	Vikhe Patil Polytechnic, Loni
Paper Publication	Review of tribological property of vegetable oil with Additives	22-09-22	22-09-22	IJRSET
Project Guide certificate	Project computation	07-04-23	09-04-23	DIPEX
Workshop	E-vehicle	04-05-22	06-05-22	Automobile Engineering Department ,Pravara Polytechnic College Loni
Workshop	"7 Secrets to Mastering Effective Communication Skills in English"	03-10-22	09-10-22	Research India Foundation
Workshop	"7 Secrets to Mastering Effective Communication Skills in English"	09-10-22	09-10-22	Research India Foundation



**PROF. S. B. PULATE**

Name of Event	Title of Event	From Date	To Date	Organize By
FDP	Computer Forensics and cyber crime	01-02-23	05-02-23	Sadabai Raisoni Women College, Nagpur
FDP	Advances In Quality Control	21-02-23	25-02-23	P.Dr.V.V.P. Institute Of Technology And Engineering Loni
FDP	Novel Technology For Environment and Energy Sustainability	20-02-23	25-02-23	P.Dr.V.V.P. Institute Of Technology And Engineering Loni



## PAPER /JOURNALS PUBLISH

Name of Staff	Name of Event	Level	Title Of Paper	Name of Journal / Name of Conference	Impact Factor	Date
Prof. V. R. Lawande	Paper Published in Journal	International	Effect On Mechanical Properties Of Tig Welding Aluminium Alloy Aa7075 Joints	International Journal of Creative Research Thoughts (IJCRT)	7.97	02-02-23
	Paper Presented in Conference	International	Mechanical Characteristics Of Aluminium Alloy Aa2025 And Aa7025 Butt Joints Made By Tig Welding	International Conference on Advances and Creations in Mech. Engineering	7	20-12-22
Prof. S.D. Shelke	Paper Published in Journal	International	Review On Tribological Properties Of Vegetable Oil And It's Use As Lubricant	IJIREST	8.18	09-09-22
	Paper Presented in Conference	International	To Study The Experimental Evaluation Of Tribological Property Of Vegetable Oil And Its Use As A Lubricant With Addetives	ICCMEST 2022	8.2	13-07-22
	Paper Published in Journal	UGC Approved Journal	Effect On Mechanical Properties Of Deep Cryogenic Treatment On Wear Behavior Of HSS Cutting Tool Steel	International Journal of Research and Analytical Reviews	7.17	19-04-23
Prof. S.B. Sinare	Paper Published & Presented	National	Vibrational Analysis Of Cracked Cantilever Beam For Varying Cracked Depth And Location	PRECCON-2023		28-03-23
Prof. S.B. Pulate	Paper Presented in Conference	International	Mechanical Characteristics Of Aluminium Alloy Aa2025 And Aa7025 Butt Joint Made By Tig Welding	ICACME		21-12-22
	Paper Published in Journal	International	Effect Of Mechanical Properties Of Tig Welding Aluminium Alloy Aa7075 Joints	IJCRT	7.97	02-02-23
Prof. R.H. Naravade	Paper Published in Journal	International	The Effects Of Heat And Deep Cryogenic Treatment On Wear Behavior Of HSS Cutting Tool Steel	International Journal Of Research And Analytical Reviews	7.17	19-04-23
Prof. N.B. Landage	Paper Published in Journal	International	Effect On Mechanical Properties Of Tig Welding Aluminium Alloy Aa7075 Joints.	International Journal of Creative Research Thoughts (IJCRT)	7.97	02-02-23
	Paper Presented in Conference	International	Mechanical Characteristics Of Aluminum Alloy Aa2025 And Aa7025 Butt Joint Made By Tig Welding	ICACME-2022	-	22-12-22
Prof. V.S Yendhe	Paper Published in Conference	International	Published Paper on "Evaluation of Crack Size and Location on Cracked Beam Structure Using Vibration Analysis and Fuzzy Logic Technique	International Journal of Creative Research Thoughts (IJCRT)	7.97	02.02.2023
	Paper Presented in Conference	International	Presented Paper on "Evaluation of Crack Size and Location on Cracked Beam Structure Using Vibration Analysis and Fuzzy Logic Technique	International Conference on Advances and Creations in Mech. Engineering ICACME-2022		20.12.2022
	Paper Presented in Conference	International	Presented Paper on "Vibrational Analysis Of Cracked Cantilever Beam For Varying Crack Depth And Location" at PREC for PRECCON -2023	PRECCON -2023		28.03.2023



International Symposium on  
**ADDITIVE MANUFACTURING OF METALLIC ALLOYS AND COMPOSITES:  
ACADEMIC AND INDUSTRIAL PERSPECTIVE**  
April 11-13, 2023 (Virtual Mode)  
Organized by  
**POPM Indian Institute of Information Technology, Design and Manufacturing, Jabalpur**

This is to certify that  
**SHELKE SAGAR DADASAHEB,**  
has participated in  
International Symposium on Additive Manufacturing of Metallic Alloys and Composites: Academic and Industrial Perspective (11-13th April 2023)

**M. Balik Anwar** Chair  
**Prof. M. Zahid Ansari** Convener  
**Dr. Hendar Kumar Tiwari** Co-Convener  
**Dr. Himansu S. Nanda** Co-Convener  
**Dr. Tushar Choudhary** Co-Convener



**INTERNATIONAL WORKSHOP**  
**"7 Secrets to Mastering Effective Communication Skills in English"**  
OCTOBER 9, 2022  
This Certificate of Participation is presented to  
**SHELKE SAGAR DADASAHEB**  
FOR HAVING SUCCESSFULLY PARTICIPATED IN THIS WORKSHOP

**Prof. Anadi Srinivasulu** Professor, IT & Head, Data Science Research, BlueCrest University College, LIBERIA & ADVISOR, RESEARCH INDIA FOUNDATION  
**Dr. Rajendra Kumar Dash** Chairman, Research India Foundation, Bhubaneswar, Odisha, INDIA



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**Dr. Rajendra Kumar Dash** Chairman, Research India Foundation, Bhubaneswar, Odisha, INDIA



**Certificate of Participation**  
Certified that  
**Rahul Harishchandra Naravade**  
Working at  
P. D. V. Vihbe Pait Institute of Technology and Engineering (Polytechnic), Lonli  
has participated in one week Faculty Development Program (FDP) on  
"Novel Technology for Environment and Energy Sustainability"  
Organized by Department of Chemical Engineering, P.D. V.V. Pait Polytechnic, Lonli  
From 20th to 25th Feb 2023

**Prof. P. R. Gulve** Coordinator  
**Prof. A. S. Shirsath** Convener  
**Prof. N. M. Garad** HOD  
**Dr. V. R. Rathi** Principal



**One Day Workshop on**  
**How to Publish a Research Paper Effectively**

**Certificate**

This is to certify that  
**Wish Baburao Langde**  
From Pravara Rural Engineering College, Lonli, Maharashtra successfully completed a joint one day online workshop on "How to Publish a Research Paper Effectively" on Saturday, 13 November 2022 organized by Technology Research and Innovation Centre, India and Pravara Rural Engineering College, Lonli, India.

**Dr. Sandeep A. Desai** HOD, Mechanical  
**Prof. S. S. Srinivasan** HOD, Assistant Professor  
**Dr. S. S. Srinivasan** HOD, Assistant Professor  
**Dr. M. Ashish** HOD, Assistant Professor  
**Dr. M. Ashish** HOD, Assistant Professor

**Certificate of Participation**  
Certified that  
**Langde Nilesh Baburao**  
Working at  
P. D. V. Vihbe Pait Institute of Technology and Engineering (Polytechnic), Lonli  
has participated in one week Faculty Development Program (FDP) on  
"Novel Technology for Environment and Energy Sustainability"  
Organized by Department of Chemical Engineering, P.D. V.V. Pait Polytechnic, Lonli  
From 20th to 25th Feb 2023

**Prof. P. R. Gulve** Coordinator  
**Prof. A. S. Shirsath** Convener  
**Prof. N. M. Garad** HOD  
**Dr. V. R. Rathi** Principal



**Sadabai Raisoni Women's College, Nagpur**

**Certificate OF PARTICIPATION**

This is to certify that  
**Lawande Vishalkumar Rasoahb**  
attended the Faculty Development Program on  
"Computer Forensics & Cyber Crime" organized by Sadabai Raisoni Women's College, Nagpur  
from 1st Feb. 2023 to 5th Feb. 2023.

**Ms. Rutina Naz** Faculty  
**Mrs. Anita Yali** Faculty



**INTERNATIONAL WORKSHOP**  
**"7 Secrets to Mastering Effective Communication Skills in English"**  
OCTOBER 9, 2022  
This Certificate of Participation is presented to  
**SHELKE SAGAR DADASAHEB**  
FOR HAVING SUCCESSFULLY PARTICIPATED IN THIS WORKSHOP

**Prof. Anadi Srinivasulu** Professor, IT & Head, Data Science Research, BlueCrest University College, LIBERIA & ADVISOR, RESEARCH INDIA FOUNDATION  
**Dr. Rajendra Kumar Dash** Chairman, Research India Foundation, Bhubaneswar, Odisha, INDIA

**CERTIFICATE OF PARTICIPATION**  
PROUDLY PRESENTED TO  
**Rahul Harishchandra Naravade**  
for successful completion of One week Faculty Development Program on "Amazon Web Services" During the period of 22nd August 2022 to 27th August 2022 Organized by AMRUTVAHINI POLYTECHNIC in collaboration with BRAINOVISION SOLUTIONS INDIA PVT LTD & ALL INDIA COUNCIL FOR TECHNICAL EDUCATION - AICTE

**Prof. S. S. Srinivasan** HOD, Assistant Professor  
**Prof. S. S. Srinivasan** HOD, Assistant Professor  
**Prof. S. S. Srinivasan** HOD, Assistant Professor  
**Prof. S. S. Srinivasan** HOD, Assistant Professor

**SANTOSH N DARADE POLYTECHNIC,**  
Warananagar, YATKINJI, DISTRICT NASHIK

**Certificate**

This year's theme, "DigitalLE: Innovation and Technology for gender equality."

This is to certify that **Lawande Vishalkumar Rasoahb** of **Vihbe Pait Polytechnic Lonli** participated in the **International Women's Day 2023** Organized by **SND POLYTECHNIC, YEOLA (NASHIK)** Department of Central Library.

**Ms. Rutina Naz** Faculty  
**Mrs. Anita Yali** Faculty



**Certificate**

This is to certify that  
**Lawande Vishalkumar R P D. V. Pait Polytechnic Lonli, Lonli, Maharashtra**  
participated in three days workshop on  
**Engineering Materials Design and Simulations**  
conducted online by  
**Department of Applied Science, NITTR Chandigarh**

**Prof. S. S. Srinivasan** HOD, Assistant Professor  
**Prof. S. S. Srinivasan** HOD, Assistant Professor  
**Prof. S. S. Srinivasan** HOD, Assistant Professor  
**Prof. S. S. Srinivasan** HOD, Assistant Professor



## STUDENTS ACHIEVEMENT & PARTICIPATION

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

Sr. No.	Name of Student	Name of Comp.	Venue	Date	Remark
1.	Ghumaste Yuvraj Udamle Prathmesh	Pravara Science Fiesta -22	Sr. P.V.P. College Loni	21.09.2022	<b>Second Prize</b>
2.	Prathames Sachin Gumaste	Project Competition	Guru Gobind Singh Polytechnic, Nashik	25.03.2023	Project Title : Robotics Arm (Participation)
3.	Yuvraj Sameer Gumaste	Project Competition	Guru Gobind Singh Polytechnic, Nashik	25.03.2023	Project Title : Robotics Arm (Participation)
4.	Prathamesh Kishor Udamale	Project Competition	Guru Gobind Singh Polytechnic, Nashik	25.03.2023	Project Title : Robotics Arm (Participation)
5.	Chandrashekhar Ravindra Nehe	Project Competition	Guru Gobind Singh Polytechnic, Nashik	25.03.2023	Project Title : Robotics Arm (Participation)
6.	Sagar Kamalakar Varpe	Project Competition	Guru Gobind Singh Polytechnic, Nashik	25.03.2023	Project Title : Robotics Arm (Participation)
7.	Prathames Sachin Gumaste	TechPaper	CM Dept. Pravara Poly. Loni	31.03.2023	First Prize
8.	<ul style="list-style-type: none"> <li>• Kadam Prathmesh Balkrushna</li> <li>• Khedkar Ramakant Ashok</li> <li>• Murkute Rushikesh Bhagchand</li> <li>• Gayake Amit Balasaheb</li> </ul>	Dipex-2023	Sapna College of Engineering & Technology, Amrawati	07.04.2023 to 09.04.2023	Project Title : Mini Multifunctional Agriculture Technology (Participation)
9.	<ul style="list-style-type: none"> <li>• Gumaste Prathmesh Sachin</li> <li>• Ghumaste Yuvraj Udamle Prathmesh</li> <li>• Nehe Chandrashekhar</li> <li>• Udamle Prathmesh</li> </ul>	Dipex-2023	Sapna College of Engineering & Technology, Amrawati	07.04.2023 to 09.04.2023	Project Title : Robotic Arm (Participation)
10.	<ul style="list-style-type: none"> <li>• Gumaste Prathmesh Sachin</li> <li>• Ghumaste Yuvraj</li> </ul>	Technical Paper presentation Topic- Robotic Arm for Industry 4.0	SNJB's Shri HHJB Polytechnic, Chandwad Dist: Nashik	18.04.2023	<b>Third Prize</b> Consolation Prize Rs. 5000 and Certificate

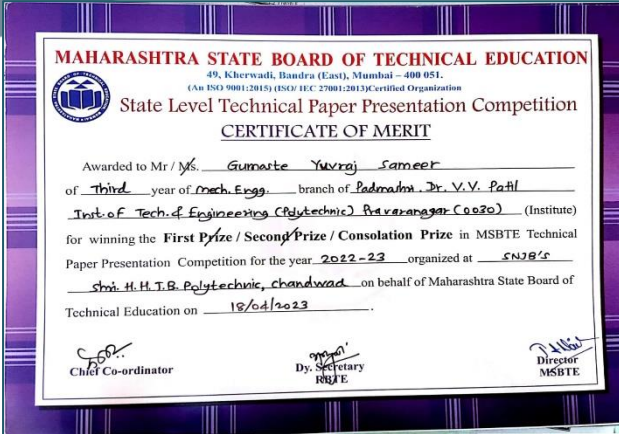
### Other than Co-curricular Activities

Sr. no.	Name of Event	organized by	Name of Student	Activity	Remark
1	Youva sangam,	Central govt. of India	Pawan Thorat	Cultural Tour	Started
2	Ball- Badminton	The Maharashtra Ball-Badminton Association	Harshad Kadam	Ball- Badminton	completed





**TYME Students got Second Prize in Robotics Competition Pravara Science Festa 2022 at PVP Sr. College. Loni on 22.09.2022 of**



### Robotic Arm for Industry 4.0

Prathmesh Gumaste<sup>1</sup>, Yuvraj Gumaste<sup>2</sup>, Prof. Sagar Shelke<sup>3</sup>

<sup>1</sup> Diploma Scholar, <sup>2</sup> Lecturer in ME, Department of Mechanical Engineering (Polytechnic) MSBTE P. Dr. Y.P.Polytechnic, Loni, Maharashtra, India  
<sup>3</sup> sagarshelke@pvp.ac.in

**Abstract**— This paper highlights the various aspects of a robotic arm after reviewing several successful research papers on manipulators. Nowadays, Robotic arm are being used in industries to minimize the human errors and increase efficiency, productivity, precision of the operations taking place. One of the most important advantages of introducing Robotic arm in Industries is that it can work in crucial conditions like high temperatures pressures where it's risky for humans to work. Since a manipulator comes under Flexible Automation, they can be updated and modified easily. We have referred several research papers which have been experimentally verified to observe the different types of controllers used and different methodologies used by different authors to decide the degrees of freedom of a manipulator used for the picking of an object and placing it at specified position. Thus, knowledge acquainted after referring all these papers, will help in designing the Robotic arm for industry 4.0.

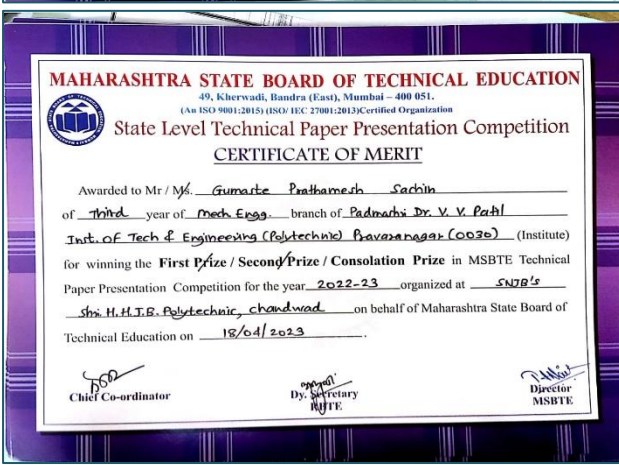
**Keyword**— Robotic Arm, Controller, End Effector, manipulator.

**I. INTRODUCTION**

Robotics is a branch of engineering that involves the conception, design, manufacture and operation of robots. The objective of the robotics field is to create intelligent machines that can assist humans in a variety of ways. Robotics can take on a number of forms. The robotic arm used here is to pick and place an object. It can be used as a whole robot or it can also use as a part of the big robot. The arm of robot moves forward and backward directions. Also, another joint move left and right directions of the robotic arm. Another one joint connected will be moving as a rotational motion. The robot used here is the wheeled robot. The wheeled robotic arm is very energy efficient; the wheels can move very freely and quickly through the smooth and hard surfaces. For the legged robots it took time and need more commands to get forward, backward or any direction movements. But in the case of wheeled robot the commands are not complicated and the movements of robot will be very quick. This wheeled robot can be very useful in the industrial purposes. Because in the industries they use smooth and hard surfaces. For the wheels we use motors for the rotation. The command to the robotic arm is given through the Internet of Things. We can use a mobile phone to transmit the data or give the command to the robot. In the mobile phone we can use an application to control the robotic arm. The application used here is developed by us called as Robotic Arm. For that we need Bluetooth connection to the mobile phone and the robotic arm. In the robotic arm we use Bluetooth connection for the connectivity. The Bluetooth can be connected to the Arduino microcontroller which we use in the robotic arm. With the Internet of Things, we can control the wheels of the robot as well as the arm of the robot. For that we have to upload program commands to the chip of the Arduino microcontroller of the robotic arm. There will be a battery for the collection of power supply to the robotic arm. For the movement of the robotic arm, we need some electrical energy that is given by the power supply.

**LITERATURE REVIEW**

Robotic arm developers are constantly moving towards more dexterous devices, with more DOF, and capabilities even beyond the human arm (Moran, 2007). Moran (2007) stated that the first sophisticated robotic arm was designed by da Vinci in 1495 with four DOF and an analog on-board controller supplying power and programmability. von Kempelen's chess-playing automaton left arm was also quite sophisticated. The first "position controlling apparatus" was patented in 1938 by Willard Pollard (according to Moran, 2007). This was a spray finishing robotic arm that had five DOF and an electrical control system. Although Pollard never built his arm, his design and interest in an industrial application for automated robotic arms would spur on the ingenuity of others. Unimate introduced the first industrial robotic arm in 1961, it has subsequently evolved into the PUMA arm (Moran, 2007). In 1963 the Ranecho arm was designed; Minsky's Tentacle arm appeared in 1968, Scheinman's Stanford arm in 1969, and MIT's Silver arm in 1974. Aired became the first cyborg human with a robotic arm in 1993 (Moran, 2007). In 2000 Miguel Nicollis redefined possible man-machine capacity in his work on cerebral implantation in owl-monkeys directly interfacing with robotic arms both locally and at a distance. These days Neuro-enhanced prosthetics such as cochlear implants, retinal implants, and highly dexterous limb prosthetics are heavily researched and already available (Moran, 2007). According to Moran (2007) direct neural control would produce hybrid devices with the reliability and control of robotic arms and a completely natural interface via the individual's own neocortex.



**Gumaste Prathmesh Sachin & Ghumaste Yuvraj TYME got Third Prize in Technical Paper presentation at SNJB's Shri HHJB Polytechnic, Chandwad Dist: Nashik on 18.04.2023**



**Two-project group participated MSBTE State level project competition at Sapna College of Engineering & Technology, Amravati**



## MOU ADDED IN YEAR

Sr No	Name of Company	Date of MOU	With /Without Alumni	Name of Alumni/ Contact Person	MOU Done by Staff
1	<b>Varsha Group of Companies</b> <b>Address:</b> G - 55, MIDC, Ahmednagar 9822198720 , 08046030910	25.01.2023	With Alumni	Mr. Nikhil Lune	Prof.V.S Yendhe & Prof.S.B Sinare
2	<b>Varsha Mouldings Pvt Ltd.</b> <b>Address:</b> B-84, MIDC, Ahmednagar- Maharashtra, India 08046030910	25.01.2023	With Alumni	Mr. Nikhil Lune	Prof.V.S Yendhe & Prof.S.B Sinare
3	<b>Disha Engineering Company</b> <b>Address:</b> W- 55 / A , Industrial Area, M I D C, Ahmednagar- Maharashtra, India 08048371906	25.01.2023	Without Alumni	Mr Nachiket Rasal	Prof.V.S Yendhe & Prof.S.B Sinare
4	<b>Sai Dwarkamai Agarbatti Plant</b> Pravaranagar	25.01.2023	With Alumni	--	Sujay Digambar Vikhe
5	<b>Saibaba Renewable Energy Shirdi</b>	25.01.2023	With Alumni	--	Mr. Sharad Shirole



## CAMPUS PLACEMENTS

Sr. No	Name of Companies who conducted Interviews Offline/Online Conducted	Dates of Campus Placement	Total No of Student Selected
1.	Arcelor Mittal Nippon Steel, Gujrat.	22.02.2023	04
2.	Bajaj Auto Ltd.	03.02.2023	15
3.	Toyo Engineering	18.02.2023	01
4.	Forbes Marshal	15.03.2023	03
5.	Epitome Components Ltd.	16.03.2023	16
6.	Sigma Electric Ltd.	21.03.2023	13
7.	TATA Motors Ltd.	09.03.2023	08
8.	Klassik Wheels Pvt Ltd.	17.03.2023	05
9.	Telge Projects Pvt. Ltd. Pune.	31.03.2023	02
10.	Parason Machinery Pvt.Ltd. Sambhajinagar.	19.04.2023	02
<b>% of Placement</b>			<b>100 %</b>



**Faliciation of Placed Students by Sau. Shalinitai Vikhe Patil Ex.President, Ahmednagar Zilha Parishad**







## 3D PRINTER

### New Facility Created for Students



### First Commercial Prototype through Consultancy

### CSR

Sr. No.	Type of Activity	Cost/Worth	CSR by Company
1	Donation of Lab Equipment (Thermal Engineering Lab) Model of Heat Exchanger	8000/-	Supertech Equipment's Sangli

## ALUMNI VISITED TO DEPARTMENT

Sr. No	Name of Alumnus	Contact number	Name Company with Address	Batch
1	Kaushik Jondhale	9011010106	Jitamitra Electro Engineering. Pvt Ltd N-7 MIDC Area Ahmednagar 414111.	2006
2	Talole Pranav Nijay	9850077849	Forbes Marshall Pune	2020
3	Prasad Wakchaure	8830050320	Samma Technologies Pvt Ltd	2018
4	Saurabh Bhonde	9309754744	Capgemini Pune	2019
5	Unde Tejas	8459650129	Cholamandal Investement abd Finance	2021
6	Shubham Desai	9767471913	PREC	2021
7	Prathmesh Gunjal	7971379422	Nelson Nishotech Systems Pvt Ltd	2016
8	Chetan Kokate	7028643626	Seco Tools India,Pvt Ltd	2018
9	Shejul Mahesh Gitaram	8999929011	Seco Tools India,Pvt Ltd	2020
10	Gaikwad Monty Rajesh	9764367914	John Deere India Pvt Ltd	2018
11	Navnath gajanan Nirmal	9112763171	ITR Legal Advisor ,pune	2018
12	Aparna Satish Ghule	9359815996	Pricol company	2019
13	Sanket Tahakik	7774953103	JCB	2017
14	Manoj Dattatrya Gunjal	7709859496	Kamgar Sahakari Mudralaya,Sangamner	2015
15	Nirmal Swapnil Shankar	8796546085	ZF Steering and GearPvt Ltd,Pune	2017

### Alumni visit during Annual Social Gathering DARPAN 2K23

Sr. No	Name of Alumnus	Contact number	Name company with Address and post	Batch
1	Mahendra Ashok Aher	9422905242	Deputy Chief engineer,Pravara Sugar Factory,Pravaranagar	2005
2	Gholap Ajinkya N	9503090305	Assistant engineer,,Pravara Sugar Factory,Pravaranagar	2014
3	Pujari Rohan Gorakshnath	7774090707	Sourcing Analyst,GEP Solutions PVT Ltd,Mumbai	2016
4	Rahatal Jay Rajendra	9922557715	CDAC Course,Mumbai	2017
5	Patil Vikrant Vijay	9370183121	Service Engineer,Ganesh Sugar Factory,Ganeshnagar	2005
6	Nirmal Swapnil Shankar	8796546085	Design Engineer,ZF Steering and GearPvt Ltd,Pune	2017





**SUMMER INTERNSHIP IMPLANT TRAINING FOR SECOND YEAR  
MECHANICAL ENGINEERING STUDENTS**

Sr. No.	Name of the Company(Official name)	No. of Students	Duration in Months	Package offered per Month
1	Forbes Marshal,Pune	1	6 Weeks	-
2	Harihar Industries,G-118,MIDC,Ahmednagar	23	6 Weeks	9000 for 2 students
3	Inteva Auto Product Pvt. Ltd.,Chakan	1	6 Weeks	-
4	Jijamata Electro Engg. Pvt. Ltd.,N-7,MIDC area,Ahmednagar	3	6 Weeks	-
5	Mahale Behr India Private Limited Chakan,29 Milestone ,Pune nashik highway ,Kuruli.Khed Pune.	9	6 Weeks	6500
6	Prabhat Dairy,Shrirampur	1	6 Weeks	-
7	Rahul Tractor, Near Dnyanmata school,Sangamner	1	6 Weeks	-
8	Sai Engineering Alandi Chakan Road Pune	5	6 Weeks	-
9	Sai prasad Hydraulics,Rahata	1	6 Weeks	-
10	Shaikh's Tata Motor Service center,Rahuri Factory	1	6 Weeks	-
11	Shree Laxmi Boiler Technowell(India) Pvt.Ltd.,Plot No.39&40,B-87,STICE,Musalgaon,Sinnar,422112	3	6 Weeks	-
12	Siddhi Forge Pvt Ltd Ahmednagar	2	6 Weeks	-
13	Trush well , Pvt.Ltd. Shrirampur MIDC	3	6 Weeks	-



# DARPAN 2K23 (ANNUAL SOCIAL GATHERING)





# SPORTS



**BALL BADMINTON FEDERATION OF INDIA**  
 Affiliated to THE BALL BADMINTON FEDERATION OF ASIA  
 Recognized by THE DEPARTMENT OF YOUTH AFFAIRS & SPORTS  
 Head Office : 105, Giri Dhanva, Hayakara Street, Hinkar, Mysore-17  
 Mob : 94484 88783, 87704 57215, E-mail : bbf1954@gmail.com

**41<sup>st</sup> SUB JUNIOR NATIONAL BALL BADMINTON CHAMPIONSHIP 2022-23**  
 For Boys & Girls 16-02-2023 to 20-02-2023  
 Organised by : Telangana Ball Badminton Association  
 Promoted by : Ball Badminton Federation of India

No. 267

**Honour Certificate**

This is to certify that Sri / Kuntari Harshad Yadav  
 S/o., D/o. Prati DOB 28/07  
 of Maharashtra State has participated in the  
 41<sup>st</sup> Sub Junior National Ball Badminton Championship for Boys & Girls secured  
 1<sup>st</sup> / 2<sup>nd</sup> / 3<sup>rd</sup> place held at Pragati Stadium, Sriampur, Mancherial, Telangana  
 16<sup>th</sup> February to 20<sup>th</sup> February 2023.

Place : Mancherial  
 Date : 20/02/2023

**ASHOK KUMAR GOYAL** President  
**DINESH** General Secretary  
**R. RAVINDER** Organising Secretary

**THIRD PLACE (BOYS)**  
 41<sup>st</sup> SUB- JUNIOR NATIONAL  
 BALL BADMINTON CHAMPIONSHIPS 2022-23  
 (Under 15 Years For Boys & Girls)  
 From: 16-02-2023 to 20-02-2023  
 Venue : PRAGATHI STADIUM, SRIRAMPUR  
 MANCHERIAL DIST. TELANGANA

**PROMOTED BY:**  
 BALL BADMINTON FEDERATION OF INDIA

**ORGANISED BY:**  
 TELANGANA BALL BADMINTON ASSOCIATION

**CONDUCTED BY:**  
 COMBINED ADILABAD DISTRICT BALL BADMINTON ASSN.

**SPONSORED BY:**  
**SRINIDHI CHITS (HYDERABAD) PVT.LTD.**  
**KARIMNAGAR**

# Science Day

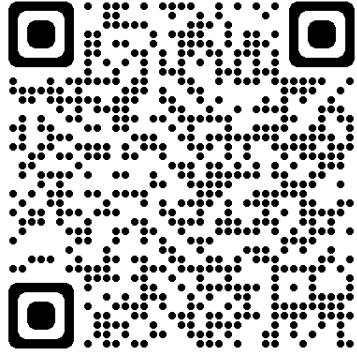


# Shivajayanti 2023

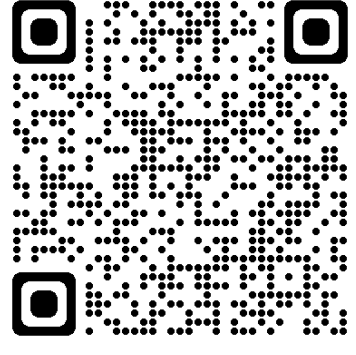




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रॉपे सह्याद्री 20 Sep 2022 - 20 Sep 2022 - Page 2

## प्रवरेत दर्जेदार शिक्षण : आण्णासाहेब म्हस्के

प्रतिनिधी | राष्ट्र सह्याद्री

लोकप्रिय कोविडच्या संकटानंतर जगभर पुन्हा नव्याने भारी पेटली आहे. या काळात तंत्रशिक्षणाचे महत्त्व सर्वांना समजले असल्याने तंत्रशिक्षणाकडे पुन्हा आणखी वाढता कल दिसून येत आहे. मुलांच्या भवितव्याच्या दृष्टीने तांत्रिक शिक्षण अतिशय महत्त्वाचे आहे. परछी डॉ. विठ्ठलराव विखे पाटील पॉलिटेक्निक हे राज्यातील पहिले खाजगी विना अनुदानित तत्वावधीत पहिले पॉलिटेक्निक लोकांने खासदार बाळासाहेब विखे पाटील यांच्या प्रकल्पानुसार सुरू झाले. येथे शिस्तानुसार दृष्टीने सुगम वातावरण असून प्रवरेत दर्जेदार शिक्षण दिले जात असल्याने राज्यात उच्च गुणवत्तापारक विद्यार्थी प्रवेशात प्रथम क्रमांकाची पसंती देत असल्याचे प्रतिपादन माजी मंत्री आण्णासाहेब म्हस्के पाटील यांनी केले.



केलात तांबे, सहसचिव भारत घोगरे, अतिरिक्त मुख्य कार्यकारी अधिकारी डॉ. शिवानंद शिरमड, माध्यमिक विभाग संचालक प्रा. लिलावती सोमडे, पॉलिटेक्निकचे प्राचार्य डॉ. व्ही.आर. राठी, प्राचार्य प्रा. अर्जुन आहेर उपस्थित होते. यावेळी राज्य तंत्रशिक्षण मंडळ मुंबई यांचे प्रतिनिधी या पॉलिटेक्निकला एक्सलेंट ग्रेड मिळाल्याबद्दल सर्व विभाग प्रमुखांचा मान्यतेचा हल्ले सत्कार करण्यात आला.

प्रा. शिरसाठ म्हणाले की, कंपन्यांपुढून अनेक नोकरीच्या संधी उपलब्ध आहेत. परंतु विद्यार्थ्यांनी योग्य ते कौशल्य आत्मसात करणे गरजेचे आहे. ग्रामीण भागातील मुलांमध्ये आत्मविश्वास निर्माण करण्याचे काम राम्याने महसूल मंत्री राधाकृष्ण विखे पाटील यांच्या संकल्पनेतून कंपन्यांपुढून लागणारे कौशल्य, गुणवत्ता, मुलाखतीचे कौशल्य, प्रकल्पाची निवड,

सिटी मराठी अहमदनगर 31-10-2022

## विखे पाटील पॉलिटेक्निकच्या अर्डीनो रोबोटची राज्यपातळीवरील स्पर्धेत बाजी

प्रतिनिधी | लोणी



राज्यात पहिले पॉलिटेक्निक म्हणून स्थापन झालेले विखे पाटील पॉलिटेक्निकचे प्राचार्य डॉ. व्ही.आर. राठी यांनी अहमदनगर येथील विखे पाटील पॉलिटेक्निकच्या अर्डीनो रोबोट स्पर्धेत बाजी मारली असल्याची माहिती पॉलिटेक्निकचे प्राचार्य डॉ. विजय राठी यांनी दिली.

अहमदनगर येथील विखे पाटील पॉलिटेक्निकच्या अर्डीनो रोबोट स्पर्धेत बाजी मारली असल्याची माहिती पॉलिटेक्निकचे प्राचार्य डॉ. विजय राठी यांनी दिली.

सिटी मराठी अहमदनगर सिटी 20-09-2022

## राज्यात पहिले पॉलिटेक्निक म्हणून स्थापन झालेले विखे पाटील पॉलिटेक्निकच्या अर्डीनो रोबोटची राज्यपातळीवरील स्पर्धेत बाजी

प्रतिनिधी | लोणी



राज्यात पहिले पॉलिटेक्निक म्हणून स्थापन झालेले विखे पाटील पॉलिटेक्निकचे प्राचार्य डॉ. व्ही.आर. राठी यांनी अहमदनगर येथील विखे पाटील पॉलिटेक्निकच्या अर्डीनो रोबोट स्पर्धेत बाजी मारली असल्याची माहिती पॉलिटेक्निकचे प्राचार्य डॉ. विजय राठी यांनी दिली.

अहमदनगर येथील विखे पाटील पॉलिटेक्निकच्या अर्डीनो रोबोट स्पर्धेत बाजी मारली असल्याची माहिती पॉलिटेक्निकचे प्राचार्य डॉ. विजय राठी यांनी दिली.

सकाळ

## 'विखे'च्या विद्यार्थ्यांनी बनविला अर्डीनो रोबोट

लोणी, ता. ३० : पंचाश्री विखे पाटील पॉलिटेक्निकच्या मेकेनिकल अभियांत्रिकीच्या अंतिम वर्षातील विद्यार्थ्यांनी तयार केलेल्या स्वयंचलित अर्डीनो रोबोट प्रकल्पास प्रवा सायन्स फिस्टा या राज्यस्तरीय स्पर्धेत द्वितीय पारितोषिक प्राप्त झाले आहे. या प्रकल्पाने राज्यपातळीवरील विविध स्पर्धेतही बाजी मारली असल्याची माहिती पॉलिटेक्निकचे प्राचार्य डॉ. विजय राठी यांनी दिली.

अर्डीनो रोबोट चार कॅमेऱ्यांच्या सहाय्याने सहजपणे त्या अडथळ्यांतून सुरुशीत वाटेने जड वाहतुकीसाठी यशस्वीपणे मार्गक्रमण करू शकतो. यासाठी कॅमेऱ्यांच्या सहाय्याने मार्गातील अडथळ्यांचे स्कॅनिंग करून मागे-पुढे अथवा उजवीकडे व डावीकडे हा रोबोट स्वतःचा रस्ता शोधून वाटचाल करतो. प्रथमेश गुमास्ते, युवराज गुमास्ते, सागर वेंपे व प्रथमेश उदमले अशा विद्यार्थ्यांची नावे आहे. प्रकल्पामध्ये आणखी नवीन बदल करण्यासाठी विभाग प्रमुख प्रा. विशाल लवांडे व प्रा. राहुल नखडे यांच्या मार्गदर्शनाखाली प्रयत्न सुरू आहेत.

न्युक्लियर प्लँट, पॉवर प्लँट जेथे रेडोएशनमुळे मनुष्याला हानी पोहोचू शकते. अशा ठिकाणी या रोबोटचा उपयोग होऊ शकतो. हा स्वयंचलित



लोणी : स्वयंचलित अर्डीनो रोबोट या प्रकल्पास राज्य पातळीवर प्राविण्य मिळविल्याबद्दल सत्कार प्रसंगी प्राचार्य डॉ. विजय राठी. समवेत विभाग प्रमुख प्रा. विशाल लवांडे, प्रा. राहुल नखडे.

Nagar, Nagar-Today 31/10/2022 Page No. 2

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