



YASHODA TECHNICAL CAMPUS

FACULTY OF POLYTECHNIC

ACADEMIC YEAR 2024-25, EVEN SEMESTER



Prof. Dasharath B. Sagare
Founder-President,
YSPM, Satara



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NEWSLETTER



YASHODA TECHNICAL CAMPUS
FACULTY OF POLYTECHNIC

**DEPARTMENT OF MECHANICAL
ENGINEERING**



VISION:

To be the recognized and the best rural based engineering college among the institutes in Maharashtra for the excellence in technical education which contributes to the needs of society and to inculcate value based education.

MISSION:

M1- To create opportunity for rural students with capable clever engineers and technocrats through continual excellence in engineering education.

M2- To create self-disciplined, skilled, physically and mentally fit and robust, ethically and morally powerful engineers and technocrats with the higher degree of integrity who are responsible and capable to meet the challenges of advance technology of present and future scenario for the welfare of mankind and nature.

M3- Promote an educational environment that integrates an excellent academic discipline and research culture to stimulate the overall technical and social growth of young engineering graduates.

M4- Enhance career opportunities for students through Industry-Institute-Interaction and value added courses training and skill development.

M5- Inculcate entrepreneurship mindset in students to enable them job creators.

ABOUT YASHODA GROUP OF INSTITUTE

About Institute

Globalization has hit the areas of Science and Technology and its established to stay in the long run and hence Global competitiveness has become the trademark in all technical institutes. Recognized by Government of Maharashtra and affiliated to the Shivaji University, Kolhapur, as well as an AICTE approved organization. The foundation laid in the year 2009, YSPM's YTC. Ever since its establishment has helped persistently to improve in both curriculum and extra-curriculum activities. An individual can experience the resources and facilities of a relax and the calm peacefulness in this campus at once. The organized structure of Yashoda Technical Campus trains the individuals to strongly root the philosophy of training and research that develops and emphasizes the intimate relationship between the knowledge of the practical application in the society. YTC provides a great platform for pursuing an designed academic pursuit.

Institute Profile

Yashoda Technical Campus, Satara is one of the best Engineering college in Satara , established in 2011, nurtured and managed by Yashoda Shikshan Prasaarak Madal's, Satara. YSPM is functioning proactively to provide the best professional environment to Engineering and Management students in terms of academics, industry oriented trainings, sports, social, cultural, co-curricular and extracurricular activities etc to create true aesthetically sensitive, socially committed and technologically competent engineers and management professionals. Yashoda Institutes sets a new standard of excellence in Satara district. Three of its programs have been awarded NBA accreditation for three years. This prestigious recognition underscores the Institute's commitment to quality education and its faculty's dedication to student success. The Hon. President acknowledged the faculty's efforts with a special felicitation.

OUR DEPARTMENTS:

Diploma Engineering (Polytechnic)		
1	Artificial Intelligence & Machine Learning	60
2	Civil Engineering	60
3	Computer Engineering	90
4	Electrical Engineering	60
5	Information Technology	60
6	Mechanical Engineering	30

17 Jan, 2025

Department of Mechanical Engineering

Alumni-Student Interaction



Alumni-Student Interaction Session – Mechanical Engineering Department

The Department of Mechanical Engineering (Polytechnic) successfully organized an Alumni-Student Interaction session on 17th January 2025 for all students of the department. This event, held annually, serves as a platform to strengthen the bond between alumni and current students while also recognizing the invaluable contributions of educators in shaping the future of aspiring engineers.

This year's session was a vibrant and engaging event, bringing together students, faculty members, and distinguished guests to foster knowledge-sharing, motivation, and networking. The event was graced by the presence of Mr. R. S. Khandekar, Head, Department of General Science & Humanities, YTC Satara, who served as the Chief Guest. He shared his insightful thoughts on career growth, industry trends, and the importance of continuous learning in the field of engineering.

The interaction provided students with an opportunity to gain guidance from alumni regarding career opportunities, industry expectations, and professional challenges. Alumni shared their experiences, success stories, and valuable advice, inspiring students to strive for excellence.

The event witnessed active participation from the Heads of various departments, faculty members, and students of the Mechanical Engineering Department, making it a truly enriching experience for everyone present. The department extends its heartfelt gratitude to all attendees for making the event a grand success.

Such initiatives reinforce the strong connection between alumni and the institution while motivating students to embark on successful career paths with confidence and determination.

Department of Mechanical Engineering

PERSONALITY DEVELOPMENT



An interactive session on "How to Solve Aptitude Tests in a Smart Way" was organized to help participants understand the most efficient and effective strategies for tackling aptitude tests. The session was done by Adv. Guru Prasad Holkar, B.E. LLB, Entrepreneur, UPSC Aspirant. Aptitude tests are often a crucial component of recruitment processes, entrance exams, and competitive assessments. The session was designed to equip attendees with the necessary tools to improve their problem-solving speed, accuracy, and overall test performance.

Key Highlights in Session:

- **Understanding the Test Structure**
- **Time Management Techniques**
- **Smart Approaches to Problem-Solving**
- **Use of Practice and Mock Tests**

The session was well-received, and feedback from participants indicated that they found the tips and techniques shared to be highly beneficial in improving their problem-solving skills. Future sessions are expected to build on these insights and provide more in-depth preparation strategies.

Feedback from Students:

The session received positive feedback from the participants, with many students highlighting the following key points: -

- **Clarity and Practicality of Tips**
- **Interactive Approach**
- **Stress Management Insights**

Department of Mechanical Engineering
INDUSTRIAL VISIT AT UTKARSHA ENGINEERS PVT.LTD. SATARA



Department of Mechanical Engineering (Polytechnic) conducted industrial visit at Utkarsh Transmission Pvt Ltd Satara on 30th Jan 2025 for the all students of department.

An industrial visit was organized for Mechanical engineering department students to provide practical insights into the manufacturing processes and operations of a real-world facility. The visit aimed to bridge the gap between theoretical knowledge and industry practice.

Objectives:

To observe the manufacturing processes in action.

To understand the application of engineering principles in an industrial setting.

To interact with industry professionals and gain insights into career opportunities.

The industrial visit was a valuable experience that provided students with firsthand knowledge of manufacturing operations. The insights gained will enhance their understanding of engineering applications in the real world.

Department of Mechanical Engineering

INDUSTRIAL VISIT AT RADHAKRISHNA COLD STORAGE SATARA



Department of Mechanical Engineering (Polytechnic) conducted industrial visit at Radha Krishna Cold Storage on 30th Jan 2025 for the all students of department.

An industrial visit was organized for Mechanical engineering department students to provide practical insights into the manufacturing processes and operations of a real-world facility. The visit aimed to bridge the gap between theoretical knowledge and industry practice.

Objectives:

To observe the manufacturing processes in action.

To understand the application of engineering principles in an industrial setting.

To interact with industry professionals and gain insights into career opportunities.

The industrial visit was a valuable experience that provided students with firsthand knowledge of manufacturing operations. The insights gained will enhance their understanding of engineering applications in the real world.

Department of Mechanical Engineering

PARENTS MEETING



Department of Mechanical Engineering (Polytechnic) arranged a Parent meeting in the Department on 14th Feb 2025 for the all students of department.

Parents interaction is arranged twice in the semester to know the various points of the students' academic & other activities for their development. Discussion points are Monthly attendance, Examination results, other activities.

Meeting Highlights:

1. Academic Performance and Student Progress
 - Teachers presented an overview of student performance, highlighting achievements and areas for improvement.
 - Strategies to support students at home were discussed.
2. Behavioral and Disciplinary Issues
 - Common concerns regarding student behavior were addressed.
 - School policies on discipline and conflict resolution were explained.
3. Extracurricular Activities and Parental Involvement
 - Updates on sports, clubs, and other activities were given.
 - Parents were encouraged to participate in school events and volunteer opportunities.

For this activity the chief Guest was Prof. Pravin Gavade, Principal, Faculty of Polytechnic, YTC Satara have shared their valuable thoughts. Parents & students also shares their suggestions' & thoughts.

Academic Coordinator Prof. R.S. Khandekar, Prof. R.H. Basugade Head of department, all the faculties & students of Mechanical Department was present for this activity.

Department of Mechanical Engineering

GFM Meeting with Principal Sir



Date: 27-02-2025

Time: 02:50 pm to 03:15 pm

Class: Second Year

Venue: Principal Cabin

Chairperson: Prof. P.P. Gavade

Discussion Points:

Academic Performance:

The faculty members discussed students' performance in the recent examinations and continuous assessments. Weak areas were identified, and additional support such as remedial classes was suggested.

Attendance & Discipline:

Attendance records were reviewed, and students with low attendance were advised on the importance of maintaining a minimum required attendance. Disciplinary concerns, if any, were also addressed.

Students' Concerns & Suggestions:

Students raised concerns regarding subjects, faculty support, lab sessions, or any issues they were facing. Necessary steps were discussed to resolve these issues.

Action Plan & Follow-Up:

Conduct remedial classes for academically weak students.

Regular monitoring of attendance and timely feedback to students.

Address students' concerns related to academics and infrastructure.

Organize workshops/seminars for career guidance and technical skills.

Conclusion:

The meeting concluded with positive feedback from students and faculty members. GFM assured continuous support for students' academic and personal growth. The next meeting will be scheduled as per academic requirements.

Mechanical Engineering

YASHO TECHFEST 2K25



Faculty of Polytechnic organize state level event “Yasho Techfest 2k25” on 18th March 2025 for the students in Maharashtra.

The State-Level Event was organized to bring together participants from various regions to engage in discussions, competitions, and collaborative activities. This report outlines the objectives, structure, key activities, and outcomes of the event.

Objectives:

- The primary objectives of the event were:
- To promote knowledge sharing and skill enhancement.
- To encourage participation from diverse groups across the state.
- To provide a platform for networking and collaboration.
- To recognize and reward excellence in various fields.
- To foster community engagement and innovation.

For this activity the chief Guest was **Dr. Dinesh Amanuelkar** have shared their valuable thoughts.

The State-Level Event was a great success, providing a valuable platform for learning, networking, and recognition. Future editions of the event can build upon these achievements to create even more impactful experiences.

FDP ORGANISED BY DEPARTMENT

Yashoda Shikshan Prasarak Mandal's
Yashoda Technical Campus
Faculty of Polytechnic
Wadhe, NH-4, Satara - 415011 (M.S.)

3 Days Faculty Development
Program (Online)
on

**"Entrepreneurship and Innovations
in Mechanical Engineering"**

Dates 10/03/2025 to 12/03/2025

REGISTRATION FORM

Name :
Branch :
Institution :
Contact No. :
E-mail id :

Signature of the Applicant

(Note Scan & Upload this duly signed form in
registration link send on mail :
raj.patil009@gmail.com)



Scan for Payment
RS 100/-

Sign. of Principal with seal

CHIEF PATRONS

Hon. Dr. V. M. Mohitkar

Director, DTE, MS, Mumbai

Hon. Dr. P. A. Naik

Director, MSBTE, Mumbai

Hon. Mr. U. T. Nagdeve

Secretary, MSBTE, Mumbai

Hon. Dr. D. V. Jadhav

Joint Director, DTE, RO, Pune

Mrs. M. U. Kokate

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Deputy Secretary, RBTE, Pune

Mrs. K. Y. Kale

Asst. Secretary (T), MSBTE, Mumbai

Mrs. A.R. Kaigude

Asst. Secretary (T), RBTE, Pune

PATRONS

Prof. Dasharath Sagare

Founder President, YSPM, Satara

Prof. Ajinkya Sagare

Vice - President, YSPM, Satara.

CONVENOR

Prof. Pravin P. Gavade

Principal, Faculty of Polytechnic

CO-CONVENOR

Prof. R. H. Basugade

HOD, Mechanical Eng. Department.

RESOURCE PERSONS

Mr. Dadasaheb Attar

M/S Perfect Robotics, Chikhali, Pune 411062

Mr. Sudhir Arali

KIT's Innovation and Research Foundation
of KIT's College of Engineering (Autonomous), Kohapur

Dr. Uday Lokhande

Counselor, Business Coach, Satara

3 Days Faculty Development
Program (Online)
on

**"Entrepreneurship and Innovations
in Mechanical Engineering"**

Dates 10/03/2025 to 12/03/2025



Organized by



YSPM'S

YASHODA TECHNICAL CAMPUS,

Faculty of Polytechnic,
Department of Mechanical
Engineering, Satara.



- **Mechanical Engineering:** Online Faculty Development Program on
"Entrepreneurship & Innovations in Mechanical Engineering".