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MSBTE



YSPM



THE CIVIL SCOPE

EXCLUSIVE NEWSLETTER

**FACULTY OF POLYTECHNIC
DEPARTMENT OF CIVIL ENGINEERING**



8th युवा संसद



**CHIEF EDITOR
PROF. P. S. MATKAR**

OUR INSPIRATION

**VICE PRESIDENT
HON. AJINKYA SAGARE SIR**

OUR TEAM OF MANAGEMENT & OFFICE BEARERS



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Prof. Ajinkya Sagare
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Faculty of Engineering



Mr. Atul Sagare
Campus
Coordinator

DEPARTMENT OF CIVIL ENGINEERING

STRUCTURE



Prof. Pravin Gavade
Principal



Prof. Ranjeet Khandekar
Central Academic Coordinator



Prof. Pratik Matkar
HOD



Prof. Smita Chavan
Academic Coordinator



Prof. Pallavi Jadhav
NBA Coordinator



Prof. Rutuja Jadhav
EXAM Coordinator



Prof. Karan Gaikwad
T & P Coordinator



Prof. Ritu Mulani
CESA Coordinator



Ms. Prachi Dhumal
LAB Assistant



Mr. Hrishikesh Babar
LAB Assistant

PRINCIPAL MESSAGE



PROF.P.P.GAVADE

It is with immense pride that I present the current semester edition of the Civil Polytechnic Department Newsletter, a reflection of the dedication, talent, and innovation that define our department's culture. This semester has been remarkably vibrant, with our faculty and students consistently raising the bar through academic excellence, industry engagement, and national-level recognition. I extend my heartfelt congratulations to Prof. P. S. Matkar, Head of the Civil Engineering Department, who has made us proud on multiple fronts. He successfully completed a 5-day Industrial Training at the L&T Skill Training Academy, receiving the Most Punctual Participant Award. He also achieved a significant academic milestone by publishing a research paper in the International Research Journal of Modernization in Engineering Technology and Science and earning a prestigious Certificate of Excellence for his contribution as a reviewer for the Journal of Experimental Agricultural International.

His accomplishments reflect a strong commitment to academic growth and knowledge dissemination. Our faculty members continue to lead by example. I would also like to recognize Mrs. Pallavi Ketan Jadhav, who was awarded an NPTEL Certification for the course titled "Remote Sensing Principles & Applications", a 12-week program conducted by IIT Bombay. Her achievement adds great value to our teaching and learning ecosystem.

This semester, our students continued to bring laurels to the department. They participated in prestigious events such as the National Level Technical Festival, the State Level Technical Quiz Competition at Government Polytechnic Pune organized by MSBTE, and Techxellence 2K25, where they showcased their knowledge and skills with excellence. Their research paper publications in reputed international journals affirm our department's strong research culture.

Enriching activities such as the Nirmiti Microproject Exhibition 2025, Expert Lecture on Estimating, Costing & Valuation, and the Online Faculty Development Program on Real Estate and Property Governance have greatly enhanced academic and professional competencies.

We continue to bridge the gap between academics and industry through practical learning. Students visited the Satara Railway Station, the PSC Bridge construction site, and attended the International Exhibition – CONSTRO 2K25 in Pune, gaining exposure to cutting-edge practices in civil engineering.

The Parent-Teacher Meet for second- and third-year students created a valuable forum for communication, support, and collective growth. Such engagements are essential to ensure student success.

Our NBA accreditation remains a hallmark of quality, and we continue to evolve by embracing innovation, industry-aligned education, and value-based engineering.

I sincerely thank Prof. P. S. Matkar and the entire faculty for their dedication, and I express deep appreciation to our parents, alumni, and industry partners for their continued support and encouragement.

To our students – keep pushing boundaries, stay curious, and lead with purpose. The world needs engineers who think beyond the blueprint and build with compassion, sustainability, and vision.

"In civil engineering, we don't just build structures — we shape society's future. Let us continue to innovate, inspire, and rise together."

**Warm regards,
Prof. Pravin Gavade
Principal**

HOD MESSAGE



Dear Students, Parents, Faculty, and Industry Partners,

I am pleased to present this edition of the Civil Engineering Department Newsletter, which reflects the remarkable progress and achievements of our department this semester. It has been a period of great academic activity, industry engagement, and student excellence. As we look back at our journey, I feel immense pride in the accomplishments of both our faculty and students. This semester, we have seen faculty members continue to inspire through their dedication to both teaching and research. I am personally honored to have completed a 5-day Industrial Training at the L&T Skill Training Academy, where I was awarded the Most Punctual Participant Award.

PROF.P.S.MATKAR

Additionally, I published a research paper in the International Research Journal of Modernization in Engineering Technology and Science and received a Certificate of Excellence for my contribution as a reviewer for the Journal of Experimental Agricultural International. These accomplishments are a testament to our department's commitment to excellence and the ongoing professional development of our faculty. Our students have continued to showcase their talents and skills on national and international platforms. From participating in the National Level Technical Festival to excelling in the State Level Technical Quiz Competition organized by MSBTE and Techxellence 2K25, they have proven their capabilities. Their research publications in esteemed international journals further highlight the strong research culture fostered within our department. I am also proud of the efforts in practical learning, with students gaining valuable industry exposure through field visits to sites like the Satara Railway Station, PSC Bridge Construction, and the CONSTRO 2K25 Exhibition in Pune. These experiences bridge the gap between academic knowledge and real-world engineering practices.

In addition to these achievements, we have hosted several enriching events, including the Nirmitti Microproject Exhibition 2025, an Expert Lecture on Estimating, Costing & Valuation, and the Online Faculty Development Program on Real Estate and Property Governance. These initiatives have empowered both our students and faculty to expand their academic and professional competencies. The Parent-Teacher Meet held for second- and third-year students also created a valuable platform for collaboration and communication between parents, students, and faculty, ensuring collective growth and success.

As we continue to maintain our NBA accreditation, we are committed to embracing innovation, ensuring quality education, and preparing our students for the challenges of the future. I extend my heartfelt gratitude to our Principal, Prof. Pravin Gavade, and to all faculty members, students, parents, and industry partners for their unwavering support. To our students, I encourage you to keep pushing boundaries, stay curious, and lead with purpose. Together, let us build not just structures, but a better future for all.

**Warm regards,
Prof. P. S. Matkar**

Head, Civil Engineering Department

INSTITUTE VISION & MISSION

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.

DEPARTMENT VISION & MISSION

VISION

To make a remarkable technocrats in civil engineering of the nation, with the dynamic knowledge, skill and employability.

MISSION

M1-To prepare students for entrepreneurship

M2-To prepare students for universal Human Values, team work and good communication skill

M3-To create awareness among the students about new inventions in civil engineering field for research and developments.

M4-Provide Sustainable environment for learning, co curricular and extra curricular activities for overall personality development

PEOs, POs, PSOs

Programme Educational Objectives (PEOs)

PEO1: Provide socially responsible, environment friendly solutions to Civil engineering related broad-based problems adapting professional ethics.

PEO2: Adapt state-of-the-art Civil engineering broad-based technologies to work in multi-disciplinary work environments.

PEO3: Solve broad-based problems individually and as a team member communicating effectively in the world of work.

Program Outcomes (POs)

At the entry point of the industry soon after successful completion of the diploma program, students will be able to

PO1: Basic and Discipline specific knowledge: Apply knowledge of basic mathematics, sciences and engineering fundamentals and engineering specialization to solve the engineering problems.

PO2: Problem analysis: Identify and analyse well-defined engineering problems using codified standard methods.

PO3: Design/ development of solutions: Design solutions for well-defined technical problems and assist with the design of systems components or processes to meet

PO4: Engineering tools, Experimentation and Testing: Apply modern engineering tools and appropriate technique to conduct standard tests and measurements.

PO5: Engineering practices for society, sustainability and environment: Apply appropriate technology in context of society, sustainability, environment and ethical practices.

PO6: Project Management: Use engineering management principle individually, as a team member or a leader to manage projects and effectively communication about well- defined engineering activities.

PO7: Life-long learning: Ability to analyse individual needs and engage in updating in the context of technological changes.

Program Specific Outcomes (PSOs)

PSO1: Construction Planning and Designing: Perform optimal civil engineering construction, planning and designing activities of desired quality at optimal cost.

PSO2: Construction Execution and Maintenance: Execute civil engineering construction and maintenance using relevant materials and equipment.



THE CIVIL SCOPE NEWSLETTER



OCTOBER, 2024 31/10/2024

Congratulations! Pallavi Ketan Jadhav Excels in NPTEL Examination



NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)

This certificate is awarded to
PALLAVI KETAN JADHAV
for successfully completing the course

Remote Sensing: Principles and Applications

with a consolidated score of **50** %

Online Assignments	20.31/25	Proctored Exam	30/75
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Total number of candidates certified in this course: **377**

Jul-Oct 2024
(12 week course)



Prof. Sridhar Iyer
Head CDEEP & NPTEL Coordinator
IIT Bombay

Prof. Pallavi Ketan Jadhav, a dedicated lecturer in the Civil Engineering Department, has successfully passed the prestigious NPTEL course titled **"Remote Sensing Principles & Applications"**, a **12-week program** conducted from July to October 2024 **by IIT Bombay**.

This remarkable achievement highlights her commitment to academic excellence and her dedication to advancing her expertise in cutting-edge technologies in the field of Civil Engineering.

Her accomplishment serves as an inspiration to her colleagues and students alike, demonstrating the value of continuous learning and professional growth. Congratulations to Pallavi Ketan Jadhav on this well-deserved success!

9th December - 13th December 2024

Industrial Training by Larsen & Toubro Skill Training Academy at Madh, Mumbai



Satara: On 16/12/2024, Prof. P.S. Matkar, Head of the Civil Polytechnic Department at Yashoda Technical Campus, Satara, successfully completed a **five-day industrial training program at the Larsen & Toubro (L&T) Skill Training Academy, Madh, Mumbai**, held from 9th to 13th December 2024. The training was organized by the Maharashtra State Board of Technical Education (MSBTE), Mumbai. This comprehensive program covered a wide range of topics essential for modern civil engineering practices, including the development of smart cities, artificial intelligence applications in construction, advanced water management techniques, and the use of modern software tools. It also addressed challenges faced in the construction industry through hands-on sessions conducted by field experts at L&T. The training also emphasized soft skills development, providing participants with insights into effective communication, leadership, and teamwork. Prof. Matkar actively engaged in all sessions and gained valuable knowledge to enhance academic and industry-oriented learning in the department.

During the closing ceremony, Prof. P.S. Matkar was honored with a special recognition for being the **most punctual participant** throughout the training program. This acknowledgment underscores his dedication and professionalism.

The insights gained from this training will significantly contribute to the growth of the Civil Engineering Department and inspire students to bridge the gap between academics and industry practices.



07/01/2025

Research Publication by Civil Engineering Scholars



Satara: On 07/01/2025, The Civil Engineering Department of Yashoda Technical Campus, Satara, is proud to announce that Prof. Pratik Matkar, along with researchers Smita Chavan, Pallavi Jadhav, and Prachi Dhumal, have successfully published a research paper in the prestigious International Research Journal of Modernization in Engineering Technology and Science (e-ISSN: 2582-5208).

The paper, titled **"Rainfall Variability in Satara District of Maharashtra: A Case Study,"** appears in Volume 07, Issue 01, January 2025. This study offers a comprehensive analysis of rainfall patterns in the Satara District, providing valuable insights into the region's climatic variability and its implications for agriculture, water resources, and urban planning.

This achievement underscores the department's commitment to fostering research and innovation in civil engineering. The publication is a testament to the collaborative efforts of the authors and their dedication to advancing knowledge in the field.

23/01/2025

Industrial Visit At Satara Railway Station, Satara



Satara: The Civil Polytechnic Department conducted a study visit to Satara Railway Station for Second-Year Civil Engineering Diploma students on 23/01/2025, allowing them to gain practical insights into railway construction, maintenance, and operational systems. The students appreciated the comprehensive understanding of railway engineering concepts and their practical applications, enhancing their academic curriculum. This visit is coordinated by Prof. Mrs. Pallavi Jadhav & Ms. Prachi Dhumal under the guidance of Prof. P. S. Matkar.

25/01/2025

Certificate of Excellence for contribution as a reviewer for the Journal of Experimental Agricultural International.



Satara: We are delighted to announce that Prof. P. S. Matkar has been honored with a Certificate of Excellence for his significant contribution as a **reviewer** for the **Journal of Experimental Agricultural International**. He reviewed the manuscript titled **"Assessment of Canal Storage Dynamics for Sustainable Water Management in Thrissur North Kole Lands"** (Manuscript Number: **Ms_JEAI_130324**). This recognition highlights Prof. Matkar's dedication to academic excellence and his expertise in agricultural and water management studies. We extend our heartfelt congratulations to him for this remarkable achievement, which brings pride to our institution.

28/01/2025

Civil Polytechnic Students Shine at National Level Technical Festival



Pune: Three talented students from the Civil Polytechnic Department of Yashoda Technical Campus, Satara—Varsha Mozar, Bhagyashri Gosavi, and Omkar Joshi—participated in the prestigious **National Level Technical Festival**, Techmanthan-2025, held at JSPM's Group of Institutes, Pune, on 28th January 2025. The students represented YTC Satara with distinction, showcasing their technical skills and knowledge. Their outstanding efforts were highly appreciated, bringing pride and recognition to the department and the institution as a whole. This achievement highlights the dedication and excellence of the Civil Polytechnic Department in nurturing future engineers who excel on prominent platforms.

30/01/2025

Civil Polytechnic Students Shine at State Level Technical Quiz Competition at Government Polytechnic Pune organized by MSBTE

Pune: Mr. Ranjeet Ingale and Mr. Rutesh Kolekar from Faculty of Civil Polytechnic, participated in the **MSBTE State Level Technical Quiz Competition held at Government Polytechnic, Pune**, on 30th January 2025. Competing against top polytechnic students, they showcased their technical knowledge and problem-solving skills. The activity was coordinated by Ms. S. S. Chavan, Lecturer, Civil Engineering. Principal Prof. Pravin Gavade and HOD Prof. P. S. Matkar congratulated the students for their commendable efforts, emphasizing the institute's commitment to academic excellence.



31/01/2025

Civil Polytechnic Students Gain Industry Exposure at International Exhibition of Civil Engineering – CONSTRO 2K25 at Moshi, Pune



Pune : Second-year Civil Engineering Diploma students visited the **International Exhibition of Civil Engineering – CONSTRO 2K25 at Moshi, Pune** on 31/01/2025. Spanning 5 lakh sq. ft. with 400+ stalls the exhibition showcased modern materials, advanced techniques, and innovative construction technologies. The visit aimed to bridge the gap between classroom learning and real-world applications. Students witnessed live demonstrations of state-of-the-art construction equipment, sustainable building materials, and automation in civil engineering, enhancing their technical knowledge and industry awareness. Led by Prof. P. S. Matkar (HoD) and Mrs. P. K. Jadhav, the visit provided students with practical insights and industry exposure, enhancing their technical knowledge and professional growth. The students expressed gratitude to Principal Prof. P. P. Gavade and the management of Yashoda Technical Campus for their continuous support in providing industry-oriented learning opportunities.

22/02/2025

Expert Lecture on Estimating, Costing & Valuation



Satara: The Faculty of Civil Polytechnic, Yashoda Technical Campus, Satara, organized an Expert Lecture on Estimating, Costing & Valuation, enhancing students' understanding of cost estimation in civil engineering.

Er. Prathamesh Rajendra Chikane, Junior Engineer at Maharashtra State Warehousing Corporation, Kolhapur Division, shared insights on estimation, budgeting, and valuation techniques.

Coordinated by Prof. P. K. Jadhav under HOD Prof. P. S. Matkar, students actively engaged, gaining industry-relevant knowledge. The session reinforced the department's commitment to industry-oriented education.

22/02/2025

Parent-Teacher Meet Held for Second & Third-Year Civil Polytechnic Students



Satara: The Civil Polytechnic Department organized a Parent-Teacher Meet for Second-Year (SY) and Third-Year (TY) students to discuss academic performance, attendance, and study plans. Coordinated by Mrs. P. K. Jadhav (SY) and Ms. R. D. Jadhav (TY) under Prof. P. S. Matkar (HOD) and Prof. P. P. Gavade (Principal), the meeting included discussions on semester results, attendance, and exam preparation.

Parents actively participated, sharing feedback and expectations. Principal Prof. P. P. Gavade emphasized discipline and industry skills, while HOD Prof. P. S. Matkar highlighted technical training initiatives.

The event concluded positively, with parents appreciating the department's transparent communication and commitment to student progress.



24/02/2025

Nirmiti Microproject Exhibition 2025: A Success



Satara: The Research & Development Cell of Yashoda Polytechnic College successfully organized the Nirmiti Microproject Exhibition on 24th February 2025. This event provided a platform for students to exhibit their innovative microprojects and showcase their technical talents.

The event was graced by esteemed dignitaries, including Vice President Mr. Ajinkya Sagare, Director Dr. V. K. Redasani, Principal Prof. P. P. Gavade, and R&D Coordinator Mr. R. H. Basugade. Additionally, all Heads of Departments (HODs) were present to encourage and support the students.



More than 50 groups enthusiastically participated in the exhibition, representing various departments. The Civil Engineering Department contributed significantly, with a total of 10 projects displayed. Students demonstrated their creativity and problem-solving abilities through their models and presentations.

A notable achievement from the Civil Engineering Department was *Ms. Varsha Mozar from the final year, who won the 1st prize* for her outstanding project on a Smart Traffic System. Her innovative model and in-depth explanation received high praise from all departments and Principal Sir, acknowledging her hard work and dedication.



The exhibition was a grand success, promoting technical innovation and hands-on learning among students. The efforts of all participants were commendable, and the event served as a motivation for future endeavors in research and development at Yashoda Polytechnic College.

24/02/2025

3 Days Online Faculty Development Program on "Real Estate and Property Governance"

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

3 Days Faculty Development Program (Online)
on
"Real Estate and Property Governance"
03/03/2025 to 05/03/2025
REGISTRATION FORM

Name: _____
Branch: _____
Institution: _____
Contact Number: _____
E-mail Id: _____

Signature of the Applicant
(Note-Scan & Upload this duly signed form in registration link or send on mail: rajnagajadhav_poly@yahoo.co.in)

QR Code for Payment

Sign of Principal with seal

Chief Patrons
Hon. Dr. V. M. Moholkar
Director, DTE, MS, Mumbai
Hon. Dr. P. A. Nalk
Deputy, MSBTE, Mumbai
Hon. Mr. U. T. Nagdev
Secretary, MSBTE, Mumbai
Hon. Dr. D. V. Jadhav
Joint Director, DTE, MS, Pune
Mrs. M. U. Kulkarni
Deputy Secretary, MSBTE, Mumbai
Mr. V. M. Kulkarni
Deputy Secretary, MSBTE, Pune
Mrs. K. Y. Kale
Asst. Secretary (T), MSBTE, Mumbai
Mrs. A. R. Kulkarni
Asst. Secretary (T), MSBTE, Pune

Patrons
Prof. Dhanarath Sagare
Founder President, YSPM, Satara
Prof. Ajinkya Sagare
Vice-President, YSPM, Satara

Convener
Prof. Pravin P. Gavade
Principal, Faculty of Polytechnic

Co-Convener
Prof. Pratik S. Matkar
HOD, Civil Department, Contact No. 8208302083

Coordinator
Prof. Rutuja D. Jadhav
Lecturer, Contact No. 8208302083

Resource Persons
Dr. M. B. Kumbthekar
Associate Professor, DVCOS, Karad
Dr. A. M. Zende
Associate Professor, Yashoda Technical Campus, Satara
Dr. K. H. Ghorpade
Assistant Professor, Trinity Academy of Engineering, Pune

3 Days Faculty Development Program (Online)
on
"Real Estate and Property Governance"
03/03/2025 to 05/03/2025

MSBTE

Organized by
YSPM'S
Yashoda Technical Campus
Faculty of Polytechnic, Satara
Department of Civil Engineering
(NBA Accredited) MSBTE Code-1664



Satara: The Civil Engineering Department organized an online Faculty Development Program (FDP) on **"Real Estate and Property Governance"** from March 3, 2025, to March 5, 2025.

Expert speakers for the workshop included Dr. Abhijit Zende, Mr. Kiran Ghorpade, and Dr. Madhav Kumthekar, who provided in-depth guidance on significant topics such as the RERA Act, Property Act, Real Estate Act, Contract Act, and Online Tendering. The program received an overwhelming response from **more than 50 faculty members and industry experts from Maharashtra and beyond.**

The event was coordinated by Prof. Rutuja Jadhav, under the guidance of Prof. Pratik Matkar, Head of the Civil Engineering Diploma Department. The Principal of the Polytechnic Department, Prof. Pravin Gavade, also provided valuable guidance and support for the program.

This initiative by Yashoda Technical Campus helped educators and industry professionals gain technical knowledge and updated insights in the field of Real Estate and Property Governance.

About Yashoda Polytechnic

Yashoda Institutes, established in 2011, is a premier technical education hub affiliated with the Maharashtra State Board of Technical Education (MSBTE), holding a "Very Good" grade for its academic excellence. The institute offers its diploma courses in Civil Engineering, Mechanical Engineering, Electrical Engineering, Artificial Intelligence, Information Technology, and Computer Engineering. Among these, the Civil, Mechanical, and Electrical Engineering programs have received NBA accreditation for three years, reflecting the institute's commitment to quality education and industry standards. With a vision to provide advanced technical education and foster innovation, the institute is equipped with state-of-the-art laboratories, experienced faculty, and a robust industry connect to enhance practical learning. It actively promotes research, skill development, and entrepreneurship through various training programs and collaborations. Yashoda Institutes strive to nurture competent professionals who can contribute effectively to the ever-evolving technological landscape.

About Department

The Civil Engineering program, the oldest engineering discipline, has been offered at this institute since the academic year 2013. The department boasts a highly qualified, experienced, and dedicated team of faculty committed to professional excellence. To prepare students for global competition, the department incorporates innovative techniques and provides exposure to the latest trends and practices in the construction industry through activities such as site visits, expert seminars, and technical projects. In 2024, the Civil Engineering Department achieved accreditation from the National Board of Accreditation (NBA), New Delhi, and received a "Very Good" grade from MSBTE.

About FDP

FDP on "Real Estate and Property Governance" is being conducted at YSPM's YTC Satara for faculties. It provides overview of Latest trends, regulations, and best practices in real estate and property governance, improving their teaching content, focused partnerships with real estate developers, law firms, urban planners, and government agencies can lead to internships, guest lectures and real world project collaborations.

Course Contents

- RERA Act 2016
- Mortgage Act 1982
- MOFA Act 1963
- Valuation
- Online Tendering

Objectives Of FDP

1. Understand the Real Estate (Regulation and Development) Act (RERA)
2. Explore the Legal Aspects of Mortgages
3. Comprehend the Maharashtra Ownership Flats Act (MOFA) 1963
4. Master Real Estate Valuation Techniques
5. Understand Online Tendering in Real Estate Projects
6. Encourage Research in Real Estate Law and Governance

Who Can Attend

The faculty members from AICTE approved Government/Government Aided /Unaided Engineering, Polytechnic, All Contractors, Civil Engineers, Research Scholars.

Important Dates

Last Date of Registration: 02/03/2025 up to 5:00 pm
Commencement of Program: 03/03/2025, at 5:30pm

Registration Link

<https://docs.google.com/forms/d/1tKpJd5uWtH770/SNcUqJ5mnpqN3ZC4kdyGZAKaR0R-s5W0dW/si/eform?usp=sharing>

Mode of Program

Online mode
Venue-YTC, Campus Satara

Organizing Committee

Prof. S.S. Chavan, Lecturer
Prof. P.K. Jadhav, Lecturer
Prof. P.A. Dhmal, Lecturer

YSPM'S YASHODA TECHNICAL CAMPUS

FACULTY OF POLYTECHNIC
DEPARTMENT OF CIVIL ENGINEERING
(NBA ACCREDITED)
organized

3 DAYS ONLINE
FACULTY DEVELOPMENT PROGRAM
3rd March - 5th March 2025

MSBTE

TODAY'S SPEAKER-
Dr. Abhijeet M. Zende
PROFESSOR
GOVERNMENT ENGINEERING COLLEGE, KARAD

DAY 1-03/03/2025

REAL ESTATE & PROPERTY GOVERNANCE

Vision of the Department
To make a remarkable technocrats in civil engineering of the nation, with the dynamic knowledge, skill and employability.

Mission of the Department
M1-To prepare students for entrepreneurship
M2-To prepare students for universal Human Values, team work and good communication skill
M3-To create awareness among the students about new inventions in civil engineering field for research and developments.
M4-Provide Sustainable environment for learning, co curricular and extra curricular activities for overall personality development

YSPM'S YASHODA TECHNICAL CAMPUS

FACULTY OF POLYTECHNIC
DEPARTMENT OF CIVIL ENGINEERING
(NBA ACCREDITED)
organized

3 DAYS ONLINE
FACULTY DEVELOPMENT PROGRAM
3rd March - 5th March 2025

MSBTE

DAY 2-04/03/2025
TODAY'S SPEAKER-
Mr. Kiran H. Ghorpade
Assistant Professor
Trinity Academy of Engineering, Pune

TODAYS TOPIC-E-TENDERING

REAL ESTATE & PROPERTY GOVERNANCE

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organized

3 DAYS ONLINE
FACULTY DEVELOPMENT PROGRAM
3rd March - 5th March 2025

MSBTE

TODAY'S SPEAKER-
Dr. Madhav B. Kumthekar
PROFESSOR
GOVERNMENT ENGINEERING COLLEGE, KARAD

DAY 3-05/03/2025

REAL ESTATE & PROPERTY GOVERNANCE

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07/03/2025

PSC Bridge Site Visit Offers Hands-On Learning for Civil Engineering Students"



Mardhe, Satara– Fifteen second-year Civil Diploma students from Yashoda Polytechnic College embarked on a practical learning journey with a site visit to the PSC Bridge on the Krishna River at Mardhe Village (Near Anewadi Toll Plaza, Satara).

Under the guidance of Project Manager Er. Prafull Patil and coordinated by Prof. P. S. Matkar, the students observed live construction activities, gaining firsthand insights into the techniques and technologies involved in building a Prestressed Concrete (PSC) bridge. The visit offered them a unique opportunity to see the foundation work, prestressing process, and quality control measures in action, linking theoretical knowledge with real-world engineering practices.

The hands-on experience allowed the students to engage directly with construction experts, ask pertinent questions, and understand the challenges and innovations in modern bridge construction. This initiative is part of the college's ongoing efforts to enrich its academic curriculum with experiential learning opportunities, preparing students for future professional challenges in the field of civil engineering.

The event was highly appreciated by both students and faculty, highlighting the importance of integrating practical exposure into technical education.

MARCH 2025

29/03/2025

Final Year Civil Diploma Students Represent Yashoda Technical Campus in Techxellence 2K25



We're proud to share that final-year Civil Engineering Diploma students — Mr. Mihir Sankpal, Ms. Varsha Mozar, and Mr. Omkar Joshi — represented Yashoda Technical Campus, Satara at the **national-level event Techxellence 2K25**. They participated in the Sustainable Construction Challenge (SCC) – Conference Paper Event, presenting their innovative research on “Experimental Investigation of Addition of Steel Fibers in Self Compacting Concrete.” Their work, focused on improving concrete durability and strength, was also published in IRJMETs under the guidance of Prof. P. S. Matkar. This achievement reflects the department’s strong focus on research and technical excellence.

APRIL 2025 08/04/2025

Final Year Civil Diploma Students Publish Research Paper in Reputed International Journal



Our final year Civil Engineering Diploma students — Mr. Mihir Sankpal, Ms. Varsha Mozar, and Mr. Omkar Joshi — have successfully published their research in the **International Research Journal of Modernization in Engineering Technology and Science (IRJMETs)**, a reputed peer-reviewed journal with an impact factor of 8.187. Their paper, “Experimental Investigation of Addition of Steel Fibers in Self Compacting Concrete,” explores how varying steel fiber content (1%, 2%, 3%) improves the workability, compressive, and flexural strength of SCC.

This research was carried out under the expert guidance of Prof. P. S. Matkar, HOD, and reflects our department’s dedication to academic excellence and innovation.

APRIL 2025

17/04/2025

Final Year Civil Diploma Students Publish Research Paper in Reputed International Journal



We are proud to announce that final-year Civil Engineering Diploma students Ms. Bhagyashri Gosavi, Mr. Mahesh Dhane, Mr. Rutesh Kolekar, and Mr. Ranjeet Ingale have successfully published a research paper in the **International Journal of Research and Analytical Reviews (IJRAR)** — a well-recognized peer-reviewed international journal.



The paper, titled "Utilization of Cow Dung as a Partial Replacement for Clay in Brick Manufacturing," investigates the use of cow dung as an eco-friendly and sustainable alternative to conventional clay in brick production. Their research focused on the development of sun-dried clay bricks enhanced with cow dung, evaluating the bricks' strength, durability, and suitability for low-cost housing applications. The study also emphasizes the role of locally available materials like sand, silt, lime, and water in improving workability and environmental performance.

This commendable research was carried out under the guidance of Prof. Smita S. Chavan and demonstrates the department's dedication to promoting sustainability, innovation, and academic excellence in civil engineering.

Congratulations to our aspiring engineers and their mentor for this meaningful contribution to sustainable construction practices!

22/04/2025

Certificate of Excellence for contribution as a reviewer for the book Geography, Earth Science and Environment



Prof. Pratik Matkar (HOD) has been honored with the **Certificate of Excellence in Peer-Reviewing** by **BP International** for his outstanding contribution to global research standards. He reviewed the manuscript titled **"Effective Land-Use Strategies for the Restoration of Maragoli Forest in Vihiga County, Kenya"** for the book **Geography, Earth Science and Environment: Research Highlights**. This recognition highlights his active role in promoting quality research and strengthening international academic collaborations.

23/04/2025

Final Year Civil Diploma Students Publish Research Paper in Reputed International Journal



Proud Achievement by Our Final Year Civil Engineering Diploma Students! We are delighted to announce that our final year Civil Engineering Diploma students — Mr. Vignesh Patole, Mr. Omkar Yewale, Mr. Aditya Pardeshi, and Mr. Shrikant Warkhade — have successfully published a research paper in the prestigious **International Research Journal of Modernization in Engineering Technology and Science (IRJMETS)**, a peer-reviewed international journal with an impressive impact factor of 8.187. The paper, titled "Use of Titanium Dioxide to Reduce Air Pollution in Concrete Members," highlights innovative approaches to environmental sustainability within the construction industry.

This remarkable achievement was made possible under the expert guidance of Prof. Mrs. Pallavi Jadhav, Lecturer, Civil Engineering Department, Yashoda Technical Campus, Satara. The publication reflects the department's strong commitment to fostering research, innovation, and academic excellence among its students. Heartiest congratulations to our budding engineers and their dedicated mentor for this outstanding academic milestone!

Second Year Students



Ranjeet Khade
73.77%



Neel Nikam
71.53%



Komal Mane
70.71%

Final Year Students



Bhagyashree Gosavi
85.40%



Mihir Sankpal
81%



Omkar Joshi
78.80%

MEDIA CORNER

ऐक्य

यशोदा कॅम्पसमध्ये रियल इस्टेट आणि प्रॉपर्टी गव्हर्नर्स या विषयावर फॅकल्टी डेव्हलपमेंट प्रोग्राम

▲ सातारा, दि. २४ : यशोदा टेक्निकल कॅम्पस, सातारा येथील फॅकल्टी ऑफ पॉलिटेक्निकच्या सिव्हिल इंजिनिअरिंग विभागामार्फत रियल इस्टेट आणि प्रॉपर्टी गव्हर्नर्स या विषयावर ऑनलाइन फॅकल्टी डेव्हलपमेंट प्रोग्रामचे आयोजन करण्यात आले होते.

या कार्यशाळेत तज्ञ मार्गदर्शक म्हणून डॉ. अर्पित खेडे, विभाग गायकवाड आणि डॉ. माधव कुमरेकर यांनी सहभाग घेतला. त्यांनी रेरा अॅक्ट, प्रॉपर्टी अॅक्ट, रियल इस्टेट अॅक्ट, कॉन्स्ट्रिक्ट अॅक्ट, ऑनलाइन टेंडरिंग यासारख्या महत्वाच्या विषयांवर सखोल मार्गदर्शन केले. या कार्यक्रमात महाराष्ट्रामध्ये ५० हून अधिक फॅकल्टी मेम्बर्स आणि इंटरनेटवरील तज्ञांनी उत्कृष्ट प्रतिसाद दिला. कार्यक्रमाचे संयोजन प्रा. ऋतुबा जाधव गॅंगार यांनी केले.

सिव्हिल इंजिनिअरिंग डिप्लोमा विभागप्रमुख प्रा. प्रतीक मतकर यांच्या मार्गदर्शनाखाली हा उपक्रम राबवण्यात आला. या कार्यक्रमात आमच्या अभ्यास पद्धतीत आधुनिक बदल घडणार आहे असे प्रा. गवडे यांनी सांगितले असून या उपक्रमातून आता, जे को अभ्यास पद्धती सुधारणे, तांत्रिक कोशाल्याबुद्धी असा असून प्रा. गवडे यांनी यात प्रतिसाद दिला. या उपक्रमामुळे शैक्षणिक गुणवत्तेवर चांगला परिणाम होणार असून, भविष्यातील अशाच प्रकारच्या उपक्रमांचे आयोजन करण्यात यावे असे प्रा. गवडे यांनी आवाहन केले. पदविका विभागाचे प्राचार्य प्रा. प्रवीण गावडे यांनी या कार्यक्रमास मोलाचे मार्गदर्शन व सहकार्य केले. संस्थेचे संस्थापक प्रा. दशरथ सगरे, उपाध्यक्ष प्रा. अजित सगरे, पॉलिटेक्निकचे प्राचार्य प्रा. प्रवीण गावडे, अॅकॅडॅमिक कोऑर्डिनेटर प्रा. रणजित खांडेकर, प्रा. प्रतीक मतकर, विभागप्रमुख सिव्हिल इंजिनिअरिंग, पॉलिटेक्निकचे सर्व विभागप्रमुख, शिक्षक आणि शिक्षकेतर कर्मचारी यांनी कार्यक्रमाचे कौतुक केले. यशोदा टेक्निकल कॅम्पसच्या या उपक्रमामुळे रियल इस्टेट आणि प्रॉपर्टी गव्हर्नर्स क्षेत्रातील तांत्रिक ज्ञान व अध्यापन माहिती शिक्षणतज्ज्ञ आणि इंटरनेटवरील व्यक्तींना मिळाली.

पुढारी



सातारा : गुणवत्ते विद्याध्यायीच्या संकायातले शिक्षक उपस्थित मान्यवर.

यशोदामध्ये बांधकाम क्षेत्रातील आधुनिक तंत्रज्ञानावर मार्गदर्शन

सातारा, पुढारी वृत्तपत्र
यशोदा टेक्निकल कॅम्पसमधील सिव्हिल इंजिनिअरिंग विभागाच्या विभागप्रमुखी आयोजित 'बांधकाम क्षेत्रातील आधुनिक बांधकाम माहिती व तंत्रज्ञान' या विषयावरील कार्यशाळा उद्घाटन पार पडली. या कार्यशाळेत मनीष कमार यांनी बांधकाम क्षेत्रातील आधुनिक साहित्याच्या वापराबाबत विद्यार्थ्यांना मार्गदर्शन केले.

यापुढे बांधकामात वापरण्यात येणारे नवीन साहित्य, त्याचा टिकाऊपणा, खर्च नियंत्रणाच्या उपयोगाचे नवीन व पर्यावरणसुरक्षित साहित्यचे महत्त्व यावर विशेष भर

देण्यात आला. त्यामुळे विद्यार्थ्यांना उद्योगातील नवयुग तंत्रज्ञान व साहित्याच्या उपयोगाचा कसा करावा, याची सवय मिळाली. तसेच खंडीर बुकिंग, ड्रॉइंग डिपॉझिट व फर्निचरवर प्रा. गवडे यांनी मार्गदर्शन करणारा अनेक. यावेळी कोणतेही संस्थापक अध्यक्ष प्रा. दशरथ सगरे, उपाध्यक्ष प्रा. अजित सगरे, संचालक डॉ. विवेककुमार देवदास, प्राचार्य डॉ. विक्रम पाटील, प्राचार्य प्रा. प्रवीण गावडे, सिव्हिल इंजिनिअरिंगचे विभागप्रमुख प्रा. प्रतीक मतकर उपस्थित होते. यावेळी गुणवत्ते विद्याध्यायीच्या संकाय कक्षात आला.

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यशोदा टेक्निकल कॅम्पसमध्ये सिव्हिल अभियांत्रिकीतील प्रावीण्य विषयावर विकास संवादाचे आयोजन

सातारा/प्रतिविधी:

यशोदा टेक्निकल कॅम्पस सिव्हिल पॉलिटेक्निक विभागाच्या वतीने यशोदा तांत्रिक कॅम्पस, सातारा येथे अंतिम वर्षाच्या सिव्हिल अभियांत्रिकी विद्यार्थ्यांसाठी सिव्हिल अभियांत्रिकीतील प्रावीण्य: टेंडरिंगपासून प्रत्यक्ष प्रकल्पांपर्यंत या विषयावर विकास संवादाचे आयोजन करण्यात आले होते.

या कार्यक्रमात प्रमुख वक्ते म्हणून सुनील संकाळ उपस्थित होते. ते आमकार डेव्हलपर्सचे मालक, बिल्डर्स असोसिएशन- वाईचे अध्यक्ष, क्रेडाईचे सदस्य, आणि शासकीय मूल्यांकनकर्ता आहेत. तसेच त्यांची एनएबीएल ची मान्यता मिळवणारी जिल्हातील एकमेव अशी बांधकाम साहित्य दर्जा तपासणीची लॅब आहे. श्री. संकाळ यांनी त्यांच्या बांधकाम क्षेत्रातील प्रदीर्घ अनुभवांद्वारे टेंडरिंग प्रक्रिया, वित्तीय व्यवस्थापन, आणि प्रत्यक्ष बांधकाम प्रकल्पांतील आव्हानांवर सखोल मार्गदर्शन केले. या दरम्यान त्यांनी टेंडर भरताना काय काळजी घ्यावी? त्यासाठी लागणारी कागदपत्रे कोणती? बांधकामाची गुणवत्ता



टिकवण्यासाठी काय करावे? ग्राहक-केंद्रित बांधकाम प्रकल्प कसे निर्माण करावेत? तसेच बांधकामाचे मूल्यांकन, या क्षेत्रातील वित्तीय आव्हाने व उपाय नवीन तंत्रज्ञान याबद्दल सखोल मार्गदर्शन केले. आजचा विद्यार्थी हा उद्यमशील बनावा यासाठी कॉलेज करत असलेल्या प्रयत्नांचे देखील त्यांनी कौतुक केले. कार्यक्रमाची सुरुवात झाली आणि विद्यार्थ्यांनी उत्स्फूर्तपणे प्रश्नोत्तरांमध्ये सहभाग घेतला. या संवादातून विद्यार्थ्यांना उद्योगातील नवीन प्रवाह, आधुनिक तंत्रज्ञान आणि भविष्यातील संधी यांबद्दल मौल्यवान माहिती

मिळाली. संस्थापक अध्यक्ष प्रा. दशरथ सगरे सर यांनी कार्यक्रमास शुभेच्छा दिल्या. प्राचार्य प्रा. प्रवीण गावडे यांनी उपस्थित राहून कार्यक्रमाचे कौतुक केले व भविष्यात देखील असे विद्यार्थी पूरक उपक्रम राबवावे असे प्रोत्साहन दिले. विभागप्रमुख प्रा. प्रतीक मतकर, प्रा. पद्मवी काशीद यांनी या कार्यक्रमाचे आयोजन केले. प्रा. स्मिता चव्हाण यांनी आभारदर्शन केले. यशोदा तांत्रिक कॅम्पसच्या गुणवत्तापूर्ण शिक्षण देण्याच्या व विद्यार्थ्यांना उद्योगाशी जोडून देण्याच्या प्रयत्नांची ही घटना एक ठळक पाऊल ठरली.