

DEC - MAY 2025



MARATHWADA MITRA MANDAL'S

INSTITUTE OF TECHNOLOGY, LOHGAON PUNE

NEWSLETTER NIRMITI

DEPARTMENT OF CIVIL ENGINEERING
A.Y. 2024-25





NEWSLETTER

NIRMITI

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NEWSLETTER

Written By : Dr. Atul Khatri

Message From HoD

Welcome to the Civil Engineering Department. Civil Engineering is one of the core branches of Engineering and involves planning, designing, structural work, construction and Management. The Civil Department has been one of the growing Departments in MMIT since 2019. It provides the platform to showcase all activities related to students, faculties and several other interactive programs.

The department has a well-established infrastructure having laboratories of Concrete Technology, Fluid Mechanics, Environmental Engineering, Geotechnical Engineering, Engineering Geology, Surveying, Strength of Material, Transportation and Civil CADD Laboratory with good quality equipment to enhance the quality of education and Research.

Departments have MoUs with industries to impart technical knowledge and skill to students in the field of Civil Engineering. The department also encourages the students for competitive exams like Maharashtra Engineering Services (MES), IES and in the private sector.

Dr. Atul Khatri
Head of the Civil Engineering
Department



Message from the Editor :

We are presenting you with our newsletter. We believe that the session was too informative and will help immensely in the development of student's field knowledge. It was a splendid presentation, which exposed students to the digital world of technologies in the field of construction. This Newsletter also allows our student and staff to spotlight their insights, ideas and innovations and to show how this can be applied in almost any organization. The success of this newsletter depends on your response. I would appreciate your feedback.



Vision, Mission, PSO & PEO

● Department Vision:

To be a leading Civil Engineering department, shaping techno-socially competent engineers for sustainable development and nation building

● Department Mission:

M1- Imparting quality education in Civil Engineering through effective teaching-learning processes and modern tools

M2 - Nurturing techno-social competence among students through skill development, sustainable practices, and community engagement

M3 – Inculcating professional ethics, leadership skills, and preparing graduates to work in diversified domains of the public and private sectors

● Programme Specific Outcome (PSO) :

PSO 1: Students will be able to apply civil engineering principles and analytical and problem-solving skills to solve civil infrastructural problems

PSO 2: Students will be able to apply industry-relevant knowledge and current engineering practices

● Programme Educational Objectives (PEO) :

1: Civil graduates will be engaged in problem solving using Engineering Principles to overcome the need of society.

2: Civil graduates will deal with wide variety of engineering tasks like designing, supervision, construction and maintenance activity.

3: Civil graduate pursue lifelong learning both in their choose profession and other activity.



GUEST LECTURES

Event By : Asst. Prof. Leena Deshmukh &
Asst. Prof. P.D. Shinde
Event Date : 08 Feb 2025



EXPERT LECTURE ON HYDROPOWER ENGINEERING & HYDRAULIC STRUCTURES

Event Title: Expert Lecture on Hydropower Engineering & Dams & Hydraulic Structures
Date: February 8, 2025
Venue: MMIT, Classroom B-104
Speaker: Mr. V. S. Ramarao Scientist-C, Central Water and Power Research Station (CWPRS), Pune
Organizer: Department of Civil Engineering, Marathwada Mitramandal's Institute of Technology (MMIT), Pune
Attendees: 28 students and 5 faculty members

Session Highlights:

- Hydropower Systems: Components, energy conversion, and efficiency optimization
- Design & Operation: Site selection and operational challenges
- Dams & Hydraulic Structures: Types, functions, design principles, and risk management
- Innovations: New materials, construction techniques, and monitoring technologies

Event By : Prof. V.D. Sawant
Event Date : 13 Feb 2025

SEMINAR ON CAREER MOTIVATION IN CIVIL ENGINEERING

Event Title: Career Motivation: Building a Future in Civil Engineering
Date: 13th February 2025
Time: 9:30 AM onwards
Venue: B104 Classroom, MMIT, Lohgaon, Pune
Participants: 56 students
Organizer: Department of Civil Engineering, MMIT
Speaker: Mr. Sameer Alone, Founder Director & CEO, Centre Head and Internal Quality Auditor, EAL, UK



EVENT HIGHLIGHTS:

Objective

The seminar aimed to guide students in career planning, skill development, and industry expectations, helping them explore opportunities in the field of civil engineering.

Key Highlights

- Overview of career opportunities in different civil engineering sectors
- Importance of skill development and certifications
- Insights into global job market trends
- Guidance on interview preparation
- Interactive Q&A session with students



FEBRUARY 2025

GUEST LECTURES

Event By : Asst. Prof. P.D. Shinde
Event Date : 27 Feb 2025



Pune, Maharashtra, India

EXPERT LECTURE ON HYDROPOWER ENGINEERING & HYDRAULIC STRUCTURES

Event: Women's Rights in India – Legal Awareness Session
Date: February 27, 2025
Mode: Offline
Time: 10:30 AM – 11:30 AM
Speaker: Adv. Mrs. Mitali Basu
Participants: 33



Pune, Maharashtra, India
Jw6r+rm9, Lohegaon, Pune, Maharashtra 411047,
India
Lat 18.611841° Long 73.941293°
27/02/2025 02:39 PM GMT +05:30

Objective:

- **Legal Awareness & Advocacy:** Educate women about their rights under Indian law, including protection against discrimination, domestic violence, workplace harassment, and dowry-related issues.
- **Economic Empowerment:** Encourage women's access to education, skill development, and employment for financial independence.
- **Gender Equality & Social Justice:** Promote equal opportunities in education, employment, and political participation.
- **Health & Safety:** Discuss maternal health, reproductive rights, and protection against gender-based violence.



GUEST LECTURES

Event By :Prof. K.A. Pingale (Subject In-charge) and Dr. D.B. Jasutkar (HOD-Civil)
from PVPIT Bavdhan.

Event Date : 04 APR 2025



EXPERT LECTURE ON "SLOPE AND DEFLECTION METHOD" FOR SE CIVIL ENGINEERING STUDENTS".

Event Title: "Slope and Deflection Method"

Date: April 4, 2025

Venue: Padmabhooshan Vasantdada Patil Institute of Technology (PVPIT)

Speaker: Dr. Atul Khatri Sir (HOD-Civil) of Marathwada Mitra Mandal's Institute of Technology in Pune.

Organizer: Padmabhooshan Vasantdada Patil Institute of Technology (PVPIT)

Attendees: Second Year Engineering (SE) Students

EVENT HIGHLIGHTS:

Session Highlights:

- The Slope and Deflection Method is a classical analytical approach used to evaluate structural displacements.
- It calculates slopes and deflections in beams and frames based on moment-curvature relationships.
- The method is particularly effective for analyzing statically indeterminate structures with fixed supports.
- Accurate results are achieved by applying boundary conditions and continuity equations systematically.



FEBRUARY 2025

INDUSTRIAL VISITS

Event By : Asst. Prof. P.D. Shinde

Event Date : 23 January 2025



Title: Industrial Visit to Panshet Dam and Varasgaon Dam, Pune

Date: 23rd January 2025

Venue: Panshet Dam and Varasgaon Dam, Pune

Organizer: Department of Civil Engineering, MMIT, Lohgaon

Coordinator: Asst. Prof. P. D. Shinde

Participants: 21 Students and 02 Faculty Members

Objective:

To provide practical exposure to dam engineering, hydraulic structures, spillways, and the functioning of water resource projects under the Dams and Hydraulics course.

Activities Conducted:

- Visit to Panshet (Tanajisagar) Dam and Varasgaon Dam.
- Study of dam components, reservoir system, and hydraulic structures.
- Observation of spillway arrangements and dam safety measures.
- Understanding the history, operation, and maintenance of dams.
- Interaction with engineers regarding dam design, failures, and stability considerations.

Key Learnings:

- Understanding of different types of dams and their functions.
- Knowledge of spillways, hydraulic structures, and water storage systems.
- Awareness of dam safety, stability analysis, and failure mechanisms.
- Practical exposure to water resource management and irrigation infrastructure.
- Enhanced understanding of concepts covered in the Dams and Hydraulics subject.

The visit provided valuable practical insights into dam engineering and water resource management, helping students connect theoretical concepts with real-world applications in civil engineering.



FEBRUARY 2025

INDUSTRIAL VISITS

Event By : Dr. A.A. Thakre

Event Date : 26 Feb 2025



FIELD VISIT TO GANGA NEWTOWN, PUNE

Event: Site Visit to a Building Under Construction

Date: February 26, 2025

Venue: Ganga Newtown, Dhanori, Pune

Organized by: Department of Civil Engineering, MMIT

Participants: 20 Civil Engineering students and 1 faculty member

Objective:

The visit aimed to provide hands-on exposure to reinforced concrete structures, focusing on structural components, bar bending schedules, and reinforcement arrangements.

Key Learnings:

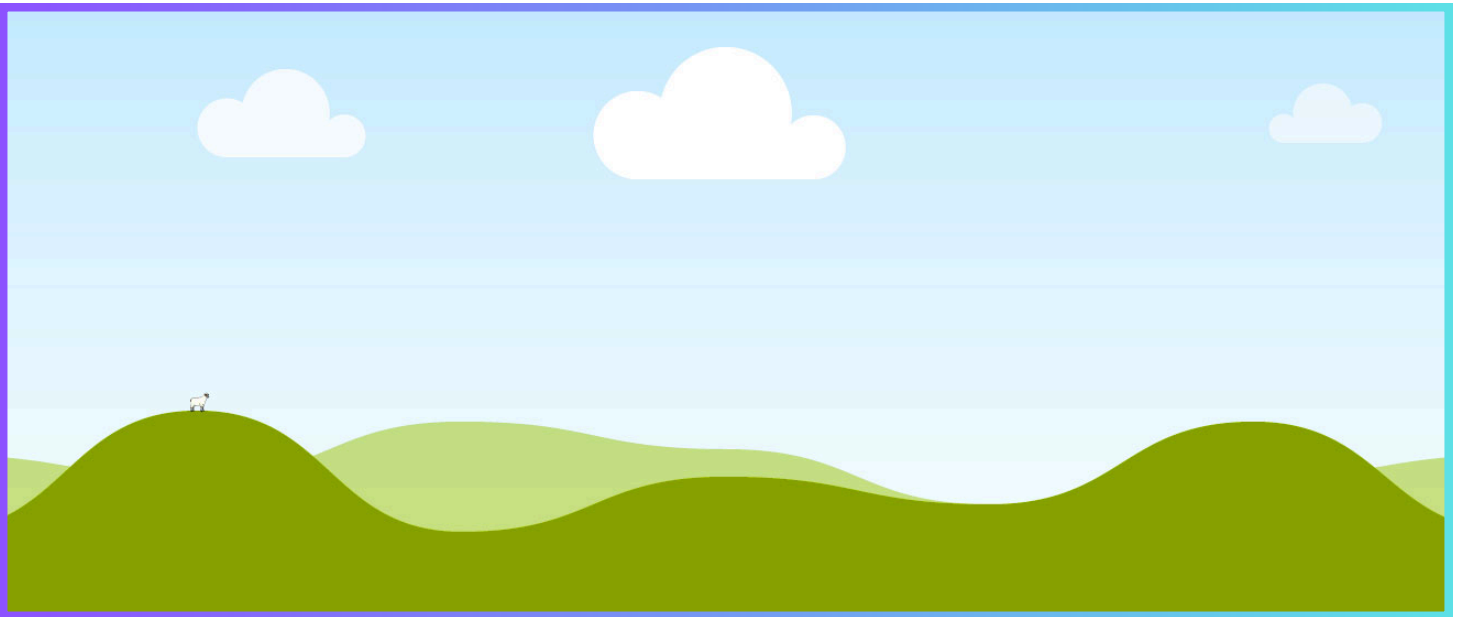
- Structural Components: Students studied beams, slabs, columns, and reinforcement bars.
- On-Site Arrangement: Practical mapping of structural plans discussed in classrooms.
- Bar Bending Schedule: Understanding reinforcement placement and its significance.
- Industry Exposure: Awareness of career opportunities in structural engineering.



INDUSTRIAL VISITS

Event By : Prof. M. P. Pawar

Event Date : 28 Feb 2025



INDUSTRY VISIT – EFFLUENT TREATMENT PLANT (ETP)

- Date: 21st March 2025
- Time: 10:00 AM
- Venue: Katraj Dairy, Pune
- Organized by: Department of Civil Engineering, MMIT
- Resource Person: Junior Engineer, Katraj Dairy
- Participants: 11 Civil Engineering Students, 2 Faculty Members
- Faculty Coordinators: Asst. Prof. P.D. Shinde, Dr. S.A. Kakade

Objective:

- To understand the working and design aspects of an Effluent Treatment Plant (ETP).
- To study Activated Sludge Process (ASP) and observe various components in real-time.
- To enhance student interest in environmental and wastewater engineering.

Key Learnings:

- Practical exposure to components like sludge drying beds, diffused aerators, and ASP system.
- Interaction with site engineers provided clarity on ETP operations, maintenance, and challenges.
- Gained insights into wastewater treatment from food processing sources.

INDUSTRIAL VISITS

Event By : Asst. Prof. G.C. Sherkar
Date : 07 March 2025



FIELD VISIT TO ALANDI, PUNE

Date: 7th March 2025
Time: 10:00 AM
Venue: Ring Road Package 1, Alandi, Pune
Organized by: Department of Civil Engineering, MMIT Lohgaon, Pune
Resource Person: Er. Ram Karan (Soiltech India Pvt. Ltd.)
Participants: 20 Civil Engineering Students, 2 Faculty Members
Faculty Coordinators: Asst. Prof. G.C. Sherkar & Asst. Prof. L.A. Deshmukh

Objective of the Visit:

- To understand the process of soil investigation and collection of soil/rock samples through drilling.
- To study the calculation of Rock Quality Designation (RQD) and core recovery.

Key Learnings:

- Identification of different components of the drilling machine and observation of sample collection techniques.
- Insights into real-time calculation methods for RQD and core recovery.

Event By : Dr. S.A. Kakade & Asst. Prof. V.D. Sawant
Event Date : 08 March 2025

SITE VISIT PRECAST INDIA PVT, LTD, PUNE

Date: March 08 2025
Location: Precast India Pvt, Ltd, Pune
Organizer: Department of Civil Engineering, MMIT, Lohgaon, Pune
Faculty Coordinator: Dr. S.A. Kakade & Prof. Vaibhav Sawant
Participants: BE Civil Engineering students



Objective of the Visit

Learn the fundamentals of precast concrete and its applications in construction. Observe the differences between precast and cast-in-situ methods. Understand the use of molds, reinforcement placement, concrete pouring, and curing processes. Observe the use of modern machinery and testing methods for quality assurance. Understand how precast elements are stored, transported, and handled to avoid damage. Learn about jointing techniques, grouting, and alignment procedures.

Key Learnings from Site Visit

- Students gain firsthand experience of precast concrete production and assembly, reinforcing theoretical concepts.
- Students are able to identify various precast elements (beams, slabs, columns, staircases, etc.) and understand their function and design considerations.



INDUSTRIAL VISITS



Exhibition, Seminar and Workshop-" Advanced Technology in Land Surveying

- Date: 10/04/2025
- Time: 11.00 AM to 3.00 PM
- Venue On : Pt. Bhimsen Joshi Kala Mandir, Aundh, Pune.
- Attended By: Department of Civil Engineering
- Coordinator: Asst. Prof. Madan P. Pawar

Objectives of the visit:

- To gain practical knowledge of Remote Sensing & GIS (RSGIS)
- To understand advanced survey instruments and software
- To bridge the academic-industry gap in land surveying

Key Learnings:

- Understood the latest trends in land surveying and how technology is evolving.
- Learned about Remote Sensing & GIS applications in real-world civil engineering.
- Got hands-on knowledge of advanced instruments like GNSS, 3D Total Station, and Digital Level.
- Understood how to use surveying software for practical field applications.
- Gained insights into Tunnel Engineering and Groundwater Surveys.
- Realized the importance of precision instruments in infrastructure projects.
- Learned how these tools connect with syllabus topics like Surveying (SE) and RSGIS (TE).
- Recognized the career opportunities and future scope of civil engineering in government and private sectors.

FEBRUARY 2025

INDUSTRIAL VISITS

Event By : Prof. M. P. Pawar
Event Date : 28 Feb 2025



FIELD VISIT TO SURVEY OF INDIA, PUNE

- Event Date: 28th February 2025
- Venue: Survey of India, Maharashtra & Goa Geo-Spatial Directorate, Pune
- Organized by: Department of Civil Engineering, MMIT
- Faculty Coordinators: Asst. Prof. Madan P. Pawar, Asst. Prof. Kishor N. Narawade, Asso. Prof. Akshay Thakare
- Participants: Third and Second Year Civil Engineering Students

Objective of the Visit:

- To bridge the gap between theoretical learning and practical application in Remote Sensing & GIS.
- To gain insights into geospatial mapping, surveying techniques, and remote sensing technologies.
- To understand the role of Survey of India in national mapping and spatial data generation.

Key Highlights:

- Exhibition on National Science Day showcasing advanced survey and remote sensing equipment.
- Demonstration of GNSS, GPS, Digital Image Processing, and Visual Interpretation techniques.
- Hands-on exposure to RSGIS software and geospatial applications used in industry.
- Interaction with experts from the Survey of India, gaining knowledge about topographical mapping, geospatial data processing, and sustainable development applications.



INDUSTRIAL VISITS

Event Name: Educational Visit to Ready Mix Concrete (RMC) Plant

- Date: 12 April 2025
- Venue: UltraTech/SCON RMC Plant, Pune
- Organiser: Department of Civil Engineering, MMIT, Pune
- Coordinator: Prof. V.D. Sawant
- Conducted For: Civil Engineering students (Second Year) of MMIT, Pune

Objectives of the Visit:

- To observe and understand the production process of Ready Mix Concrete (RMC)
- To connect theoretical knowledge of concrete technology with field application
- To learn about mix design, batching, mixing, and quality control in concrete
- To develop awareness of industrial practices and site safety



Key Learnings:

- Step-by-step understanding of RMC production using automated systems
- Observed material handling and proportioning (cement, aggregates, water, admixtures)
- Learned about slump test, cube test, and quality assurance techniques
- Gained insight into advantages of RMC: uniform quality, speed, and reduced site work
- Noted the importance of safety measures and industrial discipline in plant operations



INDUSTRIAL VISITS

Site Visit to Building Under Construction – MMIT Campus Development

- Date: 16th April 2025
- Venue: MMIT Campus Development Site, Sr. No. 35, Plot No. 5/6, Lohgaon, Pune – 411047
- Organiser: Department of Civil Engineering, MMIT Pune
- Coordinator: Dr. Akshay A. Thakare
- Participants: 08 students and 01 faculty member

Objectives of the Visit:

- To study reinforced concrete columns and footings
- To understand the structural layout plan of columns
- To analyze the bar bending schedule (BBS) of columns
- To observe on-site reinforcement techniques (joggle bars, lapping length, lateral ties)
- To relate construction practice with IS 13920:2016 for earthquake-resistant design



Key Learnings:

- Practical exposure to reinforcement detailing of structural elements
- Understood how to read and interpret structural layout plans
- Learned to study and apply bar bending schedules (BBS)
- Observed real-life reinforcement practices as per IS codes
- Realized the importance of IS 13920:2016 for seismic design
- Gained confidence in applying Design of Reinforced Concrete Structures (DRCS) concepts on-site
- Improved readiness for site supervision and structural analysis roles in future



FEBRUARY 2025

CLUBS

Event By : Prof. K.B. Narawade

Event Date : 08 Feb 2025



INAUGURATION OF COMPETITIVE EXAM & HIGHER EDUCATION CLUB

DETAILS:

- Event: Inauguration of the Competitive Exam & Higher Education (CEHE) Club
- Date: February 8, 2025
- Venue: B104, Civil Engineering Department, MMIT, Lohegaon

OBJECTIVE:

- The CEHE Club was launched to support students preparing for competitive exams like GATE, UPSC, MPSC, GRE, TOEFL, and higher education opportunities.

EVENT HIGHLIGHTS:

- Ribbon Cutting & Lamp Lighting: Marked the official opening of the club.
- Speech by Club Head: Explained the club's objectives, benefits, and support for students.
- Address by HoD: Encouraged students to utilize club resources for academic success.
- Guest Lecture by V. S. Ramrao: Covered exam strategies, time management, and career planning.
- Vote of Thanks: Expressed gratitude to dignitaries, faculty, and students.



FEBRUARY 2025

CLUBS

Event By : Dr. A.A. Thakare
Event Date : 20 March 2025



Pune, Maharashtra, India
JW6R+RM9, Lohegaon, Pune, Maharashtra 411047, India
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Long 73.941124°
20/03/25 11:54 AM GMT +05:30



India
n, Pune, Maharashtra 411047, India
MT +05:30

Title: Inauguration of Indian Plumbing Association (IPA) Student Chapter & Expert Lecture on "Basics of Plumbing"

- Date: 20th March 2025
- Venue: Classroom B104, MMIT, Lohgaon, Pune
- Organizer: Department of Civil Engineering in association with IPA Pune Chapter
- Coordinator: Dr. Akshay A. Thakare
- Resource Person: Er. Rahul Dhadphale
- Participants: 30 Students

Objective:

- To establish the IPA Student Chapter at MMIT and create awareness about plumbing engineering, industry practices, career opportunities, and advancements in the field.

Activities Conducted:

- Inauguration of the IPA Student Chapter at MMIT.
- Oath-taking ceremony of the student chapter office bearers.
- Introduction to IPA, its vision, and student chapter activities.
- Expert lecture on "Basics of Plumbing" by Er. Rahul Dhadphale.
- Discussion on plumbing services, terminology, and modern plumbing techniques.
- Interactive session on industry challenges and engineering solutions.

Key Learnings:

- Understanding of the objectives and functioning of the IPA Student Chapter.
- Awareness of career opportunities in plumbing engineering.
- Knowledge of plumbing systems, services, and industry practices.
- Exposure to advanced plumbing technologies and field applications.
- Enhanced interaction with industry experts and professional bodies.

The event successfully launched the IPA Student Chapter at MMIT and provided students with valuable insights into plumbing engineering, professional networking, and career development opportunities.



FEBRUARY 2025

RESEARCH PUBLICATION

Event By : Dr. A .A. Thakare

Event Date : 15 Feb 2025



TITLE: UPCYCLING FOOD WASTE AS A COST-EFFECTIVE NUTRIENT MEDIA IN BACTERIAL RUBBERIZED MORTAR FOR CARBON SEQUESTERING

- Published In: Waste and Biomass Valorization
- Authors: Sanchit Gupta, Shivam Rajpoot, Akshay Anil Thakare, Hem Chandra Jha, Sandeep Chaudhary

OBJECTIVE:

The study explores the potential of using food waste as a low-cost nutrient media in bacterial mortars to enhance strength, reduce carbon emissions, and promote sustainability.

KEY FINDINGS:

- Upcycled Food Waste: Two types of nutrient media (powder-based and pulp-based) were created using food waste.
- Enhanced Bacterial Growth: The powder-based media proved more effective in supporting *E. Coli* growth, used for bacterial mortar development.
- Improved Properties of Bacterial Mortar:
 - Compressive strength doubled (increase by 105.94%).
 - Carbon emissions per unit strength reduced (by 42.89–43.38%).
 - Cost per unit strength decreased (by 26.80%).
 - Self-healing ability observed due to bio-cementation.

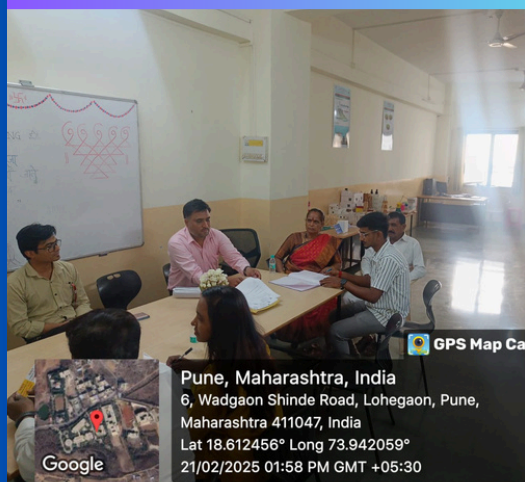
SUSTAINABILITY IMPACT:

- This method offers a novel way to manage food waste while reducing construction material costs and environmental impact.



PARENT MEETING

Event By : Asst. Prof. P.D. Shinde
Event Date : 15 Feb 2025



PARENT-TEACHER MEETING (PTM) – SEMESTER II

Event: Parent-Teacher Meeting (PTM)

Date: February 21, 2025

Venue: Civil Engineering Department, MMIT, Pune

Organized by: Department of Civil Engineering

Coordinator: Asst. Prof. P.D. Shinde

Objective:

The PTM aimed to strengthen communication between faculty and parents, providing updates on students' academic performance, college activities, and future plans.

Program Highlights:

Welcome & Address: Conducted by faculty members and HoD.

Personal Interaction: Parents met with class teachers and teacher guardians to discuss their ward's progress.

Feedback Collection: Parents shared their suggestions and appreciation.

Parent Feedback & Suggestions:

Praised MMIT for its efforts and student-focused initiatives.

Appreciated faculty cooperation and personal interaction.

Suggested increased industry involvement for students.

Requested placement updates to be shared with parents.

Supported the continuation of offline classes for better learning.



Day Celebration

Event By: Asst. Prof. Leena Deshmukh &
Asst. Prof. P. D. Shinde
Event Date: 22 April 2025



CELEBRATION OF WORLD EARTH DAY

OBJECTIVE:

- i] To raise awareness about the importance of environmental protection.
- ii] To encourage students to adopt sustainable and eco-friendly practices.

KEY HIGHLIGHTS:

- Poster and Essay Writing Competitions were conducted on the theme of nature and environment.
- Tree Plantation activity was carried out within the department premises.
- Students designed and displayed posters, charts, and messages promoting environmental awareness.
- Active and enthusiastic participation was observed among students.
- The event instilled a sense of responsibility towards nature and emphasized the importance of collective efforts to save the



Exhibition & Competition

Event By: Dr. Akshay Thakare & Mr. Madan Pawar
Event Date: 26 April 2025



BE & PBL PROJECT COMPETITION

OBJECTIVE:

- i] To showcase innovative projects developed by final year (BE) and second-year (SE) students under PBL (Project-Based Learning).
- ii] To enhance creativity, application of engineering knowledge, and presentation skills.

KEY HIGHLIGHTS:

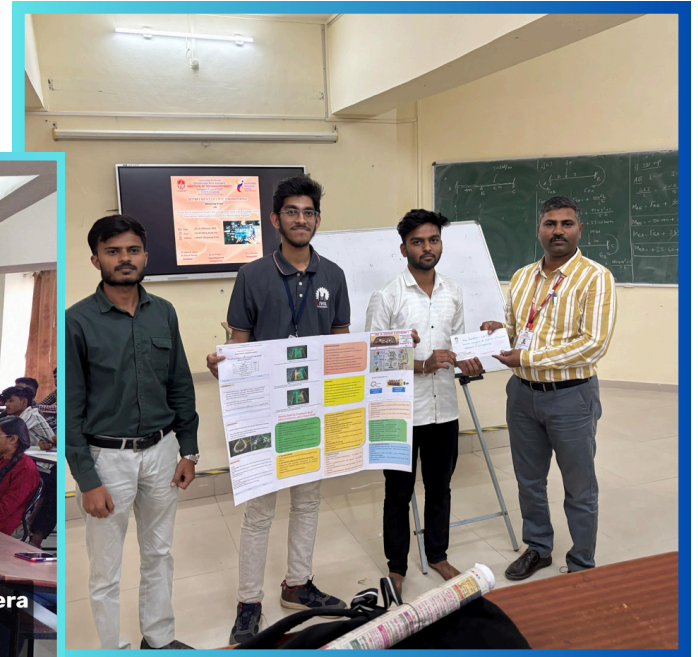
- Students presented models and technical posters based on real-time civil engineering problems.
- Judges evaluated projects based on innovation, technical accuracy, and presentation.
- Students gained exposure to practical challenges and teamwork through project execution.
- Winning projects were awarded certificates.
- The event encouraged a problem-solving mindset among budding engineers.





START UP INNOVATION CELL (IIC)

Event By : Asst. Prof. V.D. Sawant
& Asst. Prof. K.B. Narawade
Event Date : 10 Feb 2025



MENTORING EVENT: DEMO DAY & START-UP EXHIBITION

- Title: Mentoring Event: Demo Day/Exhibition/Poster Presentation of Start-Ups
- Dates: 24th, 25th & 27th February 2025
- Venue: B104 Classroom, MMIT, Pune
- Organizer: Department of Civil Engineering & Institution's Innovation Council (IIC), MMIT
- Participants: 29 students, 2 faculty members

OBJECTIVE:

The event aimed to provide students with a platform to develop, refine, and present start-up ideas while receiving mentorship from innovation ambassadors and industry experts. It focused on fostering entrepreneurial skills, business model development, and industry-academia collaboration.

KEY LEARNINGS:

Day 1 & Day 2 (24th & 25th February):

- Mentoring sessions by Innovation Ambassadors & industry experts.
- Discussions on business planning, ideation, and startup strategies.
- Interactive sessions where students refined their business models.

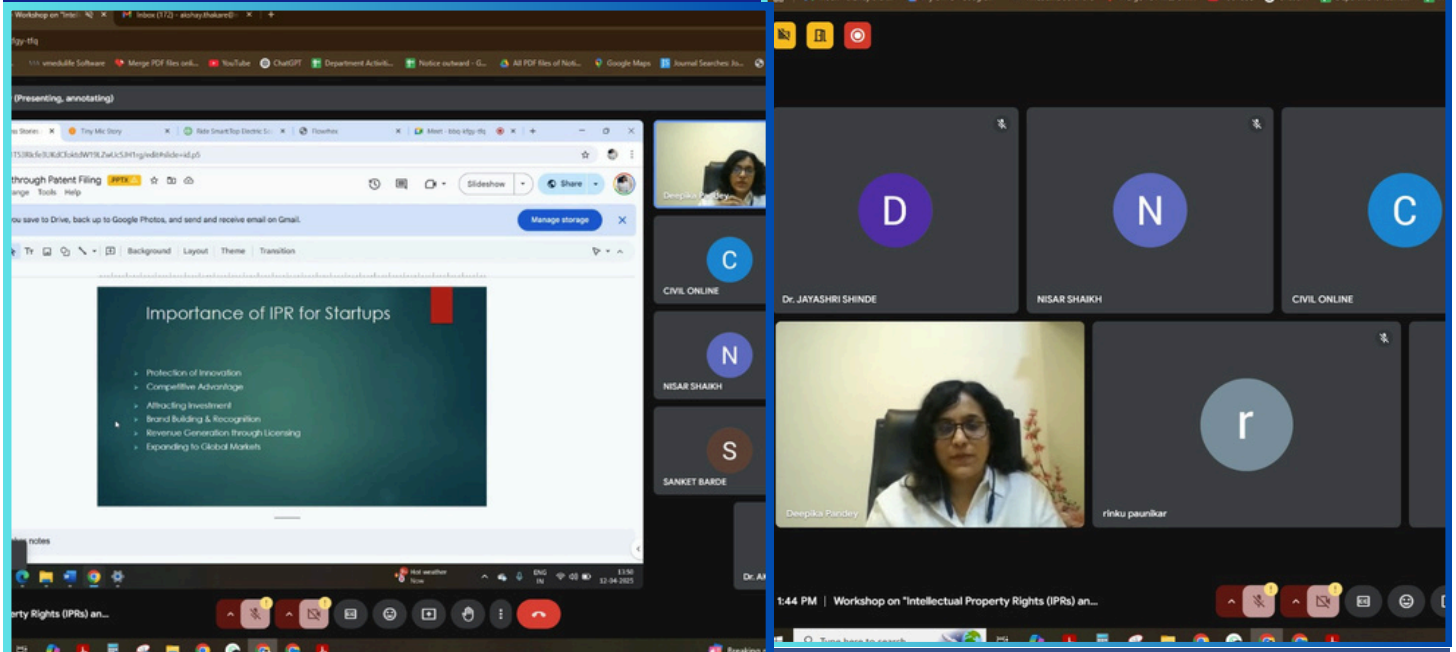
Day 3 (27th February):

- Start-Up Poster Presentation by students.
- Teams showcased their concepts, target markets, and value propositions.
- Expert panel evaluated presentations and provided feedback.



START UP INNOVATION CELL (IIC)

Event By : Dr. A.A.Thakare & Asst. Prof. G.C.Sherkar
Event Date : 12 April 2025



Title: Workshop on Intellectual Property Rights (IPR) and IP Management for Start-Ups

Date: 12th April 2025

Mode: Online

Organizer: Department of Civil Engineering & Institution's Innovation Council (IIC), MMIT, Lohgaon

Participants: 60 Participants

Objective:

To create awareness about Intellectual Property Rights (IPR), patent protection, IP management, and government support schemes for start-ups.

Activities Conducted:

- Expert session on Intellectual Property Rights and patent filing.
- Awareness session on the Start-up Intellectual Property Protection (SIPP) scheme.
- Discussion on IP management strategies for start-ups.
- Presentation of case studies and success stories of innovative start-ups.

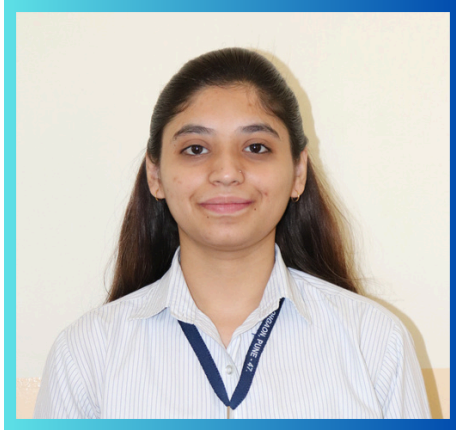
Key Learnings:

- Understanding of patents, copyrights, trademarks, and other forms of IP.
- Knowledge of government support for patent filing and innovation.
- Awareness of IP management practices for start-ups.
- Insights into protecting and commercializing innovative ideas.
- Enhanced understanding of the role of IPR in entrepreneurship and business growth.

The workshop provided valuable insights into intellectual property protection and encouraged students to pursue innovation and entrepreneurship while safeguarding their ideas and inventions.



ACHIEVEMENTS



Congratulations to Vaishnavi Kulkarni!

The Department of Civil Engineering, MMIT Lohgaon, proudly congratulates Ms. Vaishnavi Kulkarni on her exceptional achievement of being selected for two prestigious government posts:

- Junior Engineer, Zilla Parishad, Pune
- Planning Assistant, Town Planning Department, Government of Maharashtra

Your hard work, dedication, and excellence have brought pride to the department and serve as a true inspiration to fellow students. We wish you continued success in all your future endeavors!

– Department of Civil Engineering, MMIT Lohgaon



Dr. Akshay Thakare Attends Industry Conclave at IIT Indore

The Department of Civil Engineering, MMIT Lohgaon, is proud to share that Dr. Akshay Thakare participated in the prestigious Industry Conclave held at IIT Indore. His presence at the event reflects the department's commitment to academic excellence, industry collaboration, and continuous professional development. The insights gained from the conclave will contribute to strengthening the institute's industry-academia interface and benefit our students through enhanced learning and exposure.

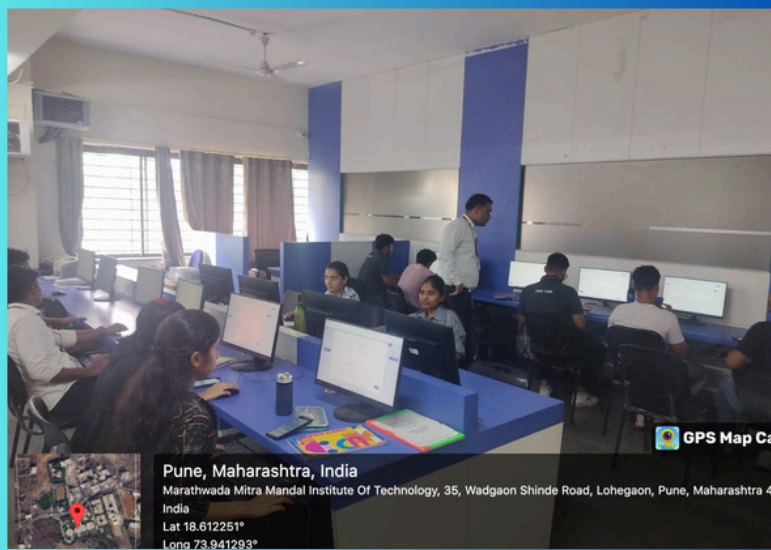
– Department of Civil Engineering, MMIT Lohgaon



FEBRUARY 2025

T&P ACTIVITY

Event By : Asst. Prof. V.D. Sawant
Event Date : 10 Feb 2025



RESUME PREPARATION SESSION

- Title: Resume Preparation Session
- Date: 10th February 2025
- Time: 3:00 PM
- Venue: AutoCAD Lab, MMIT, Pune
- Organizer: Department of Civil Engineering, MMIT
- Speaker: Mr. Vaibhav Sawant (TPC, Civil Engineering Department)
- Participants: 12 BE Civil Engineering students

OBJECTIVE:

- The session aimed to guide students in creating professional resumes for job applications, emphasizing formatting, content structuring, and highlighting key skills.

KEY LEARNINGS:

- Professional Resume Formatting: Importance of a clear, well-structured layout.
- Academic & Skill Highlighting: Showcasing achievements and technical expertise.
- Project & Industry Exposure: Effectively presenting internships and practical experience.
- Resume Customization: Tailoring resumes for different job profiles in civil engineering.
- Avoiding Common Mistakes: Tips on avoiding errors and improving clarity.



T&P ACTIVITY

Event By : Asst. Prof. V.D. Sawant
Event Date : 4 & 5th March 2025



Report on Training Session on "Estimation, Costing & Bar Bending Schedule"

Date: 4th & 5th March 2025

Time: 10:45 AM to 12:45 PM

Venue: B104 Classroom, MMIT, Pune

Organized by: Department of Civil Engineering, MMIT

Speaker: Mrs. Vaishali A. Kamble (Manager – Quantity Analysis Dept., Saideep Enterprises, Kharadi, Pune)

Participants: 23 Civil Engineering Students

Objective of the Session:

The objective of the session was to impart practical knowledge on estimation techniques, cost analysis, and bar bending schedule (BBS) preparation, helping students align their academic learning with real-world construction practices.

Key Learnings:

Estimation Techniques: Importance of accurate cost estimation in civil projects.

Bar Bending Schedule Preparation: Practical methods to optimize material usage through BBS.

Industry Trends: Insights into current industry practices and career prospects in estimation and costing.

Real-World Applications: Discussion of live project case studies and execution techniques.

Interactive Learning: Speaker shared personal experiences, enhancing student understanding through Q&A sessions.



T&P ACTIVITY

Event By : Asst. Prof. G.C.Sherkar

Event Date : 27 March 2025



Title: Motivational Expert Lecture – “Life is All Positive: Negativity Doesn't Exist”

Date: 27th March 2025

Venue: Seminar Hall, MMIT, Lohegaon, Pune

Organizer: Department of Civil Engineering & Training and Placement Cell, MMIT

Resource Person: Mr. Deek Parassini (International Speaker, Founder & Director, LIAP Foundation)

Coordinators: Asst. Prof. Gayatri Sherkar and Mr. Vaibhav D. Sawant

Participants: 103 Students

Objective:

To inspire students to develop a positive mindset, enhance self-confidence, improve emotional resilience, and overcome challenges through constructive thinking.

Activities Conducted:

- Expert lecture on positive thinking and personal growth.
- Interactive Q&A session with students.
- Discussion on overcoming stress, self-doubt, and negative perceptions.
- Sharing of real-life experiences and motivational insights.

Key Learnings:

- Importance of maintaining a positive attitude in personal and professional life.
- Techniques for managing stress and building emotional resilience.
- Understanding how perception influences thoughts and actions.
- Enhanced self-belief, confidence, and motivation for achieving goals.

The session was highly interactive and impactful, encouraging students to embrace positivity, transform challenges into opportunities, and focus on continuous personal and professional development.

Comes Under: Expert Lecture / Motivational Session / Soft Skills Development Activity / Training & Placement (T&P) Activity.



EXTENSION ACTIVITY

Event By : Asst. Prof. G.C. Sherkar
Event Date : 9 January 2025



Title: Food Donation Drive

- Date: 9th January 2025
- Venue: Maher Anath Ashram, Vadhu Budruk, Pune
- Organizer: Department of Civil Engineering in association with IGS Student Chapter, MMIT Pune
- Coordinator: Asst. Prof. Gayatri C. Sherkar
- Participants: Civil Engineering Students

Objective:

- To support underprivileged children, promote social responsibility among students, and create awareness about the importance of food conservation.

Activities Conducted:

- Collection of food items from donors.
- Distribution of food items to residents of Maher Anath Ashram.
- Interactive games and prize distribution for children.
- Awareness on food conservation and prevention of food wastage.

Key Learnings:

- Development of social responsibility and community engagement.
- Understanding the value of food and the importance of avoiding food wastage.
- Enhancement of communication, teamwork, and interpersonal skills.
- Increased empathy and sensitivity towards social issues.
- The Food Donation Drive provided students with an opportunity to contribute to society and support the residents of Maher Anath Ashram. The activity helped inculcate values of compassion, social responsibility, and community service among the participants.

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