



NAAC A+ Accredited  
**TULSIRAMJI GAIKWAD-PATIL**  
College of Engineering & Technology  
— AN AUTONOMOUS INSTITUTE —

DTE Code: 4151



**GAIKWAD-PATIL**  
GROUP OF INSTITUTIONS

**DEPARTMENT OF CIVIL ENGINEERING**  
(NBA Accredited)

**NEWSLETTER (2024-25)**

**SURVEKSHAK**



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## Management of Gaikwad-Patil Group (GPG)



**DR. MOHAN GAIKWAD-PATIL**

**Chairman, GPG**

**“Education is the passport to the future, for tomorrow belongs to those who prepare for it today.”**

Dr. Mohan Gaikwad-Patil, with more than 35 years of experience in the education system to his credit, established the Gaikwad-Patil Group of Institutions in Nagpur to cater to the quality education needs of the youth in Vidarbha. His early experience teaching in an engineering college made him acutely aware of the dissonance between engineering education in the country and the requirements of the industry. He therefore began with the dream of starting an engineering college that equips students with knowledge, skills, and attitudes relevant to the industry. That dream has manifested today in the form of an educational group well known in the region for its constant striving to impart quality and industry-relevant education to the students by teaching courses like B.Tech, M.Tech, Architecture, Polytechnic, MBA, MCA, Pharmacy, BAMS, Physiotherapy and Nursing. Hardly in his early forties, Dr. Mohan Gaikwad-Patil is the young and dynamic face of the group. His contagious enthusiasm and unflagging drive are truly inspiring.



**MR. AKASH GAIKWAD-PATIL**

**Vice-Chairman, GPG**

**“Education is not preparation for life, education is life itself.”**

In a world brimming with challenges, the need for brilliant engineers who can think critically, solve problems creatively, and adapt to a rapidly evolving technological landscape has never been greater. At TGPCET, we are committed to providing an education that goes beyond textbooks. Our curriculum is meticulously crafted to equip students with the technical expertise, soft skills, and design thinking abilities necessary to thrive in the ever-changing engineering landscape. We believe in nurturing well-rounded individuals with a strong foundation in ethics, social responsibility, and a passion for making a positive impact on the world. Our state-of-the-art facilities, coupled with a dedicated and experienced faculty, provide a stimulating learning environment that ignites curiosity and encourages exploration. We don't just produce engineers; we empower future leaders, innovators, and entrepreneurs who will shape the world of tomorrow. We are confident that our graduates will be at the forefront of technological advancements, tackling global challenges, and building a future brimming with possibilities.

## Management of Gaikwad-Patil Group (GPG)



**DR. ANJALI PATIL-GAIKWAD**

**President, GPGI**

**“Shaping Minds, Building Futures: Welcome to the Engineering Innovation Hub.”**

“Welcome to TGPCET, a premier institution dedicated to nurturing exceptional engineers who can shape the world of tomorrow. Here, we believe in cultivating a stimulating learning environment that fosters creativity, critical thinking, and a passion for innovation. Our vision is to provide a holistic learning experience that equips you with the technical expertise, leadership skills, and innovative thinking needed to thrive in a dynamic industry. With a rich legacy of academic excellence, we offer a diverse range of engineering and management programs designed to equip you with the knowledge, skills, and experiences needed to thrive in the ever-evolving engineering landscape. Our dedicated faculty, state-of-the-art facilities, and strong industry partnerships ensure you receive a well-rounded education that prepares you for success in your chosen field. We invite you to join our vibrant community and embark on a journey of excellence.”



**DR. SANDEEP GAIKWAD**

**Treasurer, GPGI**

**“Creating a Brighter Tomorrow, One Investment at a Time: Your Pathway to Engineering Excellence .”**

The essence of life is to live a life for others and die for a noble cause. We express our gratitude for receiving an opportunity to serve the nation. We have a crystal-clear vision of enlightening the student brain with a sound and technology-rich academic curriculum. We pledge to ensure that the students will not only progress in their respective fields but will also become responsible citizens by abiding by the rules and will live disciplined life. Our college has state-of-the-art facilities for teaching, research and development. The students who have passed out of our college have already proved their mettle in various fields. I personally appeal to all the students to make use of the facilities here and improve their skills to have a glorious career ahead.

## From the Desk of Principal and Vice-Principal



DR. PREMANAND NAKTODE

Principal

**“Nurturing Innovation, Empowering Leaders - Engineering Education Redefined.”**

It is my privilege to warmly welcome you to the college, which is an autonomous institution, committing to quality education. We work on the principle of “Learn to Grow” With this very inspiring thought, Vidarbha Bahu Uddeshiya Shikshan Sanstha Nagpur has laid a foundation to provide education in the field of engineering to the students to enable them to become good practicing engineers, capable managers and above all a good human being to build a stronger, vibrant and skilled India. We dream that TGPCET should play a definite role in shaping the careers of tomorrow's leaders and developing individuals to have an impact on global development. Looking at our track records, TGPCET has achieved many feathers in terms of consistently good results, placements, and extracurricular activities too. We are continuously in the process of imparting quality education to our budding engineers. This journey is succeeding more gloriously year after year making our Engineers rule the world. Success depends on opportunity. Try to get the maximum from the available resources. I wish best of luck in all your endeavors.



DR. PRAGATI PATIL

Vice Principal

Welcome to Tulsiramji Gaikwad Patil College of Engineering and Technology (TGPCET) in Nagpur, Maharashtra, a leading educational institution. Inspired by the words of **Shri. APJ Abdul Kalam**, "**Dreams are not those which we see while sleeping, but dreams are those which do not let us sleep**," TGPCET strives for ambitious goals through knowledge acquisition, hard work, and perseverance. Our institution has quickly emerged as one of Maharashtra's premier technical education institutions. We emphasize academic excellence and technical skill development to meet industry demands while instilling values of integrity, morality, and sustainability.

At TGPCET, we leverage cutting-edge technology to foster an innovative learning environment, encouraging students to think critically and explore new ideas. Our students engage in national and international competitions to tackle real-world challenges, supported by faculty who stay updated with the latest technologies. Professional organizations like IEEE, CSI, ISTE, SAE-India, and SESI enhance skills through robust platforms. Beyond academics, we promote holistic development through sports, cultural activities, and social initiatives, nurturing responsible citizens. Join TGPCET to excel, innovate, and lead in a supportive environment where growth and transformation are limitless.



## Editorial Body



**Dr. Aasif Baig**  
HoD (Civil)



**Prof. Mohitsingh Katoch**  
Editor-in-Chief  
(Faculty)



**Mr. Harish Bahekar**  
Lead Editor  
(Student)



**Ms. Juhi Ramteke**  
Co-Editor  
(Student)



**Mr. Sujal Mirche**  
Co-Editor  
(Student)



**Ms. Pranali Kothekar**  
Co-Editor  
(Student)

## Message from HoD



**Dr. Aasif Baig**  
**HoD (Civil)**

I am delighted to present the welcome message for our newsletter **"SURVEKSHAK"** which gives glimpses of the cumulative efforts of the Department of Civil Engineering (TGPCET) & highlights major key activities that have taken place during the academic year 2024-25 (Even semester), guided by the Honorable Management & Principal and supported by the administration.

**"Survekshak"** is a Hindi word that translates to "Surveyor" or "Explorer." This name perfectly encapsulates the spirit of exploration and investigation that drives civil engineering.

Our department has a team of qualified and experienced faculty and staff members and we are striving hard continuously to improve upon the quality of education and to maintain its position of leadership in engineering and technology. The core values of the department help the students to develop their overall personality and make them worthy technocrat to compete and work at global level. I am certain that our students will prove to be an invaluable asset to an organization.

## Message from Editorial Board



**Prof. Mohitsingh Katoch**  
**Editor-in-Chief (Faculty)**

**"Survekshak"** signifies a keen observer, someone who meticulously examines the built environment, analyzes challenges, and seeks innovative solutions. It reflects the department's commitment to pushing the boundaries of knowledge and contributing to the advancement of civil engineering.

As the Editor-in-Chief of **"Survekshak"** – a civil engineering department Bi-annual newsletter, please let me start by conveying my regard to all the team members who supported me for making this happen especially Juhi Ramteke, Sujal Mirche & Pranali Kothekar (Student Editors). I would like to thank Dr. Aasif Baig (HOD, Civil) for his continuous motivation, inputs and time to time feedback for the final draft of **"Survekshak"**.



**Mr. Harish Bahekar**  
**Lead Editor (Student)**

Our department has been conducting seminar / conferences since its beginning to keep the faculty and students abreast with the latest developments in the field of technical education. Let us work together to build a stronger and more vibrant Civil Engineering department that contributes significantly to the academic and professional landscape.

## About TGPCET

Tulsiramji Gaikwad-Patil College of Engineering and Technology (TGPCET) was established in the year 2007 by Vidarbha Bahu-uddeshiya Shikshan Sanstha (VBSS), a registered society. It is a self-financed Private Engineering College, which is affiliated to Rashtrasant Tukadoji Maharaj Nagpur University (RTMNU) Nagpur and is approved by All India Council for Technical Education, New Delhi. Also, college is approved by Directorate of Technical Education (DTE), Mumbai, Maharashtra State. The Institute is Accredited with A+ (3.32 CGPA) by NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL (NAAC). An Autonomous Institute affiliated to RTM Nagpur University, Nagpur.

B.Tech Mechanical Engineering and B.Tech Electrical Engineering programmes have been accredited by the NBA for 3 years (up to 30<sup>th</sup> June 2026) and recently B. TECH. Civil Engineering and B. Tech. Electronic and Communication Engineering programmes have been accredited by NBA for 3 years (up to 30<sup>th</sup> June 2028).

## About Department

Department of Civil Engineering was established in 2009 with a degree course in Civil Engineering with an intake of 60 students for graduate course & later on intake of 30 students for Post graduation in Structural Engineering and 60 students for Diploma in Civil Engineering.

Civil Engineering is considered as one of the oldest engineering disciplines. Civil Engineering involves planning, designing and executing structural works. The profession deals with a wide variety of engineering tasks including designing, supervision and constructional activities of public works like roads, bridges, tunnels, buildings, airports, dams, water works, sewage systems, ports etc. and offers a multitude of challenging career opportunities. The Department is dedicated to consultancy, educational research, and an exposure of students to the trends of development in the field of Planning, Designing & Execution to meet the needs of the construction industry, consultancies and research organizations in India and abroad. The department of Civil Engineering in TGPCET possesses a faculty team of experienced & well-qualified professors, well acquainted with deep subject knowledge, commitment to disseminate quality & value-based education in technical subjects. All faculties work hard on student to meet the requirement of market and groom the student to be job friendly.



## Institute Vision & Mission

**Vision -** To emerge as a learning Center of Excellence in the National Ethos in domains of Science, Technology and Management.

### **Mission -**

1. To strive for rearing standard and stature of the students by practicing high standards of professional ethics, transparency and accountability.
2. To provide facilities and services to meet the challenges of Industry and Society.
3. To facilitate socially responsive research, innovation and entrepreneurship.
4. To ascertain holistic development of the students and staff members by inculcating knowledge and profession as work practices

## Department Vision & Mission

**Vision -** To forge learning Center of Excellence in the field of Civil Engineering.

### **Mission -**

1. To promote academic and ethical development while upholding high standards.
2. To provide advance facilities with the skills needed to face Industry and societal challenges.
3. To promote socially responsible research, innovation, and entrepreneurship in the field of Civil Engineering.
4. To foster the holistic development of both students and faculty members by inculcating a blend of knowledge and professional work methods for overall progress.

## Department – Program Specific Outcomes (PSOs)

**PSO 1 -** Competency to manage large infrastructure projects while providing safe and cost-effective project execution, along with expertise of rapid construction and project management.

**PSO 2 -** Plan, execute, manage, maintain and rehabilitate civil engineering systems and processes.

**PSO 3 -** Apply innovative construction and management techniques to compete with modern structural design and construction within the budget and time frame.

## Department – Program Educational Objectives (PEOs)

**PEO 1** - Analyse and design civil engineering structures while keeping social awareness and ethical responsibilities in mind.

**PEO 2** - Demonstrate leadership abilities in supporting sustainable practices in Civil Engineering.

**PEO 3** - Exhibit a commitment to lifelong learning, staying updated on developing technologies and industry trends, and adjusting to the evolving world of Civil Engineering.

**PEO 4** - Executing Proficiency in creative problem-solving and innovation, demonstrating an entrepreneurial attitude within the context of Civil Engineering.

## Program Outcomes (POs) – Engineering

**PO 1** – Engineering Knowledge

**PO 2** – Problem Analysis

**PO 3** – Design/development of Solutions

**PO 4** – Conduct Investigations of Complex Problems

**PO 5** – Modern Tool Usage

**PO 6** – The Engineer and Society

**PO 7** – Environment and Sustainability

**PO 8** – Ethics

**PO 9** – Individual and Team Work

**PO 10** – Communication

**PO 11** – Project Management and Finance

**PO 12** – Lifelong Learning

## Index : Guest Lectures

Sr. No.	Topic & Speaker	Date	Participants	PO-PSO mapped	Page No.
1.	IWWA Monthly lecture: "Transforming Waste Management: The Role of Circular Economy in Building Sustainable Futures" by Dr. Debishree Khan, Scientist CSIR-NEERI, Nagpur	23.01.2025	12	PO-1,2,6,7,12	10
2.	"Awareness of Civil Engineering Softwares" by Mr. Hitesh Lahoti, Trainer, Civil Engineering Software Academy, Pune	29.01.2025	87	PO-1,2,3,4,5,8, 9,10,12	11
3.	"TEKLA on market demand" by Mr. Shubham Tembhare, TEKLA Detailer, Myspace Engineering Service Pvt. Ltd, Nagpur	17.02.2025	50	PO-1,2,3,4,5,8, 9,10,12	12
4.	IWWA Late P. R. Bhave Memorial lecture: "Localization of Sustainable Development Goals" by Dr. M. S. Kadu, Former Head, Dept. of Civil Engg., Ramdeo Baba University, Nagpur	28.02.2025	16	PO-1,2,6,7,12	13
5.	IWWA World Water Day-2025 celebration lecture: "Challenges in Water Management" by Dr. Aprup Adawadkar, Founder, Paryavaran Pratham, Industrial Safety, Disaster Management Trainer & Consultant	27.03.2025	7	PO-1,2,6,7,12	14

# IWWA Monthly Lecture

## "Transforming Waste Management: The Role of Circular Economy in Building Sustainable Futures"



Department of Civil Engineering under ARTEX Forum in association IWWA Student's chapter organized a visit of its 3<sup>rd</sup> & 4<sup>th</sup> year students to the Nagpur Local Centre of Indian Water Works Association (IWWA) located near Shankar nagar Metro Station, Nagpur on 23.01.2025 between 7:00pm to 9:00pm. The purpose of this visit was to attend lecture on **"Transforming Waste Management: The Role of Circular Economy in Building Sustainable Futures"** organized under IWWA Monthly Guest Lecture Series. The speaker for this lecture was **Dr. Debishree Khan**, Scientist, Solid and Hazardous Waste Management Division, CSIR-NEERI, Nagpur.

**Aim:** To enhance understanding of circular economy principles and their application in waste management.

### Objectives:

1. To introduce the concept of the circular economy and its significance in waste management.
2. To explore innovative approaches for solid and hazardous waste management.
3. To discuss the environmental and economic benefits of circular economy models.
4. To highlight case studies demonstrating successful waste-to-resource strategies.
5. To encourage professionals and students to adopt sustainable waste management practices.

Dr. Debishree Khan provided valuable insights into waste management by emphasizing the shift from linear to circular economic models. She discussed how effective waste segregation and resource recovery can significantly reduce environmental impact. The lecture covered strategies for minimizing waste generation, reusing materials, and converting waste into valuable products. She also presented case studies showcasing successful implementation of circular economy principles.

# Guest Lecture "Awareness of Civil Engineering Softwares"



Department of Civil Engineering under ARTEX Forum in collaboration with IEI, ICI & ISTE Students' Chapters, organised an Expert Lecture on "Awareness of Civil Engineering Softwares" for the students of 2<sup>nd</sup>, 3<sup>rd</sup> & 4<sup>th</sup> year. The expert speakers for this lecture were Mr. Hitesh B. Lahoti, Director, Civil Engineering Software Academy, Pune. The topic of delivery was "Awareness of Civil Engineering Softwares".

**Aim:** This lecture aims to provide an overview of widely-used software like AutoCAD, STAAD Pro, ETABS, highlighting their applications in structural analysis, project planning, and design.

## Objectives:

- 1) To Familiarize students with essential civil engineering software like AutoCAD, STAAD Pro, ETABS
- 2) To Highlight practical uses of these tools in design, analysis, and project management.
- 3) To provide insights into emerging technologies and advancements in civil engineering software.
- 4) To boost the interest of the students in the domain of structural design.
- 5) To attain the course outcome and program outcome of Structural software training.

Mr. Hitesh B. Lahoti explained the students about the Introduction to civil engineering softwares and their importance and facilitated an interactive question-and-answer session to address doubts and queries from students. Total 87 students took the benefit of this great exposure to the latest softwares' applications in construction industry



# Guest Lecture "TEKLA on market demand"



Department of Civil Engineering under ARTEX Forum in collaboration with IEI, ICI & ISTE Students' Chapters, organized an Expert Lecture on " TEKLA on Market Demand " for the students of 2<sup>nd</sup>, 3<sup>rd</sup> & 4<sup>th</sup> year. The expert speaker for this lecture was Mr. Shubham Tembhare, TEKLA Detailer, Myspace Engineering Service Pvt. Ltd, Nagpur. The topic of delivery was **"TEKLA on Market Demand"**.

**Aim:** This lecture aims to provide an overview of widely-used software like TEKLA, highlighting their applications in structural analysis, project planning, and design.

## Objectives:

- 1) To Familiarize students with essential civil engineering software TEKLA.
- 2) To Highlight practical uses of these tools in design, analysis, and project management.
- 3) To provide insights into emerging technologies and advancements in civil engineering software.
- 4) To boost the interest of the students in the domain of structural design.
- 5) To attain the course outcome and program outcome of Structural software training.

## Outcomes of Lecture:

- 1) The student were able understand the basic knowledge of TEKLA Software.
- 2) The student got motivated for making their career in Structural designing.
- 3) The students were informed about the latest trends and advancements in civil engineering software and their role in modern infrastructure development.
- 4) Attained CO4 and CO5 of course Structural software training and PO1, PO2, PO3, PO4, PO5, PO8 PO9, PO10 and PO12.

# IWWA Late Dr. P. R. Bhave Memorial Lecture "Localization of Sustainable Development Goals"



Department of Civil Engineering under ARTEX Forum in association IWWA Student's chapter organized a visit of its 2<sup>nd</sup>, 3<sup>rd</sup> & 4<sup>th</sup> year students to the Nagpur Local Centre of Indian Water Works Association (IWWA) located near Shankar nagar Metro Station, Nagpur on 28.02.2025 between 7:00pm to 9:00pm. The purpose of this visit was to attend 13<sup>th</sup> edition of annual Late Dr. P. R. Bhave Memorial Lecture on "**Localization of Sustainable Development Goals**" organized under IWWA Monthly Guest Lecture Series.

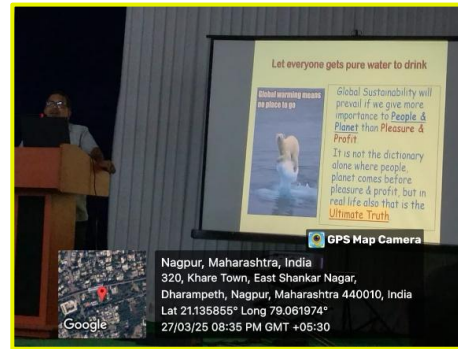
The speaker for this lecture was **Dr. M. S. Kadu**, Former Head, Dept. of Civil Engg., Ramdeo Baba University, Nagpur.

Dr. M. S. Kadu delivered a thought-provoking lecture on the localization of SDGs, focusing on how global sustainability efforts can be adapted to suit regional needs. He emphasized the role of civil engineering in achieving key SDGs, such as clean water and sanitation, sustainable cities, and responsible consumption. The lecture discussed frameworks for incorporating SDGs into local governance and infrastructure projects, highlighting challenges such as policy alignment and resource management. Through interactive discussions and case study analyses, attendees gained a deeper understanding of how strategic planning can enhance sustainable development at a community level.

## Outcomes of Lecture:

- 1) Increased awareness of the importance of SDG localization in civil engineering.
- 2) Strengthened understanding of methodologies for integrating sustainability into local policies.
- 3) Identification of key obstacles in implementing SDGs at local levels and approaches to overcome them.
- 4) Encouragement for professionals to contribute to sustainable urban planning initiatives.

# IWWA World Water Day celebration Lecture "Challenges in Water Management"



Department of Civil Engineering under ARTEX Forum in association IWWA Student's chapter organized a visit of its 2<sup>nd</sup>, 3<sup>rd</sup> & 4<sup>th</sup> year students to the Nagpur Local Centre of Indian Water Works Association (IWWA) located near Shankar nagar Metro Station, Nagpur on 27.03.2025 between 7:00pm to 9:00pm. The purpose of this visit was to attend World Water Day-2025 celebration Lecture on **"Challenges in Water Management"** organized under IWWA Monthly Guest Lecture Series.

The speaker for this lecture was **Dr. Aprup Adawadkar**, Founder, Paryavaran Pratham, Industrial Safety, Disaster Management Trainer & Consultant.

Dr. Aprup Adawadkar provided a comprehensive overview of water management issues, emphasizing the need for efficient resource allocation and conservation. He discussed scarcity of water, its consequences, industrial water consumption, pollution control measures, and the importance of community participation in water sustainability efforts. The lecture covered challenges such as groundwater depletion, urban water stress, and climate-induced variations in water availability. Dr. Adawadkar also introduced disaster preparedness strategies related to floods, droughts, and contamination, offering practical solutions for mitigating risks.

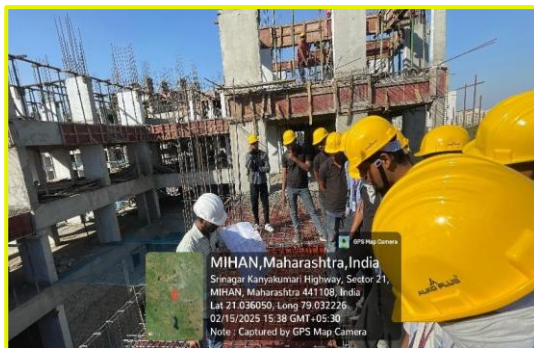
## Index : Industrial Visits

Sr. No.	Site / Location & Expert	Date	Participants	PO-PSO mapped	Page No.
1.	RCC Commercial Building Construction Site : Wardha road, opposite AIIMS Hospital, Nagpur  Mr. Kunal Akalwar, Om Shivam Buildcon, (P) Ltd. Nagpur	15.02.2025	55	PO-1,2,3,6,8, 10,11,12	16
2.	Special Women's Day Site Visit for Top-10 girl students - Bhandewadi Sewage Treatment Plant, Nagpur (200 MLD)  Ms. Sonali Wagade & Ms. Sarika D. Dhote (Deputy Manager)	10.03.2025	10	PO-1,2,3,5,6, 7,8,11,12	17
3.	Gosikhurd Dam, Wahi, Pauni (Bhandara)  Ms. Sarita Harne (AE-II), Mr. K. P. Kshirsagar (Junior Engineer) & Mr. Dhairyashil Patil (Junior Engineer), Gosikhurd project	19.03.2025	61	PO-1,2,3,6,7, 9,10,11,12  PSO-1,2,3	18



# Site Visit

## RCC Commercial Building Construction Site, Nagpur



Department of Civil Engineering under ARTEX Forum in association with Indian Concrete Institute (ICI) and Institution of Engineers (India) (IEI), have organized Site visit for 4<sup>th</sup> & 6<sup>th</sup> semester Civil Engineering students on dated 15<sup>th</sup> February 2025 at RCC building construction site, at Wardha road opposite AIIMS Hospital, Nagpur

**Aim:** To enhance the understanding of students about the Actual Construction process and design various structural components in multistorey building, like foundation, Column, Beam, Slab, Staircase and other RCC elements.

### Objectives:

- Introduction to RCC Elements and Understanding how Columns, Beams, Slabs and Staircase etc. are designed and cast and the process of formwork, reinforcement, and curing.
- Enabling students to connect classroom knowledge about structural design and RCC elements with actual construction practices, enhancing their technical understanding.
- Observing how different stages of a building's construction are executed in real-time
- Familiarizing with construction techniques, materials, and tools used on-site.

Students gained practical knowledge of formwork for different structural components like slabs, beams, and columns. Learned how to properly place and tie steel reinforcement bars (rebar) to form the skeleton of RCC elements and understanding the significance of clear cover and spacing. Observed the mixing, pouring, and curing of concrete, along with understanding the concrete mix design and its role in ensuring the strength of the structure.



## Special Women's Day Site Visit for Top-10 girl students "Bhandewadi Sewage Treatment Plant (200 MLD)"



Department of Civil Engineering under ARTEX Forum in association with Indian Water Works Association (IWWA), Indian Concrete Institute (ICI), Indian Society for Technical Education (ISTE) have organized a Special site visit on women's day for bright (Top-10) girls of Civil Engineering department on 10<sup>th</sup> March 2025 at Bhandewadi Sewage Treatment Plant Nagpur (200 MLD).

The visit provided students with practical learning opportunities and bridge the gap between theoretical knowledge and real-world implementation. Students observed the equipment and processes used in sewage treatment, gaining insights into techniques used. They also developed an understanding of the plant layout, infrastructure, and the interplay of components to ensure a continuous supply of treated water.

The visit highlighted the complex systems and technologies involved in ensuring safe water for river disposal. Students observed the advanced machinery and equipment which are essential for treatment sewage water. The visit also emphasized the importance of quality control and testing procedures to ensure compliance with regulatory standards.

The site visit to the Bhandewadi Sewage Treatment Plant was an enriching experience for all Civil Engineering students as they witnessed the practical implementation of various treatment processes and the efforts taken to provide safe water to river disposal. The visit enhanced students understanding of the importance of treatment and the engineering techniques involved in ensuring the supply of treated water to the river and koradi thermal power plant.

## Site Visit "Gosikhurd Dam, Wahi, Pauni (Bhandara)"



Department of Civil Engineering under ARTEX Forum in association with Indian Water Works Association (IWWA), Indian Concrete Institute (ICI), Indian Society for Technical Education (ISTE), Institution of Engineers (India) (IEI) have organized Site visit for 6<sup>th</sup> & 8<sup>th</sup> semester Civil Engineering students on 19<sup>th</sup> March 2025 at Gosikhurd Dam, Wahi (Pauni), Bhandara.

### Objectives:

- To study the centrifugal & reciprocating pumps used in water management at the dam.
- To analyze the role of dam in urban hydrology, including flood control and water supply.
- To examine river engineering principles applied in design, maintenance, and ecological impact of the dam.
- To Understand the impact of dams on river hydrology and urban water systems.
- To learn about purpose of infiltration gallery, radial gates, catchment area.
- To attain the Course outcome and program outcome of course River engineering, Urban hydrology and Advanced fluid mechanics.

Ms. Sarita Harne (AE-II), Mr. K. P. Kshirsagar (Junior Engineer) and Mr. Dhairyashil Patil (Junior Engineer), Gosikhurd project, Pauni, Bhandara were present during the visit to guide the students. They explained how 33 (Radial) spillway gates are being used to regulate water flow into the river for irrigation throughout the year. They also explained about the 2 Gantry Goliath Cranes for gate maintenance, Reservoir Operation Schedule (R.O.S), Gate Operation Schedule (G.O.S), Catchment area and other purposes for which the dam water is utilized viz. hydroelectricity generation from Gosikhurd Hydel scheme of Mahati Hydro power plant (24MW installed capacity), irrigated land area by left bank canal of length 23 kms. and right bank canal of 99 kms.



## Survey Camp (2-days' Hands-on-Training)



Department of Civil Engineering has organized two days Survey Camp for 2<sup>nd</sup> year/4<sup>th</sup> semester Autonomous (NEP) Civil Engineering students on dated 27<sup>th</sup> & 28<sup>th</sup> February 2025 at Dhuti Campus, Dongargaon, Nagpur.

**Aim:** To explore the theoretical knowledge in to practical fields by performing various practical on different survey instruments.

### Objectives:

- To observe the different activities and techniques carried out on Field.
- To understand the principles of different instruments.
- To understand the various difficulties occurs during performing survey on field.
- To overcome various obstacles, occur during survey.
- To understand and perform the profile levelling of Road.

The two-day civil engineering survey camp aimed to provide students with hands-on experience in conducting land surveys and enhance their practical understanding of surveying techniques. Throughout the camp, students engaged in various activities designed to develop their skills in data collection, analysis, and interpretation.

## 2-days' National Level Technical Event "Technovation 2K25"



**All Award Winners with the Team of Technovation-2k25**

Department of Civil Engineering in association with ARTEX Forum, Indian Water Works Association (IWWA) & Indian Concrete Institute (ICI) Nagpur Centre organized TECHNOVATION 2K25 "two days National Level Technical Event" on 07.03.2025 & 08.03.2025. Dr. Sanjeev Kumar Harinkhede, Technical Manager of Eshan Minerals pvt Ltd Nagpur Maharashtra. was the Chief Guest for this event.

**Day-01 (07.03.2025)** - Three technical events were organized, **(1) Project Display Competition** received 203 student's participation; 1<sup>st</sup> winner Ms. Soumya Borkar (Cummins college of Engineering for Women, Nagpur), 2<sup>nd</sup> winner Ms. Vedanti Dharne & Team (Jagadamba College of Engineering, Yavatmal), 3<sup>rd</sup> winner got tied up between Mr. Jatin Manne & Team (Agnihotri college of Engineering, Wardha) & Varshini K. R & Team (East Point College of Engineering, Karnataka). **(2) Bridge Making** competition received 64 participants; 1<sup>st</sup> winner Tanay Hatwar & Team (Govt. Polytechnic, Nagpur), 2<sup>nd</sup> winner Drushti Dorlikar & Team (Wainganga college of engineering, Nagpur), 3<sup>rd</sup> winner Sofiya Nagraire & Team (Suryodaya college of engineering, Nagpur), **(3) Structural Analysis** competition received 10 participants; 1<sup>st</sup> winner Sarla Bisen (GNIT, Nagpur), 2<sup>nd</sup> winner Chetan Meshram (Suroydaya college, Nagpur), 3<sup>rd</sup> winner Garima Baghel (G.H. Rasoni, Nagpur)

**Day-02 (08.03.2025)**- Three technical events were organized, **(1) Poster Display Competition** received 68 students participation 1<sup>st</sup> winner Ms. Sonali Kamble & Team (TGPCET, Nagpur), 2<sup>nd</sup> winner Mr. Gaurav Rode & Team (TGPCET, Nagpur), 3<sup>rd</sup> winner Ms. Payal Shelke & Team (Wainganga College of Engineering, Nagpur). **(2) Technical Quiz competition** received 28 participants; 1<sup>st</sup> winner Mr. Shubham Agashe & Team (TGPCET, Nagpur), 2<sup>nd</sup> winner Mr. Aditya Hathimare & Team (Govt. Polytechnic College, Gondia), 3<sup>rd</sup> winner Mr. Saurabh Nanhe & Team (Kamptee Polytechnic, Kamptee). **(3) E-SPORTS** received 312 participants. 1<sup>st</sup> winner Mr. Krishna and Team (GH Rasoni college of Engineering, Nagpur) and Mr. Aditya Ganveer & Team (Palloti College of Engineering, Nagpur), 2<sup>nd</sup> winner Mr. Piyush Zhade & Team (TGPCET, Nagpur), Mr. Tejas Taksande & Team (TGPCET Nagpur). Event ended with cultural program. Dance competition winner Ms. Tanisha Mitra & Team, Singing Competition Winner Mr. Tushar Kumar & Team, Best walk and style winner Mr. Ritik Meshram. Participation certificate were provided to all the participants.



# 2-days' National Level Technical Event "Technovation 2K25"



Project Competition



Bridge making Competition



Technical Quiz Competition



Poster Competition



Award Distribution by Principal Dr. P. L. Naktode



Dr. Sanjeev Harinkhede - Guest Felicitation



Award Distribution by HoD Dr. Asif Baig



Cultural Event



## Parents Teacher Conclave



The Parents Teacher Conclave for Civil Engineering students of 4<sup>th</sup>, 6<sup>th</sup> and 8<sup>th</sup> semester (Autonomous) was scheduled on 15-02-2025 (Saturday) between 11.00 am to 3.00 pm to discuss about Department activities, student progress and performance.

First phase of PTC began at central-level at JRD Tata hall with traditional lamp lighting ceremony. Following the lamp lighting, Dr. P. L. Naktode (Principal) delivered an inspiring opening remark & motivated the students. Gold medals and certificates were distributed to toppers of Winter-2024 End Semester exam (First rank holders) from all departments. Parent representative guests Shri. Ramdas Chafekar (ECE) and Ms. Priyanka Dhabarde (Civil) along with few other parents came forward and shared their views about college and it's Teaching Methodologies. Around 250 parents from various departments were present for the centralized Parents-Teacher Conclave. The program was anchored by Prof. Mohitsingh Katoch (Civil Engineering) and Vote of thanks was proposed by Prof. Rohini Pochhi (Coordinator, Mentor Mentee Scheme).

Second phase of PTC was conducted at Civil Engineering department's Seminar Hall (B-108) for the parents of Civil engineering department students. It began with the Opening remarks by HoD (CE), Dr. Aasif Baig. He informed the parents regarding recently received NBA accreditation of Civil Engineering department and thanked them for their constant support. He had one-to-one interaction with the parents and discussed their issues. 2<sup>nd</sup> & 3<sup>rd</sup> toppers of Winter-2024 End Semester Exam were felicitated with Silver & Bronze medals along with certificates. 9 students were felicitated for securing Elite certification in NPTEL exam and as per Institute Policy, their 50% exam fee were reimbursed through ARTEX forum into their bank accounts. 2 students were felicitated for securing 2<sup>nd</sup> rank in National level Ideathon. This was followed by CT-1 exam result display, Cumulative Attendance display and Parent-Mentor wise discussion Course coordinators also had discussion with parents. Total 31 parents visited during this PTC. This PTC was coordinated by faculty members of Civil Engineering department.

## NOSTALGIA-2K25 (Alumni Meet & Holi Milan)



“Nostalgia” Alumni association of Tulsirmaji Gaikwad-Patil College of Engineering & Technology organized “Alumni Meet & Holi Milan (Nostalgia-25)”. This meet is conducted to celebrate “Holi” festival with alumni, to facilitate, consolidate and coordinate Alumni Activities at Tulsirmaji Gaikwad-Patil College of Engineering & Technology.

**Aim:** to interact with alumni, to organize and coordinate alumni association activities and development of sustainability plan towards the improvement of institute.

The meet was graced by Hon’ble Vikas Vaidya, Principal Correspondent of The Hitavada, as the Chief Guest. His inspiring address motivated the alumni and highlighted the importance of staying connected with one’s alma mater.



## Farewell 2K25



Department of Civil Engineering of Tulsiramji Gaikwad Patil College of Engineering and Technology, Nagpur organized Farewell Party 2K25 on 15.05.2025. A farewell party marks a significant milestone in the journey of every student. This special occasion provides an opportunity to honor their achievements, relive memorable moments, and extend best wishes as they embark on new paths in life. It also allows junior students to express their gratitude and appreciation to their seniors, strengthening the bonds that connect different batches.

The function began with a warm welcome and cake-cutting ceremony. Opening remark was given by Dr. P. L. Naktode (Principal TGPCET) and further points were highlighted by Dr. Aasif Baig (Head of Department CE). who appreciated the outgoing students for their contributions and encouraged them to carry forward the values of the institution. The event featured a vibrant lineup of cultural performances including Dance, singing and gaming events for outgoing students performed by junior students. Outgoing students shared Emotional video and college memories. As part of the farewell tradition memorable gifts were distributed to the final-year students, creating moments of joy and celebration. The seniors, in return, expressed their gratitude towards the faculty and juniors for the thoughtful send-off. The evening concluded with a group photo session, followed by a DJ night and dinner, leaving everyone with cherished memories and a bittersweet goodbye.

## Student Achievements & Participations in Activities

Sr. No.	Name of Student	Name of Events	Details of Activity	Event Organized By / Date of Conduction	Position/ Remark
1	Sonali Sivne	ICI FEST 2025	Poster Competition in ICI FEST 2025	KDK College of Engineering, Nagpur	Winner 1 <sup>st</sup> Prize
2	Sahil Damle	Men Cricket Sport	UDAAN 25.0 Inter College Sports Meet	Priyadarshini College of Engineering, Nagpur (12th to 15th February 2025)	Winner Rs.11,000 & Trophy
3	Shubhangi Burile	Women Kabaddi Sport	UDAAN 25.0 Inter College Sports Meet	Priyadarshini College of Engineering, Nagpur (12th to 15th February 2025)	Runner up Rs.2,000 & Trophy
4	Prachi Tale				
5	Sonali Sivne	TECHTANTRA 2025	Tech-Canvas Competition in Techtantra 2025	Tulsiramji Gaikwad Patil College of Engineering & Technology	Winner 2 <sup>nd</sup> Prize
6	Sahil Damle	AEROVISTA 2025	National Level Technical Event AEROVISTA 2025	Aeronautical Department, TGPCET, Nagpur (19th April, 2025)	Winner 2nd Prize
7	Sonali Sivne	ELECTROKRAT 2025	Technical Quiz in National Level Event ELECTROKRAT 2025	Tulsiramji Gaikwad Patil College of Engineering & Technology	Winner 3 <sup>rd</sup> Prize
8	Aditya Lokhande	TECHTANTRA 2025	National Level Event TECHTANTRA 2025	Tulsiramji Gaikwad Patil College of Engineering & Technology	Winner 3 <sup>rd</sup> Prize
9	Akshay Khobragade				
10	Anil Modi				
11	Ashik Gaupale				
12	Nitish Mendhekar	Advantage Vidarbha – Khasdar Audyogik Mahotsav	Vidarbha's Mega Industrial Expo Business & Investment Conclave	Association for Industrial Development held at RTMNU Campus, Nagpur (7th to 9th February 2025)	Participation
13	Raj Bawankule				
14	Rohit Meshram				
15	Ashwin Salunke				
16	Pratham Shambharkar				
17	Anil Modi	NATIONAL LEVEL IDEATHON	INNOVATE INDIA 2025 Ideathon competition	Wainganga College of Engineering and Management, Dongargaon, Nagpur	Participation
18	Aarya Raju Shahare				
19	Raj Bawankule				
20	Aditya Prabhudas Lokhande				

## Student Achievements & Participations in Activities

Sr. No.	Name of Student	Name of Events	Details of Activity	Event Organized By / Date of Conduction	Position/ Remark
21	Aditya Lokhande	SYNERGY-25	Synergy-25	Wainganga College of Engineering and Management, Dongargaon, Nagpur	Participation
22	Aditya Lokhande	Pratikruti 2025	Pratikruti 2025 Event	Yeshwantrao Chavan College of Engineering, Nagpur (25th Feb. 2025)	Participation
23	Sujal Mirche				
24	Aarya Shahare				
25	Khushi Khadilkar	Certificate Course (STAAD PRO)	Training Course is organized in association with RRC & Steel Con.	Coordinate by Skill Development Cell of Institute.	Participation
26	Aditya Lokhande				
27	Sahil Motghare				
28	Naina Nagpure				
29	Jayshri K. Tembhurnikar				
30	Ram Lande	TECHNOVATION 2025	TECHNOVATION 2025 "National Level Technical Event"	Civil Engineering Department, TGPCET, Nagpur (7th March 2025 And 8th March 2025).	Participation
31	Riya Sewatkar				
32	Sahil Motghare	TECH-AXION 2025	TECH-AXION National level Technical Event 2025	Information Technology Department of TGPCET, Nagpur (5th April 2025)	Participation
33	Purva Talwekar				
34	Kundan Suryawanshi				
35	Prashant Sahare				
36	Shweta Ramteke	Poster Display Competition	TECHNOVATION 2025 "National Level Technical Event"	Civil Engineering Department, TGPCET, Nagpur (7th March 2025 And 8th March 2025).	Participation
37		Technical Quiz Competition			
38		TECH-AXION 2025	TECH-AXION National level Technical Event 2025	Information Technology Department of TGPCET, Nagpur (5th April 2025)	Participation
39	Khushi Khadilkar	TECHTANTRA 2025	National Level Event TECHTANTRA 2025	Tulsiramji Gaikwad Patil College of Engineering & Technology	Participation
40		TECHNOVATION 2025	TECHNOVATION 2025 "National Level Technical Event"	Civil Engineering Department, TGPCET, Nagpur (7th March 2025 And 8th March 2025).	Participation



## Student Achievements & Participations in Activities

Sr. No.	Name of Student	Name of Events	Details of Activity	Event Organized By / Date of Conduction	Position/ Remark
41	Naina Nagpure	TECH-AXION 2025	TECH-AXION National level Technical Event 2025	Information Technology Department of TGPCET, Nagpur (5th April 2025)	Participation
42	Achal Naktode				
43	Devkumar Mitra				
44	Tanisha Mitra	TECH-AXION 2025	TECH-AXION National level Technical Event 2025	Information Technology Department of TGPCET, Nagpur (5th April 2025)	Participation
45	Gayatri Sonwane	TECHTANTRA 2025	National Level Event TECHTANTRA 2025	Tulsiramji Gaikwad Patil College of Engineering & Technology	Participation
46	Nilam Janbandhu				
47	Jayshri Tembhurnikar	TECHNOVATION 2025	TECHNOVATION 2025 "National Level Technical Event"	Civil Engineering Department, TGPCET, Nagpur (7th March 2025 And 8th March 2025).	Participation
48	Piyush Lokhande	TECH-AXION 2025	TECH-AXION National level Technical Event 2025	Information Technology Department of TGPCET, Nagpur (5th April 2025)	Participation
49	Soham Baghele				
50	Hariom Rohankar	TECHNO-VATION 2025	TECHNOVATION 2025 "National Level Technical Event"	Civil Engineering Department, TGPCET, Nagpur (7th March 2025 And 8th March 2025).	Participation
51	Tejas Sangrame				
52	Mahesh Napte				
53	Pankaj Chaudhary				
54	Apurva Wankhede				
55	Vaishnavi Kadwe				
56	Aarya Shahare				
57	Tanmay Wasekar				
58	Dhiraj Bhelawe	TECH-AXION 2025	TECH-AXION National level Technical Event 2025	Information Technology Department of TGPCET, Nagpur (5th April 2025)	Participation
59	Rahul Bijewar				
60	Vijaya Chavhan				
61	Aarya Shahare	ELECTROKRAT 2025	ELECTROKRAT 2025 National Level Event	Tulsiramji Gaikwad Patil College of Engineering & Technology	Participation
62	Himanshi Jangade				

## Student Achievements & Participations in Activities

Sr. No.	Name of Student	Name of Events	Details of Activity	Event Organized By / Date of Conduction	Position/ Remark
63	Himanshi Jangade	TECH-AXION 2025	TECH-AXION National level Technical Event 2025	Information Technology Department of TGPCET, Nagpur (5th April 2025)	Participation
64		TECHNO-VATION 2025	TECHNOVATION 2025 "National Level Technical Event"	Civil Engineering Department, TGPCET, Nagpur (7th March 2025 And 8th March 2025).	Participation
65	Santosh Lakade				
66	Sanket Funde	TECHTANTRA 2025	National Level Event TECHTANTRA 2025	Tulsiramji Gaikwad Patil College of Engineering & Technology	Participation
67	Ankita Burde	TECHNOVATION 2025	TECHNOVATION 2025 "National Level Technical Event"	Civil Engineering Department, TGPCET, Nagpur (7th March 2025 And 8th March 2025).	Participation
68	Soumyak Kadhao	TECHTANTRA 2025	National Level Event TECHTANTRA 2025	Tulsiramji Gaikwad Patil College of Engineering & Technology	Participation
69	Akshay Khobragade	SYNERGY-25	Synergy-25 event at Wainganga College	Wainganga College of Engineering and Management, Dongargaon, Nagpur	Participation
70	Neha Pohnarkar	ELECTROKRAT 2025	ELECTROKRAT 2025 National Level Event	Tulsiramji Gaikwad Patil College of Engineering & Technology	Participation
71	Gunjan Wahile	TECH-AXION 2025	TECH-AXION National level Technical Event 2025	Information Technology Department of TGPCET, Nagpur (5th April 2025)	Participation
72	Mahesh Napte	Sports (Kabaddi)	Kabaddi tournament in Shegaon.	Kabaddi tournament in Shegaon. (20 Feb. to 24 Feb.)	Participation
73	Mohit Dharmik	Sports (Kabaddi)	Kabaddi tournament in Shegaon	Kabaddi tournament in Shegaon (20 Feb. to 24 Feb.)	Participation
74	Mahesh Napte	Sports (Kabaddi)	Kabaddi tournament in Priyadarshini College	Priyadarshini College of Engineering, Nagpur. (24 Feb. to 27 Feb.)	Participation
75	Mohit Dharmik				
76	Mahesh Napte	Sports (Kabaddi)	Kabaddi tournament in Nanded	Kabaddi tournament in Nanded. (28 Feb. to 3rd March.)	Participation
77	Mohit Dharmik				
78	Mohit Dharmik	TECHNOVATION 2025	TECHNOVATION 2025 "National Level Technical Event"	Civil Engineering Department, TGPCET, Nagpur (7th March 2025 And 8th March 2025).	Participation
79	Nikhil Nikure	TECH-AXION 2025	TECH-AXION National level Technical Event 2025	Information Technology Department of TGPCET, Nagpur (5th April 2025)	Participation
80	Ishita Devkate	TECH-KRUTI 2025	TECH-KRUTI National Level Technical Event 2025	CSE-Data Science (28th & 29th March 2025)	Participation
81	Payal There	TECH-AXION 2025	TECH-AXION National level Technical Event 2025	Information Technology Department of TGPCET, Nagpur (5th April 2025)	Participation
82	Pallavi Pal				

## Student Achievements & Participations in Activities

Sr. No.	Name of Student	Name of Events	Details of Activity	Event Organized By / Date of Conduction	Position/ Remark
83	Ashik Gaupale	SYNERGY-25	Synergy-25 event at Wainganga College	Wainganga College of Engineering and Management, Dongargaon, Nagpur	Participation
84		TECHNOVATION 2025	TECHNOVATION 2025 "National Level Technical Event"	Civil Engineering Department, TGPCET, Nagpur (7th March 2025 And 8th March 2025).	Participation
85		TECHTANTRA 2025	National Level Event TECHTANTRA 2025	Tulsiramji Gaikwad Patil College of Engineering & Technology	Participation
86	Anil Modi	Pratikruti 2025	Pratikruti 2025 Event	Yeshwantrao Chavan College of Engineering, Nagpur (25th Feb.2025)	Participation
87	Sujal Thakre	TECH-AXION 2025	TECH-AXION National level Technical Event 2025	Information Technology Department of TGPCET, Nagpur (5th April 2025)	Participation
88	Shubhangi Burile	TECH-AXION 2025	TECH-AXION National level Technical Event 2025	Information Technology Department of TGPCET, Nagpur (5th April 2025)	Participation
89	Manokamana Ambedare				
90	Pallavi Hemake				
91	Sonali Sivne				
92	Vaibhav Itankar				
93	Tanvi Bhaisare				
94	Priyanka Date				
95	Abhijit Chandekar				
96	Siddesh Nakade				
97	Suraj Fating				
98	Kundan Suryawanshi				
99	Gauri Raju Nimkar				
100	Sakshi Mute				
101	Pradnya Sukhdeve				
102	Vittesh Mahajan				

## Student Achievements & Participations in Activities

Sr. No.	Name of Student	Name of Events	Details of Activity	Event Organized By / Date of Conduction	Position/ Remark
103	Yogita Meshram	TECH-AXION 2025	TECH-AXION National level Technical Event 2025	Information Technology Department of TGPCET, Nagpur (5th April 2025)	Participation
104	Vivek Rathod				
105	Abhishek Chavhan				
106	Sachin Rathod				
107	Raj Bawankule				
108	Saurav Rinait				
109	Achal Nannaware				
110	Sakshi Kapse				
111	Lisha R. Shankwar	TECHTANTRA 2025	National Level Event TECHTANTRA 2025	Tulsiramji Gaikwad Patil College of Engineering & Technology	Participation
112	Mayuri Lade	TECHNOVATION 2025	TECHNOVATION 2025 "National Level Technical Event"	Civil Engineering Department, TGPCET, Nagpur (7th March 2025 And 8th March 2025).	Participation
113	Ketaki Thikare				
114	Drushti Lade				
115	Pratiksha Ingole				
116	Arvind Kawle				
117	Tusharkumar Meshram				
118	Tejas Ghonge				
119	Hidesh Gaikwad	SYNERGY-25	Synergy-25 event at Wainganga College	Wainganga College of Engineering and Management, Dongargaon, Nagpur	Participation
120	Sujal Mirche	Pratikruti 2025	Pratikruti 2025 Event	Yeshwantrao Chavan College of Engineering, Nagpur (25th Feb.2025)	Participation
121	Akshay Raut	TECHNOVATION 2025	TECHNOVATION 2025 "National Level Technical Event"	Civil Engineering Department, TGPCET, Nagpur (7th March 2025 And 8th March 2025).	Participation
122	Chetan Selkar				



## Student Achievements & Participations in Activities

Sr. No.	Name of Student	Name of Events	Details of Activity	Event Organized By / Date of Conduction	Position/ Remark
123	Chaitanya Daulatkar	BIOFUSION - 2025	National Level Event BIOFUSION 2025	Biotechnology Department, TGPCET, Nagpur (18th April 2025)	Participation
124	Pramod Baghele				
125	Arya Dongarwar				
126	Pranjal Bansod				
127	Shruti Hedao				
128	Alisha Dongare				
129	Krish Sonewane				
130	Raj Bawankule	SYNERGY-25	Synergy-25 event at Wainganga College	Wainganga College of Engineering and Management, Dongargaon, Nagpur	Participation
131	Raj Bawankule	TECHNOVATION 2025	TECHNOVATION 2025 "National Level Technical Event"	Civil Engineering Department, TGPCET, Nagpur (7th March 2025 And 8th March 2025).	Participation
132	Ganesh Tighare				
133	Ritik Meshram				
134	Neha Pohankar				
135	Homkant Bankar	TECH-KRUTI 2025	TECH-KRUTI National Level Technical Event 2025	CSE-Data Science (28th & 29th March 2025)	Participation
136	Sonali Sivne	TECHSPARK 2025	Tech-Intelligent Competition in National Level Event TECHSPARK 2025	Electrical Engineering Department of Tulsiramji Gaikwad Patil College of Engineering & Technology (2nd April 2025)	Participation



Sonali Sivne secured 1<sup>st</sup> Prize in Poster Competition in ICI FEST 2025 at KDK College of Engg. Nagpur

# Student Achievements & Participations in Activities



**Sahil Damle**  
Men's Cricket – Winner (Rs. 11,000)



**Shubhangi Burile & Prachi Tale**  
Women Kabaddi – Runner Up (Rs.2000)

**UDAAN 25.0**  
Inter College Sports Meet  
Priyadarshini College of Engineering, Nagpur

**UDAAN 25.0**  
Inter College Sports Meet  
Priyadarshini College of Engineering, Nagpur



**Mahesh Napte & Mohit Dharmik**  
Participated in Kabbaddi Tournaments at  
Shegaon & Nanded



**Nikhil Nikure**  
Participated in Tech-Axion 2K25



**Sonali Sivne**  
3<sup>rd</sup> Prize in Technical Quiz

# Swayam-NPTEL Certifications (Jan-April 2025)

Sr. No.	Name of Student	Course Details	Remarks
1.	Nakul Khodaskar	Basic Construction Materials Jan-Apr 2025 (12 Weeks) IIT, Madras	Elite (Top 5%)
2.	Amit Bhate		Elite
3.	Piyush Lokhande		Pass
4.	Aditya Lokhande		Pass
5.	Kalyani Rambhad		Pass
6.	Mayur Kumbhare		Pass
7.	Sunayana Meshram		Pass
8.	Sandip Kumbhare		Pass
9.	Varsha Yele		Pass
10.	Shilpa Gajbhiye		Pass
11.	Kalyani Meshram		Pass
12.	Kalyani Meshram	Modern Construction Materials Jan-Apr 2025 (12 Weeks) IIT, Madras	Pass
13.	Amit Bhovate		Pass



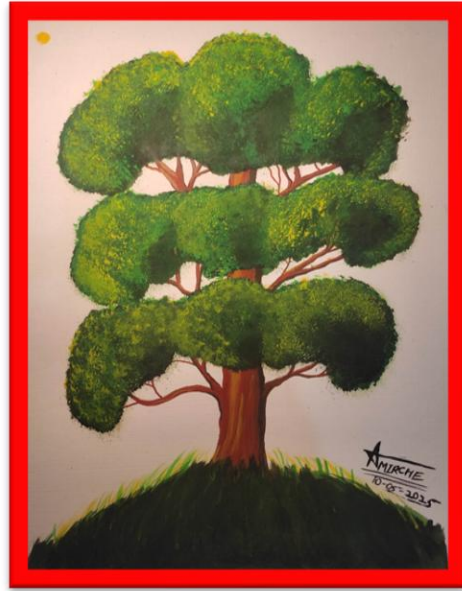
## Placement Details

Sr. No.	Name of Student	Company	Package
1.	Rohit Bisen	Berger Paints	7.08 LPA
2.	Priyanshu Lanjewar	Berger Paints	7.08 LPA
3.	Mayur Barapatre	IDC Construction Pvt. Ltd, Nagpur	3.19 LPA
4.	Pranay Tekam	IDC Construction Pvt. Ltd, Nagpur	3.19 LPA
5.	Gaurav Kadate	Lloyds Infrastructure and Constructions	3.05 LPA
6.	Mahesh Naktode	Lloyds Infrastructure and Constructions	3.05 LPA
7.	Nandini Dhawale	Lloyds Infrastructure and Constructions	3.05 LPA
8.	Srushti Gondane	Lloyds Infrastructure and Constructions	3.05 LPA
9.	Samyak Bansod	Lloyds Infrastructure and Constructions	3.05 LPA
10.	Sumit Rangari	Lloyds Infrastructure and Constructions	3.05 LPA
11.	Juhi Ramteke	Marty India Engg. Services Pvt Ltd., Nagpur	3 LPA
12.	Dnyandip Wasekar	Marty India Engg. Services Pvt Ltd., Nagpur	3 LPA
13.	Raunak Kishor Sahare	Megha Engineering and Infrastructures Ltd.	3 LPA
14.	Kalpeshkumar Tembhare	Shinex Global Pvt Ltd, Nagpur	2 LPA
15.	Yogesh Kakde	Shinex Global Pvt Ltd, Nagpur	2 LPA





## Student & Faculty Creativity Corner



**Sketches by 6<sup>th</sup> semester student Mr. Sujal Mirche**

### POEM

#### **एक अभियंता की पर्यावरण संरक्षण शपथ**

सीमेंट-कंक्रीट से शहर बनाएं,  
पर धरती की हरियाली न गंवाएं।  
इंजीनियर हम, कर्तव्य हमारा,  
सावधानी से गढ़ें हर किनारा।  
नदियों में कम हो कचरा, हवा स्वच्छ रहे,  
सतत निर्माण का संकल्प मन में बहे।

हर पुल, हर सड़क के निर्माण संग,  
प्रकृति का भार करें कम अपने ढंग।  
नवाचार हो उद्देश्य से भरा, अटल,  
धरती रक्षा, अपना और सबका कल।  
भविष्य की नींव, हरित हो आधार,  
देने को पीढ़ियों को अनुपम उपहार।

**By: Prof. Mohitsingh Katoch**



तुळशीरामजी गायकवाड-पाटील अभियांत्रिकी  
आणि तंत्रज्ञान महाविद्यालय, नागपूर

स्थापत्य अभियांत्रिकी विभागाने १९.०३.२०२५ रोजी गोसीखुर्द धरण, वाही (पौनी) भंडारा येथे स्थळ भेटीचे आयोजन केले होते

एक्यु ८१ विद्यार्थ्यानी या मण्डितवर्ण  
 भेटोया लोभम अन्ना, प्र. हितकरमम मिमा,  
 प्र. कोलम नेमन अन्ना, प्र. रोत्तन  
 अन्नमेनेकर यानी वलरत्तवितिया समन्वय  
 सात्तल, प्र. महेत्तन गवकवच-पडेल,  
 अन्ना, प्र. आननन गवकवच, प्राप्यवत्,  
 प्र. रोत्तन गवकवच, कोकवच, प्र.  
 प्र. पी.एल, नकवत्तो, प्राचा अन्ना, प्र. प्रगती  
 पडेल, उप-प्राचा अन्ना प्राप्यवच  
 सदस्यवच प्राचवनी कर्तुकर केलें आगि या  
 साट मण्डित रोत्तन सवच वलर-वाल्दल  
 उचितवचनी अभिनेत करे. नववच  
 उचितवचनी मिशगणे प्रमुक्त प्र. आरीक  
 वेग, प्र. संजलन मडके, प्र. प्रियावनी हवत्तल,  
 प्र. मण्डितवर्ण कटोय, प्र. प्रमम मादो,  
 प्र. कोलम नेमन, प्र. नवच रोत्तन,  
 प्र. प्रगती मडके व वैष्णवी मुररकरकर  
 यानी मण्डितवर्ण कवचनी कवचनी

दैनिक देशप्रदेश केसरी  
नागपूर: तुळशीरामजी गायकवाड-  
पाटील अभियांत्रिकी आणि तंत्रज्ञान  
महाविद्यालय, नागपूर (एक स्वायत्त  
संस्था) च्या स्थापत्य अभियांत्रिकी  
विभागाने १९ मार्च २०२५  
(बुधवार) रोजी भंडारा जिल्ह्यातील  
वधावा (पौनी) येथील गोसीखु-  
भरणाळा भेट दिली. या भेटीदरम्यान  
श्रीमती सरिता हरणे (एई-II),  
के. पी. क्षीरसागर (कनिष्ठ अभियंता)

आणि श्री. धैर्यशील पाटील (काँग्रेस  
अभियंत) हे विषाखुर्द प्रकल्प, पोनी  
भंडारा हे विषाखुर्द अभियंत मार्गदर्शक  
कल्पयताही उपस्थित होते.  
प्रधान येथील पोनी येथील गोतीचा  
धरणालाच सहाई भेटीचा उद्देश  
त्याच्या जलविविधता संरचना, प्रवाहा  
अभियंत आणि गळ वाहतूक (नदी  
अभियंत्याकडे) चा अध्यक्षाकडे  
आहे. हे पूर नियंत्रण, पुरवठा  
वैयक्त्यस्थान आणि शहरी नदीचे  
प्रभाव (शहरी जलवितरण) बघणे  
अंतर्गुष्ट प्रदान करणे. याव्यतिरिक्त  
ही भेट जेट्टील प्रवाहात, अशा  
आणि ऊर्जा अपव्यय यंत्रणेचे  
वर्षाभरण करण्यास मदत करणे.  
क्षेत्रीय सिंचनासाठी नदीत श्रेण्या  
पाण्याच्या प्रवाहाचे नियमन  
कल्पयताही ३३ (रेडियल) सिल्ले  
गेटद्वारा वगैरे कायदा केला जातो

त्यांनी स्पष्ट केले. त्यांनी गेट  
 देखाभागीसाठी २ नंंदी गोलपल्या  
 जलराज, जलयारा अपरेषन सेडुम्युल  
 (आर.ओ.एस्), गेट अपरेषन  
 सेडुम्युल (जि.ओ.एस्), पाणलगेरी  
 जल आणि धरणाचे पाणी  
 वापरण्यासाठी वापरल्या जाणाऱ्या  
 इतर कारणांमुळे देडोली स्पष्ट केले.  
 महाती जलविद्युत प्रकल्पाच्या  
 गेसेसुईट जलविद्युत योजनेतून (२२  
 मेगावॉट) स्थापित थमता, २३ किमी  
 लांबच्या डब्या तीराच्या कालव्याद्वारे  
 सिंचित जमीन क्षेत्र आणि ९९ किमी  
 लांबीच्या उजव्या तीराच्या  
 कालव्याद्वारे. ही भेट विद्यार्थ्यांसाठी  
 व्यावहारिक ज्ञान मिळविण्याची  
 आणि वर्गात शिकलेल्या विविक्त  
 संकल्पना आणि सिद्धांतांचे  
 व्यावहारिक ज्ञान मिळविण्याची ए  
 उत्तम संधी होती.



गायकवाड इंजिनीअरिंगचे सर्वेक्षण शिबिर  
नागपूर : तुळशीरामजी गायकवाड यांनी  
ॲण्ड टेक्नॉलॉजी

नागपूर : तुळशीरामजी गायकवाड-पाटील कॉलेज ऑफ इंजिनीअरिंग  
 अँड टेक्नॉलॉजीच्या स्थापने अभियांत्रिकी विभागातर्फे चौथ्या सत्राचा  
 विद्यार्थ्यांसाठी अलीकडेच दोन दिवसीय सर्वेक्षण शिबिराचे आयोजन करण्यात  
 आले. विद्यार्थ्यांनी प्रत्यक्ष साइटवर विविध प्रत्यक्षिके सादर केली आणि विविध  
 उपकरणांच्या कार्याचा अभ्यास केला. अध्यक्ष डॉ. मोहन गायकवाड-पाटील  
 यांच्या अध्यक्षतेखाली आयोजित झालेल्या शिबिरात उपस्थित असलेल्या  
 पाटील, नाकटोडे आणि उषिराचार्या डॉ. प्रगती पाटील यांनी शिक्षकांच्या  
 परिश्रमाचे कौतुक केले. शिबिराच्या यशस्वीतेसाठी स्थापने अभियांत्रिकी  
 विभाग प्रमुखा डॉ. आसिफ बेग, प्रा. संजय भडके, प्रा. मोहितसिंग कोटोच, प्रा.  
 दिव्यानी हेरपाल, प्रा. हितेशकुमार मिश्रा, प्रा. कोमल मेश्राम, प्रा. मृणाल







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