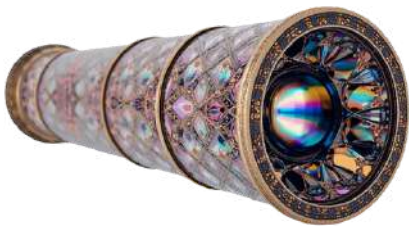
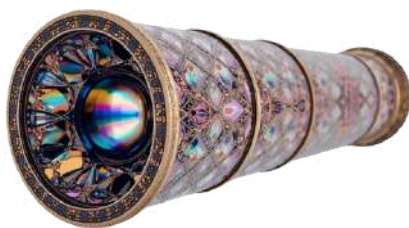




2024-25 MAGAZINE



KALEID



SCOPE



GAIKWAD-PATIL
GROUP OF INSTITUTIONS

YOUR DREAM IS OUR MISSION

Vision & Mission

Vision

To emerge as a learning Center of Excellence in the National Ethos in Diploma in Engineering.

Mission

M1: To elevate the standards of students through ethical practices.

M2: To provide facilities and services to meet the challenges of Industry and Community.

M3: To ascertain holistic development of the students and staff members by inculcating knowledge and profession as work practices.

MANAGEMENT DESK

“EDUCATION IS THE PASSPORT TO THE FUTURE, FOR TOMORROW BELONGS TO THOSE WHO PREPARE FOR IT TODAY.”

Nurturing creativity and inspiring innovation are two of the key elements of a successful education, and a college magazine is the perfect amalgamation of both. I am delighted that Tulsiramji Gaikwad Patil College of Engineering & Technology has published the college magazine "KALEIDOSCOPE" which showcases the talent and skills of the students in academics, curricular and extracurricular activities. The Editorial Board has done a fair job to put up facts before students and parent community. To express one's thought, College Magazine is the best platform and this is what our students have expressed in terms of contributions towards the magazine. I appreciate Editorial Team for unleashing the hidden potential of the student and making this Magazine a chapter of TGPCET history.



“EDUCATION IS THE MOST POWERFUL WEAPON YOU CAN USE TO CHANGE THE WORLD.”

It gives me an immense pleasure to enlighten that Tulsiramji Gaikwad-Patil College of Engineering & Technology, Nagpur provides a platform for every students to develop his/her learning skills through the college magazine "KALEIDOSCOPE". This magazine will enlighten you with the important milestones that College has achieved this year. Besides, our budding talents have expressed their thoughts, ideas, hopes, feelings, aspirations and convictions in a creative way. The students were participated in seminars, workshops and industrial visits to improve the skills required. This magazine is a good source of guidance for faculty and coming batches of students in choosing activities of their choice in their future for building their career. I congratulate all the stake holders including editorial board and students of the college for bringwing this edition of Magazine 23-24. Wish you all the best.



New beginnings bring in joy and excitement. It is my pleasure to put a write up for the college magazine "KALEIDOSCOPE". A college magazine is an eloquent expression of the progress and outstanding achievements that a college has to its credit. An academic institution magazine carries the contributions reflecting spirit and goals of the students, faculty and other team members of an institution. Through College Magazine students get an opportunity to exhibit their extracurricular talents. They get an opportunity to pen down their thoughts and talents and make the people around them know about the glory of their institution. The role of a magazine is therefore vital in promoting what an institution offers. I take this opportunity to congratulate Editorial Board for their unrelenting efforts in compiling this magazine.



It gives me pleasure that the TGPCET is presenting out College Magazine "KALEIDOSCOPE". We, at the management, are ever willing to encourage and support activities by students and faculty to promote the cause of the quality education in our campus. Presentation like this brings into light a wide variety of engineering & technology innovation. They also provide the much needed exposure, which proves a stepping stone for the future careers of students. As an institution conceived and created solely by academicians, we are trying our best to provide varied learning opportunities to our student. This magazine is one more step in this direction. The overwhelming response we received from all students of College is proof enough that we are marching in the right direction.



Dr. Mohan Gaikwad-Patil
Chairman, Gaikwad-Patil Group



Mr. Akash Gaikwad-Patil
Vice Chairman, GPG



Dr. Anjali Patil-Gaikwad
President, GPGI



Dr. Sandeep Gaikwad
Treasurer

ACADEMIC PATRONS



Dr. P. L. Naktode
Principal

It is matter of delight to know that Tulsiramji Gaikwad Patil College of Engineering & Technology is publishing College Magazine "KALEIDOSCOPE". Technology is moving at a very fast pace. What was breakthrough yesterday is absolute today. This has made it imperative that future technocrats must be familiar not only with technical skill but also with the technology of tomorrow. Creation of such magazine has a definite purpose and goal. It will provide information on the different aspects of the all departments and its program for the benefits of student and public at large. This magazine we believe will help us in pursuing our goals in a more effective and meaningful way. I hope your humbles effort will go a long way in putting the college the information super highway for making the institution a real instrument of socio economics change while improving the quality of education through technology. It is for the faculty and student to put this magazine to better use and achieve the desired result. I sincerely hope that it will mark a new chapter in the history of great achievement of the institution.



Dr. Pragati Patil
Vice-Principal

"DREAMS ARE NOT THOSE WHICH WE SEE WHILE SLEEPING, BUT DREAMS ARE THOSE WHICH DO NOT LET US SLEEP,"

At the outset, I warmly applaud TGPCET for bringing us the latest edition of the college magazine "KALEIDOSCOPE". This magazine is intended to bring out hidden literacy talent of students and faculty and also to inculcate leadership skills among them. It is a great pleasure to see the creative expressions of students who had contributed. This magazine has made an earnest attempt in this direction and brought out certain aspects of the college to the eyes of the public so that they may understand and know the college even better. I strongly believe that it would be an excellent medium through which the world can learn about the potential and achievements of TGPCET. I congratulate the members of the editorial board for their tireless efforts. Wishing the magazine a lasting success

ACADEMIC PATRONS



**DR. GEETA PADOLE-
GAIKWAD**

Director(Admission), TGPCET

Welcome to TGPCET! As the Director of the Admission Cell, I extend a heartfelt welcome to our vibrant community. We're here to support your academic journey and help you thrive. Embrace new experiences, forge connections, and aim for excellence. We're excited to see you grow and succeed at TGPCET.

Thank you for choosing TGPCET as your academic home! Our campus is a place where innovation meets tradition, where opportunities abound, and where dreams take flight. As you embark on this exciting chapter of your life, remember that our dedicated faculty and staff are here to guide you every step of the way. From state-of-the-art facilities to a rich tapestry of extracurricular activities, there is no shortage of ways for you to explore your interests and talents. Embrace the challenges, celebrate the victories, and always remember that you are an integral part of our TGPCET family. Together, let's create a future filled with possibilities and endless opportunities for growth and success. Welcome aboard, and may your journey be one of discovery, learning, and fulfillment.



DR. AASIF BAIG
Dean, Polytechnic,
TGPCET

"Dreams are not those which we see while sleeping, but dreams are those which do not let us sleep,"

Education means bringing out idea of Universal validity which is latent in the mind of every one. Our motto is to provide quality education and we have been striving for this goal right from the inception. We not only concentrate on studies but also try to inculcate manners, conduct, good habits as part of a conviction that education is a process of self-realization, which stays with a person for life. In keeping with the changing approach of modern education, our College emphasizes on teaching through practical application at every experience and the learning process fast easier and eminently accessible proposition. We have endeavoured to leverage advancement of information technology directly to the class-room for easy understanding for our students. This also entails that we set up world class infrastructure, state of the art laboratories, technology standard grounds courts, create serene and idyllic environment conducive to individual's growth. We shall strive to ingrain into child a deep sense of what is right and what is wrong, and live his life with his own convictions. My goal shall be educate my wards for life.



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Tulsiramji Gaikwad-Patil College of Engineering and Technology (TGPCET) Second Shift Polytechnic was established in the year 2013 by Vidarbha Bahu-Uddeshiya Shikshan Sanstha (VBSS), a registered society. It is a self financed Private Polytechnic , which is affiliated to Maharashtra State Board of Technical Education (MSBTE) Mumbai 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.

COMPUTER SCIENCE AND ENGINEERING DEPARTMENT

VISION

“To emerge as a learning Centre of Excellence in the domain of Computer Science and Engineering to produce proficient diploma engineers”.

MISSION

- To impart quality technical education in the field of Computer Science & Engineering and develop the skill through modern teaching & learning method.
- To provide learning environmental to face societal and industrial challenges of Computer Science & Engineering.
- To ensure overall development of students and staff members by inculcating knowledge and professional ethics as a part of lifelong learning.

PROGRAM OUTCOMES (PO)

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

PROGRAM SPECIFIC OUTCOMES(PSO)

- **PSO1:** Computer Software and Hardware Usage: Use state-of-the-art technologies for operation and application of computer software and hardware.
- **PSO2:** Computer Engineering Maintenance: Maintain computer engineering related software and hardware systems.

PROGRAMME EDUCATIONAL OBJECTIVES (PEO's)

- **PEO 1:** Provide socially responsible, environment friendly solutions to Computer engineering related broad based problems adapting professional ethics.
- **PEO 2:** Adapt state-of-the-art Computer engineering broad-based technologies to work in multi-disciplinary work environments.
- **PEO 3:** Solve broad-based problems individually and as a team member communicating effectively in the world of work.

ELECTRICAL ENGINEERING DEPARTMENT

VISION

“To Emerge as a learning Centre in the Domain of Electrical Engineering.”

MISSION

- **M1:** To impart quality technical education through effective teaching & learning process.
- **M2:** To provide learning environment to face societal and industrial challenges of Electrical Engineering.
- **M3:** To ensure overall development of students and staff members by inculcating knowledge and professional ethics as a part of lifelong learning.

PROGRAM OUTCOMES (PO)

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

PROGRAM SPECIFIC OUTCOMES(PSO)

- **PSO 1.** Electrical Equipment: Maintain various types of rotating and static electrical equipment.
- **PSO 2.** Electric Power Systems: Maintain different types of electrical power systems.

PROGRAMME EDUCATIONAL OBJECTIVES (PEO's)

- **PEO 1.** Provide socially responsible, environment friendly solutions to Electrical engineering related broad-based problems adapting professional ethics.
- **PEO 2.** Adapt state-of-the-art Electrical engineering broad-based technologies to work in multi-disciplinary work environments.
- **PEO 3.** Solve broad-based problems individually and as a team member communicating effectively in the world of work.

MECHANICAL ENGINEERING DEPARTMENT

VISION

To be a premier center for producing competent Mechanical Engineers to cater the ever- changing industrial demands and societal needs.

MISSION

- To provide better environment to the students and faculty members, creating an ambience conducive for excellence in Mechanical Engineering education.
- To strengthen industry institute interaction to made the challenges of industry and society
- To impart quality technical education to inculcate moral values, professional ethics and entrepreneurial qualities.

PROGRAM OUTCOMES (PO)

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

PROGRAM SPECIFIC OUTCOMES(PSO)

- **PSO 1:** Modern Software Usage: Use latest mechanical related software for simple design, drafting, manufacturing, maintenance and documentation of mechanical components and processes.
- **PSO 2:** Maintenance and selection of machines, equipment, instruments: Maintain and select appropriate machine, equipment and instrument in field of Mechanical Engineering.
- **PSO 3:** Manage Mechanical Process: Manage the mechanical process by selection and scheduling right type of machinery, equipment, substrates, quality control techniques, operational parameters and software for a particular mechanical process or job for economy of operations

PROGRAMME EDUCATIONAL OBJECTIVES (PEO's)

- **PEO 1:** Provide socially responsible, environment friendly solution to mechanical engineering related broad-base problem adopting professional ethics
- **PEO 2:** Adapt state of the art, mechanical engineering broad-based technologies to work in multi-disciplinary work environment
- **PEO 3:** Solve broad-based problems individually and as team member communicating effectively in the world of work

CIVIL ENGINEERING DEPARTMENT

VISION

To impart quality technical education in civil engineering to develop employable civil diploma engineers.

MISSION

- To provide essential knowledge & skill to develop employable civil engineer.
- To Motivate the faculty members and students in the teaching learning process for achieving excellence to meet the global standard.
- To produce engineers with high professional and ethical standards for fulfilling the needs of the industry and society.

PROGRAM OUTCOMES (PO)

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

PROGRAM SPECIFIC OUTCOMES(PSO)

- **PSO 1-** Construct and maintain roads, bridges irrigation structure and buildings
- **PSO 2 -** Use appropriate Techniques to test the civil engineering material

PROGRAMME EDUCATIONAL OBJECTIVES (PEO's)

- **PEO1.** To create civil engineering professionals ready for industry, government or other Organizations by implementing efficient civil engineering practices.
- **PEO2.** To Make use of formal and informal learning opportunities to sustain and improve technical, Personal and professional growth and get various licensure.
- **PEO3.** To develop professional skills and by using modern tools in civil engineering
- **PEO4.** To relate broad civil engineering education for effective communication of civil Engineering concepts orally and in written forms.
- **PEO5.** To guide principles of sustainable development and to promote the students for continuous Learning and development with professional moral and ethical values.

INFORMATION TECHNOLOGY DEPARTMENT

VISION

To become a front-runner in preparing diploma holders to be efficient problem solvers, researchers, innovators and entrepreneurs and making them competent professionals by enabling them to take up any kind of challenges in Information Technology industry or research organization they serve

MISSION

To Impart quality technical excellence in IT education with well-equipped laboratories and to enhance the students' knowledge in the modern technologies by promoting continuous industry institute interaction.

PROGRAM OUTCOMES (PO)

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

PROGRAM SPECIFIC OUTCOMES(PSO)

- **PSO 1.** Modern Information Technology: Use latest technologies for operation and application of information.
- **PSO 2.** Information Technology Process: Maintain the information processes using modern information and communication technologies.
- **PSO 3.** Computer Software and Hardware Usage: Use state of the art technologies for operation and application of computer software and hardware.

PROGRAMME EDUCATIONAL OBJECTIVES (PEO's)

- **PEO 1.** Provide socially responsible, environment friendly solutions to Information technology related broad-based problems adapting professional ethics.
- **PEO 2.** Adapt state-of-the-art Information Technology broad-based techniques to work in multi-disciplinary work environments.
- **PEO 3.** Solve broad-based problems individually and as a team member communicating effectively in the world of work.

ELECTRONIC AND COMMUNICATION ENGINEERING DEPARTMENT

VISION

To Emerge as a learning Centre in the Domain of Electronics & Communication Engineering

MISSION

M1: To impart quality technical education and practical training in Electronics and Communication Engineering through effective teaching & learning process.

M2: To provide learning environment to face societal and industrial challenges of Electronics and Communication Engineering.

M3: To ensure overall development of students and staff members by inculcating knowledge and professional ethics as a part of lifelong learning.

PROGRAM OUTCOMES (PO)

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

PROGRAM SPECIFIC OUTCOMES(PSO)

- **PSO 1.** Electronics Equipment: Maintain modern tools, techniques, and simulation software.
- **PSO 2.** Electronic Systems& communication Network: Maintain electronics circuits and communication systems.

PROGRAMME EDUCATIONAL OBJECTIVES (PEO's)

- **PEO 1.** Provide socially responsible, environment friendly solutions to Electronics & Communication engineering related problems adapting professional ethics.
- **PEO 2.** Adapt to technological advancement, and pursue higher education or entrepreneurship in Electronics & Communication engineering.
- **PEO 3.** Solve broad-based problems individually and as a team member communicating effectively in the world of work.

EDITORIAL BOARD



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NEWSPAPER CUTTINGS

सिद्धिल पॉलिटेक्निक विभागाने "टोटल स्टेशन" या विषयावर कार्यशाळेचे आयोजन

विदर्भ कल्याण / देवेंद्र सिसाट

हिंगणा : अलीकडेच तुळशीरामजी गायकवाड-पाटील कॉलेज ऑफ इंजिनीअरिंग अँड टेक्नॉलॉजी, पॉलिटेक्निकने "टोटल स्टेशन" या विषयावर कार्यशाळा आयोजित केली आहे. कार्यशाळेचे तज्ञ श्री सुमित बागमार, वन सर्वेक्षक, पेंच व्याघ्र प्रकल्प,



गायकवाड-पाटील अभियांत्रिकी आणि तंत्रज्ञान महाविद्यालयाच्या पॉलिटेक्निक मध्ये स्टुडंट इंडक्शन प्रोग्राम संपन्न



तुळशीराम जी गायकवाड पाटील कॉलेज येथे तांत्रिक कार्यशाळेचे आयोजन

विदर्भ कल्याण / देवेंद्र सिसाट.

हिंगणा- केईसी इंटरनॅशनल लिमिटेड ट्रेनिंग सेंटर, बुद्रोबोरी, नागपूर येथे तुळशीरामजी गायकवाड पाटील कॉलेज ऑफ इंजिनीअरिंग येथे तांत्रिक अँड टेक्नॉलॉजी पॉलिटेक्निक द्वारे "इलेक्ट्रिकल इन्स्ट्रुमेंटेशन, टेस्टिंग आणि मॉन्टरिंग" वरील तांत्रिक कार्यशाळेचे आयोजन करण्यात आले होते.

टीजीपीसीईटी पॉलिटेक्निक, इलेक्ट्रिकल अभियांत्रिकी विभागाने, केईसी इंटरनॅशनल लिमिटेड ट्रेनिंग सेंटर, बुद्रोबोरी, नागपूर येथे "इलेक्ट्रिकल इन्स्ट्रुमेंटेशन, टेस्टिंग आणि मॉन्टरिंग" या विषयावर तांत्रिक कार्यशाळेचे आयोजन केले होते.



"इलेक्ट्रिकल इन्स्ट्रुमेंटेशन, टेस्टिंग आणि मॉन्टरिंग" या विषयावरील कार्यशाळेचे उद्घाटन प्रमुख पाहुणे श्री रमण बागडे, व्यवस्थापक, इंटरनॅशनल लिमिटेड ट्रेनिंग सेंटर, बुद्रोबोरी, नागपूर यांच्या हस्ते झाले होते. या कार्यशाळेत इलेक्ट्रिकल इंजिनीअरिंग अभियांत्रिकी विभागाचे विद्यार्थी उपस्थित होते. या कार्यशाळेचा मुख्य उद्देश विद्यार्थ्यांना प्रक्रिया

उद्योगात वापरल्या जाणाऱ्या उपकरणांचे संशोधन करणे, स्थापित करणे, चाचणी व देखभाल करणे याबद्दल माहिती देणे हा होता. या सत्राचा विद्यार्थ्यांना खूप फायदा झाला. कार्यशाळेचे प्रमुख पाहुणे श्री रमण बागडे, व्यवस्थापक, इंटरनॅशनल लिमिटेड ट्रेनिंग सेंटर, बुद्रोबोरी, नागपूर, यांनी सर्व प्रकारचे टॉक्स जसे कि लॅटरीस टोवर्स, गायड टोवर्स, ट्युबलर



आणि मोनो पोल यांच्या चाचणी बद्दल विद्यार्थ्यांना माहिती दिली. ऑटोमेशन म्हणजे संगणकासारख्या नियंत्रण प्रणालीचा वापर करून औद्योगिक यंत्रणा आणि प्रक्रिया नियंत्रित करण्यासाठी, मानवी हस्तक्षेपाची गरज कमी करणे आहे, असे केईसीचे अभियंता श्री प्रसाद वैद्य यांनी विद्यार्थ्यांना सांगितले.

डा. मोहन गायकवाड पाटील,

अध्यक्ष जीपीजी, श्री आकाश गायकवाड उपाध्यक्ष, जीपीजी, डॉ. संदीप गायकवाड, कोषाध्यक्ष, जीपीजीआई, प्राचार्य डॉ. पी. एल. नाकटोडे, टीजीपीसीईटी डॉ. प्रगती पाटील, उप-प्राचार्य, टीजीपीसीईटी यांनी विद्यार्थ्यांना अशा प्रकारचे कार्यक्रम आयोजित करण्यास प्रवृत्त केले.

या कार्यक्रमाच्या आयोजनासाठी डॉ. नितीन काकडे, डॉन, पॉलिटेक्निक आणि श्री.विनीन मूळे, विभागप्रमुख यांनी मोलाचे मार्गदर्शन केले. हा कार्यक्रम यशस्वी करण्यासाठी इलेक्ट्रिकल अभियांत्रिकी पॉलिटेक्निक विभागातील सर्व प्राध्यापकांनी परिश्रम घेतले. कार्यक्रमाचे आयोजन सी.सुषमा शिंदे व कु.सोनाली सांगोळे यांनी केले.

MOST VALUABLE ADVANCED JAVA PROGRAMMING SKILLS

Nagpur : Recently Computer Science and Engineering Department of Tulstramji Gaikwad Patil College of Engineering and Technology (TGPCET), Polytechnic, organized an Expert Lecture on Java Programming, for the Second year students. The experts, Mr. Rohan Nachane, is the Director of Dolphin Kart Pvt. Ltd, Hyderabad. The Lecture was organized with the vision of providing knowledge to the students and making them aware of latest trends in industry regarding Java programming. Mr. Rohan Nachane assisted students in enhancing their overall skills set to improve their employability and meet industry expectation. More and more corporations around



the world recognize that, in order to gain a competitive advantage, java developers who possess these skills can increase their value in the job market and stay competitive in the industry. He also explained how to handle situations in the workplace and develop new technologies. Second-year students attended this lecture. Dr. Mohan Gaikwad Patil, Chairman, GPG, Mr. Aaksh Gaik-

wad, Vice Chairman, GPG, Dr Sandeep Gaikwad, Treasurer-GPGI, congratulated the students for their involvement. This lecture was successfully conducted under the guidance of principal Dr. P.L. Naktode, Vice Principal Prof. Pragati Patil, and Dr. Niteen Kakade, Dean of Polytechnic. The lecture was organized by Ms. Heena Kachhela and co-ordinated by Ms. Samiksha Pingale.

Expert Lecture on "33 KV Substation and their Functions", 2nd Year (EE)

Objective:

The session aimed to help students understand various types of equipment used in 33/11 KV substations, along with their functions and practical applications. It also enabled them to analyze the importance of each substation component in ensuring efficient and reliable power delivery.

About the Program:

On 5th October 2025, The Department of Electrical Engineering, Polytechnic in association with IEI and ISTE has organized an Expert Lecture on “33/11 KV Substation Equipment’s and their Functions” by Mr. Praful Shingade, Assistant Engineering MSDCL Mouda, Nagpur.

Outcomes:

- 1.Comprehensive understanding: Students developed a detailed understanding of 33/11 KV substation equipment and their functions.
- 2.Practical skills: Students learned practical skills related to the operation and maintenance of substation equipment.
- 3.Analytical skills: Students enhanced their ability to analyze, troubleshoot, and maintain substation equipment effectively.



Welcoming Guest



Delivering Lecture



Awareness “Solar Plant Scheme”



Delivering Lecture

Expert Lecture on Java Programming, 2nd Year (IT)

Objective:

The session aimed to help students understand the fundamental concepts of Java programming, its syntax, and object-oriented features. It also enabled them to apply programming logic to develop efficient and structured applications using Java.

About the Program:

On 4th January 2025, the Department of Information Technology, Polytechnic in association with IEI and ISTE organized an Expert Lecture on “Java Programming”. The session provided insights into core Java concepts such as classes, inheritance, exception handling, and file handling, along with practical demonstrations.

Outcomes:

1. Conceptual understanding: Students gained a clear understanding of Java fundamentals, object-oriented programming principles, and coding structure.
2. Practical skills: Students learned to write, debug, and execute Java programs efficiently to solve real-time problems.
3. Application development: Students enhanced their ability to design modular, reusable, and reliable software using Java programming techniques.



Welcome Guest



Group Photo



Delivering Lecture



Delivering Lecture

Expert Lecture on Cyber Security, 2nd Year (IT)

Objective:

The session aimed to help students understand the fundamental concepts of cybersecurity, various types of cyber threats, and effective protection measures. It also enabled them to analyze real-world cyber-attack scenarios and explore strategies to ensure data privacy and network security.

About the Program:

On 2nd October 2025, the Department of Information Technology, Polytechnic in association with IEI and ISTE organized an Expert Lecture on “Cyber Security”. The session provided valuable insights into current cybersecurity trends, ethical hacking techniques, and preventive security measures.

Outcomes:

1. Conceptual understanding: Students gained a strong foundation in cybersecurity principles, types of attacks, and defense mechanisms.
2. Practical skills: Students learned essential security practices such as threat detection, secure password creation, and safe browsing habits.
3. Analytical thinking: Students enhanced their ability to identify vulnerabilities, evaluate security risks, and implement effective solutions for system protection.



Welcoming Guest



Group Photo



Delivering Lecture

Expert Lecture on Java Programming, 2nd Year (CSE)

Objective:

The session aimed to help students understand the core concepts of Java programming, its syntax, and object-oriented features. It also enabled them to apply logical and analytical thinking to develop efficient and scalable applications using Java.

About the Program:

On 4th January 2025, the Department of Computer Science and Engineering, Polytechnic in association with IEI and ISTE organized an Expert Lecture on “Java Programming”. The session covered essential Java topics including classes, inheritance, interfaces, exception handling, and file operations, supported by interactive demonstrations.

Outcomes:

1. Conceptual understanding: Students gained a strong foundation in cybersecurity principles, types of attacks, and defense mechanisms.
2. Practical skills: Students learned essential security practices such as threat detection, secure password creation, and safe browsing habits.
3. Analytical thinking: Students enhanced their ability to identify vulnerabilities, evaluate security risks, and implement effective solutions for system protection.



Delivering Lecture



Group Photo



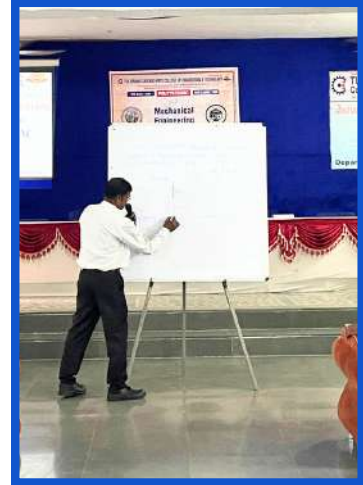
Delivering Lecture



Delivering Lecture

The Glimpses Of 2 Day's Workshop On "CNC Machine & Programming"

Mechanical Engineering Department (Polytechnic)



The Glimpses Of One Day Workshop In "Total Station"

Civil Engineering Department (Polytechnic)



Workshop on C++ and Java

Computer Science and Engineering (Polytechnic)



The Glimpses Of Workshop "PCB Circuit Drawing & Design" Using AUTOCAD

Electrical Engineering Department (Polytechnic).



Industrial Visit Organized by Mechanical Department to Heat Treat Well, Hingna

Mechanical Engineering Department (Polytechnic)

Objective:

The visit aimed to provide students with practical exposure to industrial heat treatment processes and their applications in manufacturing. It also helped students understand the functioning of various heat treatment furnaces, quality control measures, and the importance of metallurgical properties in engineering components.

About the Program:

On 4th November 2024, the Department of Mechanical Engineering, Polytechnic organized an Industrial Visit to “Heat Treat Well, Hingna.” The visit allowed students to observe different heat treatment operations such as annealing, hardening, tempering, and case hardening. The industry professionals explained process parameters, safety practices, and real-time production workflows.

Outcomes:

1. Technical understanding: Students gained knowledge of practical heat treatment techniques and their industrial relevance.
2. Industrial exposure: Students observed live industrial setups and understood the coordination between design, process, and quality units.
3. Skill development: Students enhanced their understanding of metallurgical analysis, material testing, and process optimization in industrial applications.



Industrial Visit At IT Network Infosystems Pvt Ltd

Plot 5/A, RPTS Rd, Akanksha Building, Laxmi Nagar,
Nagpur, Maharashtra 440022

Computer Science and Engineering (Polytechnic)

Objective:

The visit aimed to provide students with practical exposure to IT infrastructure management, networking systems, and cybersecurity practices. It also helped them understand how real-world IT organizations design, deploy, and maintain computer networks and enterprise-level systems.

About the Program:

On 2nd October 2024, the Department of Computer Science and Engineering, Polytechnic organized an Industrial Visit to “IT Network Infosystems Pvt. Ltd.” located at Plot 5/A, RPTS Rd, Akanksha Building, Laxmi Nagar, Nagpur, Maharashtra 440022. The visit offered students an opportunity to explore various aspects of network installation, configuration, server management, and IT support operations through live demonstrations and expert interactions.

Outcomes:

1. Technical knowledge: Students learned about practical networking setups, server configurations, and security protocols.
2. Industrial exposure: Students observed real-time IT operations, data management practices, and troubleshooting techniques used in the industry.
3. Skill enhancement: Students developed a better understanding of professional IT workflows, teamwork, and career roles in network administration and cybersecurity.



Industrial Visit organized by Civil Engineering Polytechnic Department to Vidarbha RMC Plant, Asola



Industrial Visit organized by Civil Engineering Polytechnic Department to Shiv Kailasa Township, Mihan Campus



Industrial Visit Organized by First Year Polytechnic Department at Railway Museum, Nagpur.

First Year (Polytechnic)

Objective:

The visit aimed to provide students with an understanding of the historical and technological evolution of the Indian Railways. It also helped them explore the functioning of railway systems, signaling mechanisms, and the importance of transportation engineering in national infrastructure.

About the Program:

On 2nd October 2024, the First Year Polytechnic Department organized an Industrial Visit to the “Railway Museum, Nagpur.” The visit offered students a chance to observe various railway models, antique engines, signaling instruments, and interactive exhibits depicting the development of rail transport in India. The museum staff provided valuable insights into railway operations, heritage preservation, and modern railway technologies.

Outcomes:

1. Conceptual understanding: Students gained knowledge about the working principles of rail systems and their historical significance.
2. Practical exposure: Students observed different components of railway technology and operations through real-life exhibits and demonstrations.
3. Learning enrichment: The visit enhanced students' curiosity, technical awareness, and appreciation for the evolution of transportation in India.



Industrial Visit At Maharashtra Remote Sensing Applications Centre ,VNIT Campus, S Ambazari Rd, Ambazari, Nagpur ,Maharashtra - 440011

Computer Science and Engineering (Polytechnic)

Objective:

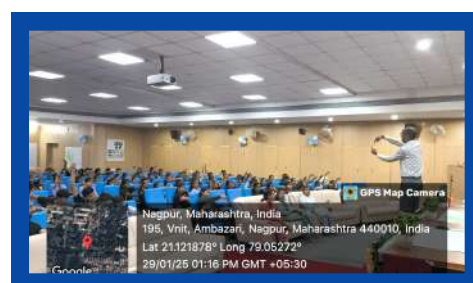
The visit aimed to enhance students' knowledge of remote sensing technologies, geographic information systems (GIS), and their applications in various engineering and research domains. It also helped students understand how satellite data is processed, analyzed, and utilized for decision-making in environmental and infrastructural projects.

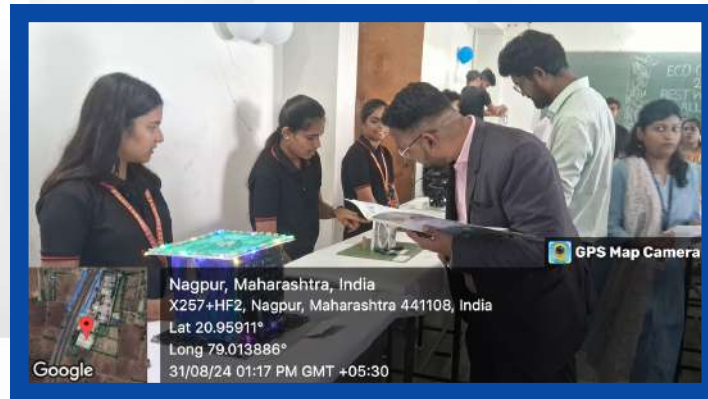
About the Program:

On 2nd October 2025, the Department of Computer Science and Engineering, Polytechnic organized an Industrial Visit to the "Maharashtra Remote Sensing Applications Centre (MRSAC)" located at VNIT Campus, S Ambazari Rd, Ambazari, Nagpur, Maharashtra - 440011. During the visit, students were introduced to real-time projects involving GIS mapping, data visualization, and remote sensing applications in areas such as agriculture, urban planning, and disaster management. Experts from MRSAC provided insights into data acquisition techniques, system architecture, and analytical tools used in geospatial technologies.

Outcomes:

1. Technical learning: Students gained an understanding of remote sensing fundamentals, satellite imagery, and GIS data processing workflows.
2. Research exposure: The visit encouraged students to explore GIS and remote sensing as potential research and career domains.
3. Practical application: Students learned how computational tools and software support the analysis and visualization of geospatial data for real-world solutions.

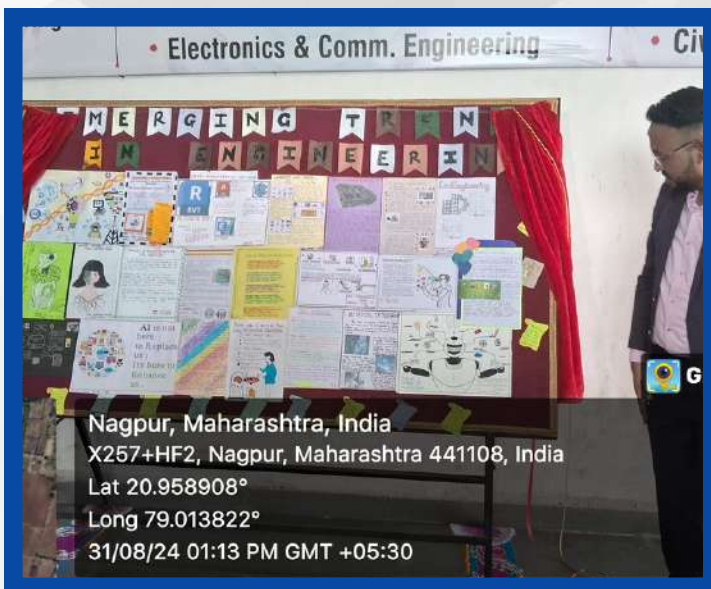




ECO CRAFTING 2K24



WALL OF MAGAZINE



AAKASH-2025

Today our college campus welcomed 120 10th standard students and their teachers for an exciting program under Aakash 2025.



Achievement



**CSE Polytechnic Students Vaishnavi Gaidhane(3rd yr CSE),
Omkar Pandhre (2nd yr CSE) , Dhruv Rode (2nd yr IT)**



**Won Second Prize in the State Level Technical Debate Competition Organizes By
Indian Society For Technical Education (ISTE) at
Government Polytechnic Gondhia**

**OUR TGPCCET
POLYTECHNIC
BOYS TEAM**



Team for winning a I Zone competition and qualify for state level Cricket tournament sponsored by the Inter Engineering Diploma Students Sports Association (IEDSSA) Pune. Organised at J D College of Engineering and Management Diploma, Nagpur

**OUR TGPCCET
POLYTECHNIC
GIRLS TEAM**



Winning a I Zone competition and qualify for state level Volleyball Tournament sponsored by the Inter Engineering Diploma Students Sports Association (IEDSSA) Pune. Organised at Government Polytechnic, Nagpur





Our TGPCET Boys Football Team

In Udaan 2K25 Organized by
Priyadarshini College Of Engineering ,Nagpur



Civil Polytechnic students Krunal Savarkar (3rd year Civil) and Harshal Mate (3rd year Civil) participated in the State Level Technical Quiz Competition organized by the Indian Society For Technical Education (ISTE) at Tulsiramji Gaikwad Patil College Of Engineering And Technology.

Achievement

FACULTY

GAS/SMOKE LEAKAGE DETECTOR & CONTROL WITH COOLING FAN



INNOVATION BY PROF. GANESH
WAKTE SECURED 2ND PLACE AT
PATENT FEST.

Handbook on ELECTRIC VEHICLE TECHNOLOGY



Dr. V. G. UMAL | Mr. GANESH D. WAKTE
Mr. A. A. DEOSANT | Miss. A. W. WAGHADKAR

MR. GANESH D. WAKTE -
HANDBOOK ON ELECTRIC VEHICLE
TECHNOLOGY



INNOVATIVE PRODUCT DEVELOPED
ON IOT-BASED HEIGHT
MEASUREMENT DEVICE



FDPs ORGANISED BY THE
DEPARTMENT
(2024-25)



PATENT GRANTED FOR PROF. NITEEN
KAKDE



BEST FACULTY AWARD TO
PROF. NITEEN KAKDE



FDP PROGRAM



NPTEL CERTIFICATE

Placements



Mr.Vansh Hande

Branch CSE Final Year Diploma



Ms.Palak Raut

Branch EE Final Year Diploma



Mr.Devanshu Urkude

Branch ME Final Year Diploma



Mr.Prajwal Ramteke

Branch CSE Final Year Diploma



Ms.Tanushree Gaikwad

Branch CSE Final Year Diploma



Mr.Pratha Khandaremesh

Branch CSE Final Year Diploma



NSS



National Service Scheme (NSS) Unit conducted Road Safety Awareness Program as a part of National Road Safety Month-2025.



Program was graced by the presence of Mr. Nitin Doifode and Mr. Viplove Tiwari, Asst. Motor Vehicle Inspector, Department of Motor Vehicles, Nagpur.

NSS



On the occasion of Martyrs' Day, National Service Scheme (NSS) Unit conducted visit to Ashraya Matimand Niwasi Mula-Mulinchi Shala, Butibori on 30th January, 2025



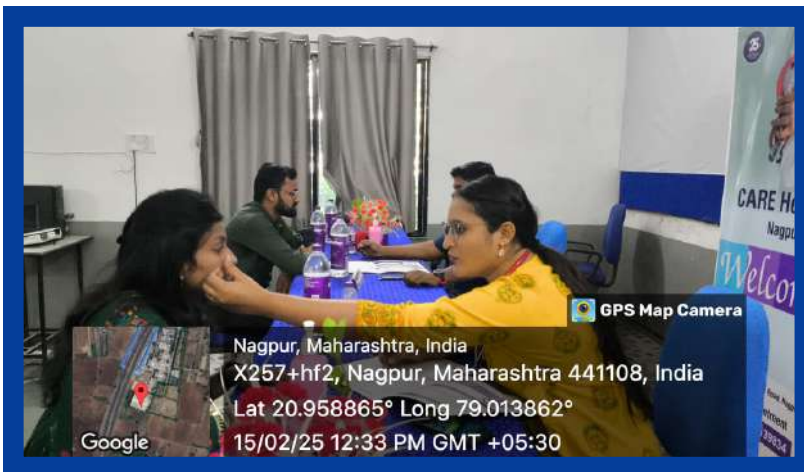
Diploma Students voluntarily participated in the activity. This outreach activity is conducted for spreading the awareness about sense of social responsibility and empathy among students by connecting them with a cause that benefits the less fortunate. On the occasion of Martyrs' Day, 2 minutes silence was observed to honour the sacrifice of martyrs and paying homage to Mahatma Gandhi.



NSS



Free health check-up camp:
HB% (CBC), TSH, random blood sugar, and
blood pressure, along with blood report and
general check-up.



In association with AYUSH Blood Centre &
Components Lab, Dhantoli, Nagpur, and
Care Hospital, Dhantoli, Nagpur.



Diploma Award Ceremony



Guests and college teachers during the programme.

Diploma award ceremony at Tulsiramji Gaikwad College

Tulsiramji Gaikwad-Patil College of Engineering and Technology (TGPCET), Polytechnic recently organised a diploma award ceremony to felicitate diploma passout students of batch 2021-22.

Kanchan Mankar (Dy secretary, MSBTE RO) Nagpur and Prof. Sanjay Nathe, director, Nathe Publication, who highlighted the significance of academic and ethical values in students' lives and the importance of the diploma award ceremony.



Nagpur, Maharashtra, India

X267+3R2, wardha road, near gaikwad patil college, Nagpur, Maharashtra 441108, India

Lat 20.960824°

Long 79.014572°

13/03/23 01:39 PM GMT +05:30



Nagpur, Maharashtra, India

X267+3R2, wardha road, near gaikwad patil college, Nagpur, Maharashtra 441108, India

Lat 20.96082°

Long 79.014606°

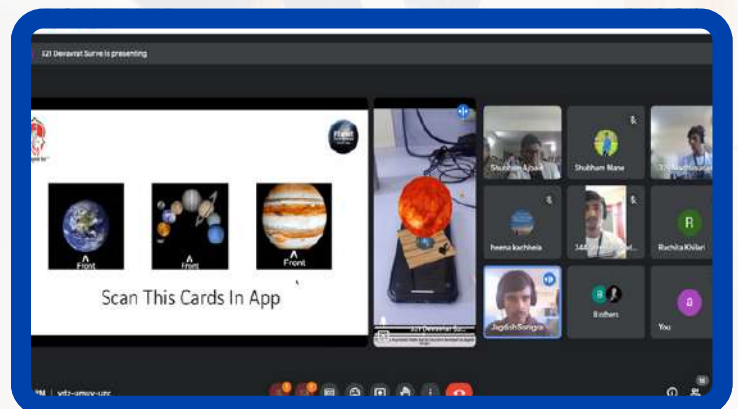
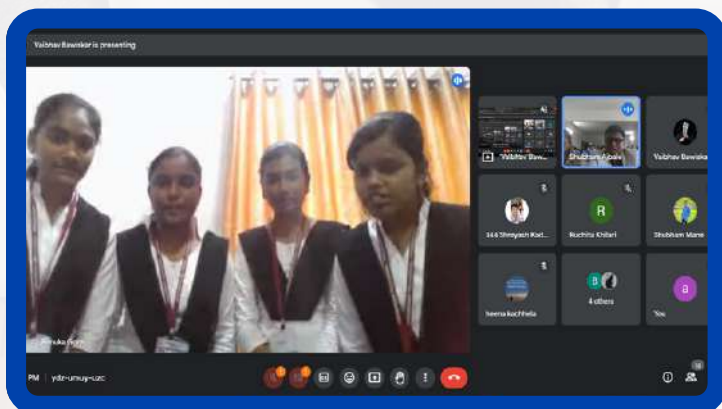
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STATE LEVEL PAPER PRESENTATION

INAUGURAL FUNCTION OF "STATE LEVEL PAPER PRESENTATION"



PRESENTATIONS OF "STATE LEVEL PAPER PRESENTATION"



Induction Program



First Year Department of Tulsiramji Gaikwad-Patil College of Engineering and Technology, Polytechnic has conducted “One Week Induction Program” for the Newly Admitted students of First Year and Direct Second Year. This program was organized with a view to welcome all the new students to the family of Gaikwad Patil Group.

POETRY

*We Are One
We laugh, we cry, we hope,
we try,
Under the same big, endless sky.
No matter where,
no matter who,
A heart that loves is always true.
A helping hand, a smile so bright,
Can turn the dark into the light.
If we are kind and stand as one,
A better world has just begun.*

*-Princy Bhagat
CSE*

*College days, a fleeting ride,
With friends and dreams by our side.
Books and notes, endless tests,
Yet moments of joy, among the stress.
Laughter shared, late-night talks,
Chasing goals through campus walks.
The future's near, but here we stand,
Learning more than we had planned.
In these years, we find our way,
A journey we'll cherish every day.*

*Komal Betal
ECE*

*In quiet moments, calm and still,
The world outside, a distant hill.
The sun sets low, the stars appear,
A peaceful night, the end is near.
The whispers of the wind grow soft,
As thoughts drift slowly, aloft.
No rush, no race, just time to be,
In silence, there's serenity.*

*-Shwet kajge
IT*

*The world is vast, yet hearts are small,
In silent grace, we hear the call.
To love, to learn, to simply breathe,
In fleeting moments, we believe.
Each step we take, a story told,
In every tear, in every fold.
The stars may fade, the dawn will break,
But love remains, for love's own sake.
Through every storm, through every night,
The soul finds strength, the heart finds light.*

*-Gungun Prajapati
CE*

*The Power of Knowledge
Books and lessons, day by day,
Fill your mind in every way.
Questions spark and answers shine,
Knowledge grows like a steady vine.
So read, explore, and never fear,
Each new fact will make things clear.
For in your hands, the future lies,
Dream big, reach high, and touch the skies!*

*Mayur Balpande
EE*

कक्षाओं में हम पढ़ते हैं, सपने संजोते हैं,
रातें जागकर हम, मंज़िल को जोड़े हैं।
कॉफी के कप, किताबों का साथ,
हर मुश्किल से लड़ते, बढ़ते हैं हम साथ।

लैब में हम सीखते, दोस्ती का रंग,
सपनों की ऊँचाई तक हम पहुँचते हैं संग।
मेहनत और संघर्ष हमारा साथी है,
कॉलेज जीवन, हमारी असली राह है।

-Shreya Mate
EE

Lecture Hall Chronicles
Rows of seats, a silent hush,
Professor speaks — our minds must rush.
Pens are scribbling, notes take shape,
Yet some still dream, wide awake.
The clock ticks slow, the hours drag,
Eyes glance down at the coffee tag.
The bell then rings, we breathe so free,
Another lecture — history!

-Himanushu Yadav
ME

The College Journey
From anxious steps on the very first day,
To memories made along the way.
Lessons learned, both big and small,
Friendships formed that stand so tall.
Late-night studies, coffee in hand,
Dreams and goals, a future planned.
Through highs and lows, we learn and grow,
A world of wisdom starts to show.
So here's to college, a time so bright,
A guiding star, a beacon light.

-Umesh Bopche
EE

Beyond the Walls
Within these walls of brick and light,
We chase our dreams from dawn till night.
The echoes of a thousand minds,
Weaving stories, hold designs.
Laughter rings in crowded halls,
Friendships carved on library walls.
Books and lessons, trials too,
Shaping paths both old and new.
Failures teach, success inspires,
Passions burn like campus fires.
Every class, each sleepless fight,
Guides us toward a future bright.
One day soon, we'll bid goodbye,
With hearts that soar, with dreams that fly.
Yet this place, in memories deep,
Forever ours, forever keeps.

-Himesh Rakas
CSE

Friends Like Family

*A stranger once, now a friend so true,
Through assignments tough, we push
through.*

*Laughs in canteens, walks so long,
In every moment, we belong.
From first-year nerves to final days,
We stand together in countless ways.
No matter where life leads us on,
The bond of college will never be gone.*

**-Sanjeevani Budhe
ME**

Exam Season Blues

*The nights grow long, the books pile high,
The syllabus stares with a mocking sigh.
Pages turn, the mind feels numb,
The toughest times are yet to come.
But with one sip of coffee strong,
We push ahead, we move along.
The battle's tough, but we survive,
And in the end, we thrive, we strive.*

**-Sanidhya Tidke
ME**

The College Canteen

*The place where stories always brew,
Where food is less, but talks are new.
Laughter echoes, chai is poured,
Friendships flourish, stress ignored.
From heated debates to jokes so light,
The canteen glows with joy so bright.
A home away from home it stays,
A haven through our college days.*

**-Disha Pistulkar
IT**

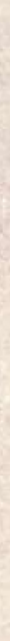
The Farewell Song

*The time has come, the day feels near,
We leave behind a place so dear.
Halls once filled with endless cheer,
Echo now with memories clear.
The future calls, yet hearts stay back,
In every smile, a tiny crack.
But college days won't fade or stray,
They live in us, in every way.*

**-Shreya Mate
EE**

ARTICLE

My Journey with the Digital Marketing Team



A MEMORABLE CHAPTER OF MY LIFE

A New Beginning :

It all started when I entered my second year of CSE. Back then, I was just another curious student eager to explore new opportunities. Joining the digital marketing team was one such opportunity that caught my attention. I had absolutely no experience in this field, and frankly, I didn't even know what digital marketing was all about. But I was eager to learn, and that's what mattered. When I joined the team, I was the newbie. I felt nervous and clueless, wondering if I'd be able to contribute anything valuable. But my seniors were incredibly supportive. They took me under their wings, patiently teaching me everything from brainstorming creative content ideas to creating engaging reels. Their guidance and encouragement made me feel like I belonged.



*enjoy
every
moment.*



Bidding Farewell to My Seniors :

After completing one year in the team, it was time to say goodbye to my seniors. This was one of the most emotional moments for me. They were not just teammates; they were mentors and friends who had played a significant role in shaping my journey. I remember the farewell party we organized for them—it was a mix of tears and laughter. We shared stories, played games, and even created a farewell reel to celebrate their contributions. With their departure, a new chapter began. As one of the senior members of the team, I now had the responsibility of mentoring the newcomers. It felt surreal to step into the shoes of those who had once guided me. I did my best to pass on the knowledge and experiences I had gained, ensuring that the legacy of our team continued.

The Final Year :

Now, as I approach the end of my journey with the digital marketing team, I find myself overwhelmed with emotions. These two years have been a rollercoaster ride of experiences that I will cherish forever. From sleepless nights spent editing videos to brainstorming sessions filled with wild ideas and endless cups of coffee, every moment has been special. One particularly hilarious memory from this year was when we attempted to shoot a promotional video in the canteen. Let's just say it didn't go as planned. The background was noisy, people kept walking into the frame, and one of our team members accidentally spilled coffee on the script! Despite the chaos, we managed to turn the situation around and create a bloopers reel that everyone loved.

Learning and Growing:

The initial days were a whirlwind of activity. We worked on numerous projects together, creating content that resonated with students across the college. I still remember the first time one of our reels went viral. It felt surreal to see everyone in college talking about our work. That's when I realized the power of creativity and collaboration. Of course, it wasn't always smooth sailing. For every piece of content that succeeded, there were several that didn't make the cut. I faced my fair share of rejections and constructive criticism. But instead of getting disheartened, I used these moments as opportunities to learn and improve. Each rejection taught me something new, whether it was about understanding the audience better or refining my ideas. One of the funniest moments I can recall was during a photoshoot for a festival campaign. We had planned to capture candid shots of students enjoying the event. But instead of getting candid moments, we ended up with a series of awkwardly posed photos because everyone became camera-conscious the moment they saw us. We laughed so much while sorting through those photos later, realizing how far we had come in understanding the art of storytelling through visuals.

Gratitude and Goodbye :

As I prepare to say goodbye to the team, I feel a deep sense of gratitude. Thank you to everyone who has been a part of this journey—my seniors, juniors, teammates, and especially the head of digital marketing team. You all have made these two years an incredible learning experience and a treasure trove of memories. While it's hard to let go, I know that the lessons and skills I've gained will stay with me forever. Being a part of the digital marketing team has not only helped me grow professionally but also shaped me as an individual. It taught me the value of teamwork, resilience, and creativity. To my juniors who will carry the torch forward: embrace every moment, learn from every challenge, and most importantly, have fun. These will be some of the best years of your life.

Vedant R. Moraskar
VEDANT MORASKAR
(3rd YEAR CSE)

ARTICLE

Here are some the most fascinating yet Bizarre Superstitions:-



THEY SAY,

1. Don't shake your legs , they shake away wealth.

In India the elderly often scold younger ones for shaking their legs so often, they believed that shaking your legs indicate instability and can push away wealth or many more silver opportunities. i mean why, does it even make sense...

2. Black cats and unlucky paths.

People here believed that if a black cat crosses your path while you're on your way to somewhere, they make it unlucky..(like just by crossing the path).

some even wait for another person to pass through the imaginary line that the black cat made for them to not get their journey doomed

3. Don't sweep in the house in the evening.

In India it is widely believed that sweeping the house after sunset drives away goddess Lakshmi which is the deity of wealth, also tends to bring financial instabilities to the household.

some also believed that sweeping houses in the evening or night disturbs spirits.

That's more much of how i gave the relations , but what actually superstitions are Here we go ...

Superstition is a belief in supernatural causality where certain objects or moments are counted as in a good or bad sign without any scientific reason and nothing but the fear of society.

Superstitions are passed through generations and vary across different cultures.

Do you believe in any superstitions ...

4. Twitching of left eye predicts the future.

In Indian astrology, an eye twitches is believed to have significant meaning, even I have grown up listening or being asked to believe this kind of stuff. the twitching of right eye is good sign, and the twitching of the left eye is a bad sign. also superstitions are superstitioning when i learned the meaning are reversed for women.

5. Breaking a mirror brings 7 years of bad luck.

This superstition exists in India , it is believed that breaking a mirror tends to be a bad luck. and the reason is that the belief is mirrors are related to ones soul and breaking one is thought to damage one's spiritual well being , I being an Indian household kid have heard this alot but not them knowing i have broken several mirrors and i did not relatively think or notice that it brought me bad luck

Coming to the point scientifically,

for believers, superstitions can create a placebo effect where expecting good luck improves confidence whereas excessive belief of such non-scientific superstitions can also lead to anxiety and irrational fears .

Also , superstitions continue to influence societies in India or even across oceans and worldwide , whether the bring comfort or simply serve fun traditions, they remain deeply embedded in human psychology and history.

Samruddhi Meshram
SAMRUDDHI MESHAM
(2nd YEAR ME)

ARTICLE

Environmental Issue



Over the past few decades, environmental challenges have grown more pressing, affecting human health, ecosystems, and the world economy. One of the most urgent problems of our day is global warming, which is brought on by greenhouse gas emissions from industrial processes, deforestation, and the combustion of fossil fuels

Millions of people's livelihoods are at jeopardy due to the increased extreme weather, rising sea levels, and disruptions in food production brought on by global warming. Another major problem is pollution, which can take many different forms, such as contamination of the air, water, and land.

Poor waste management, runoff from agriculture, and industrial operations all contribute to the deterioration of our natural resources. For instance, contaminated water sources can cause major health emergencies, while air pollution is linked to respiratory illnesses and early death.

Millions of plant and animal species are in danger due to habitat destruction, overexploitation, and climate change, making biodiversity loss another major problem. In addition to upsetting ecosystems, the loss of species reduces the essential services that they offer, like carbon sequestration, pollination, and water purification

An coordinated strategy is required to address these environmental problems. This covers conservation, sustainable agriculture, and the switch to renewable energy sources.

In order to inspire individuals and communities to take action, public awareness and education are crucial to fostering a culture of sustainability.

In conclusion, governments, businesses, and individuals work together to overcome environmental problems. We may work to create a healthy planet for coming generations by emphasizing sustainability and resource management.



Himanushu Yadav
(ME)

ARTICLE

Artificial Intelligence in Cybersecurity



Artificial Intelligence (AI) is becoming a vital part of cybersecurity, transforming how organizations safeguard their digital assets. AI involves machines that simulate human intelligence, enabling them to think and learn. In cybersecurity, AI enhances the detection, response, and mitigation of cyber threats.

LIMITATIONS

Despite all these benefits of AI in cybersecurity, it is not without its drawbacks. One major threat is adversarial attacks where cyber criminals exploit weaknesses in AI systems to bypass security controls. Additionally, good quality data with which AI operates hinges on its capabilities; low quality or biased inputs may lead the AI to fail in making precise threat assessments. Ethical factors also emerge while considering privacy issues and surveillance factors, where the business needs to balance its use of AI not by violating individual privacy rights. In addition, there is a wide skills gap in the labor market. Many professionals within the fields lack the capabilities to operate and manage AI-driven cybersecurity solutions.

ADVANCEMENTS

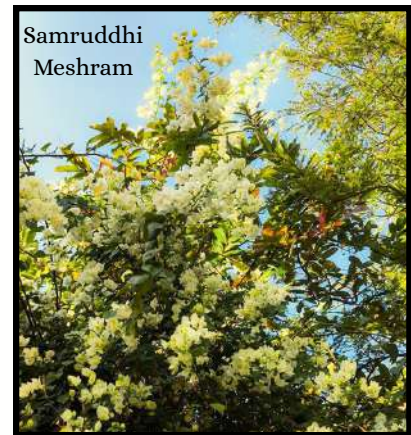
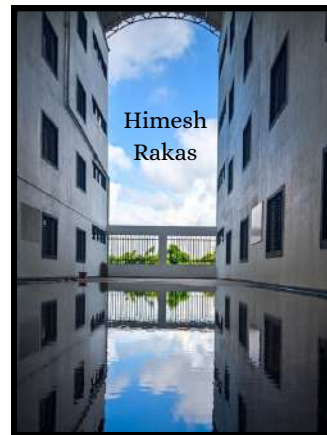
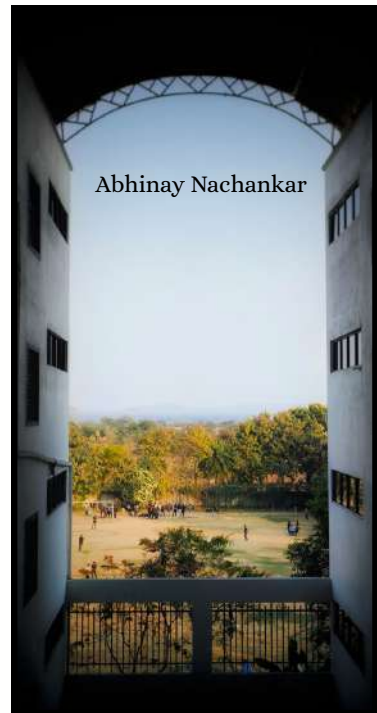
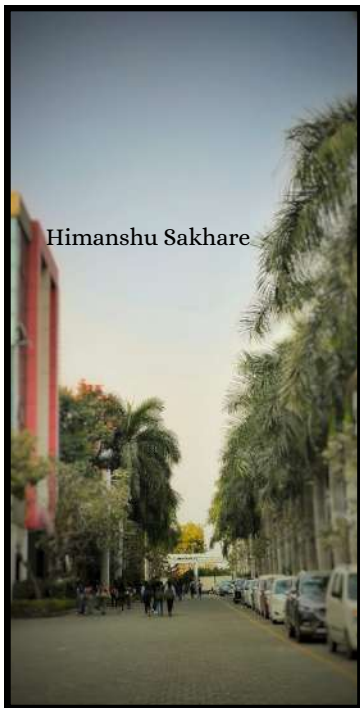
AI has facilitated the detection of threats by screening a large volume of data to spot trends and anomalies that could hint at a cyber security breach. This also helps in faster identification of possible threats than the traditional method. Furthermore, AI allows for automation in incident response; this means it lets organizations respond to threats more directly, which keeps the potential impact of cyber attacks limited. The learning ability of AI ensures that such systems are capable of learning new threats as they come up, and therefore the systems are better in the long run.

Ayush Mandwe
AYUSH MANDWE
(2nd YEAR ME)

SPORTS ACTIVITIES



PHOTOGRAPHY



Kunal Hajare



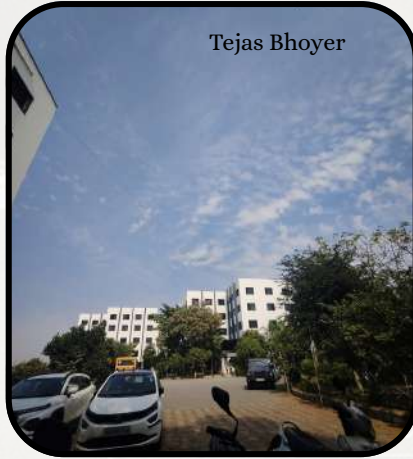
Komal Betal



Anjel Singh



Tejas Bhoir



Pragati Burade



Yamini Yelne



Princy Bhagat



Kunal Sawarkar





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PREMIUM 400



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Farewell



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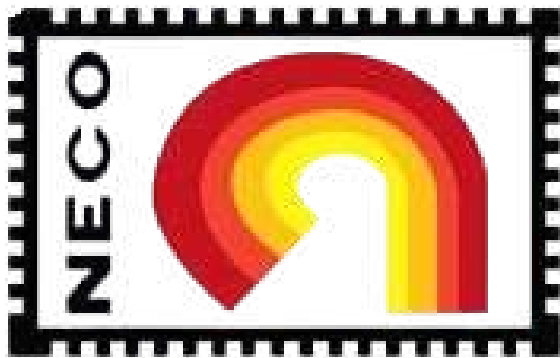


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Former MP & Member Planning Commission of India

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Hon'ble Shri. Nitinji Gadkari
Former Cabinet Minister
Road Transport and Highways Shipping, Govt. of India

"Good quality of education and good dedicated management."



Hon'ble Shri. Raju Shetty
MP, Farmers' Leader

"ये एंग्रिक जरा तनका दिखवाई देता है।
वो खेतीवा से मिलाने से दिखवाई देता है।"



Hon'ble Dr. Vilas Sapkal
Former Vice Chancellor, RTM Nagpur University

"The management is visionary and professional in nature. The facilities are up to the mark. The discipline is very good and faculties are dedicated."



Hon'ble Dr. Satish Wate
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