



DTE Code: 4151

MSBTE Code: 1683

TULSIRAMJI GAIKWAD-PATIL
College of Engineering & Technology

Approved by AICTE, Recognized by Govt. Maharashtra & Affiliated to MSBTE, Mumbai

— POLYTECHNIC —



GAIKWAD-PATIL
GROUP OF INSTITUTIONS



M A G A Z I N E

K A L E I D O

**S
C
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E**

2025

VISION

MISSION

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

Our Inspiration



LATE SHRI. TULSIRAMJI GAIKWAD-PATIL

(1st April 1915-18 July 1986)

The Gaikwad-Patil Group derives its inspiration from Late Shri. Tulsiramji Gaikwad-Patil, the grandfather of the Chairman of the Group, Dr. Mohan Gaikwad-Patil. A man far ahead of his times, Shri. Tulsiramji Gaikwad-Patil was primarily an agriculturist, but also a true connoisseur with many varied interests. One of his passions was education. This visionary bucked the trend of sending sons into agriculture and ensured excellent education for his children and grandchildren. It was his foresight that took the family from being rural landlords to urban, uber-class professionals and entrepreneurs. It would not be far wrong to say that the real foundation of the Gaikwad-Patil Group was laid by Shri. Tulsiramji Gaikwad-Patil's ability to look into the future.

In the near future, the GPGI is poised to become one of the best and most dynamic institutions which will cater to varied educational needs of the increasingly bustling region of Vidarbha. With the ever increasing levels of competition in the education sector, there is always an opportunity of moving beyond expectations, creating new milestones and benchmarks.

VISIONARY

DR. MOHAN GAIKWAD-PATIL

Chairman, Gaikwad-Patil Group



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.

MR. AKASH GAIKWAD-PATIL

Vice-Chairman, Gaikwad-Patil Group



"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.

VISIONARY

DR. ANJALI GAIKWAD-PATIL

President, Gaikwad-Patil Group of Institutions



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.

DR. SANDEEP GAIKWAD-PATIL

Treasurer, Gaikwad-Patil Group of Institutions



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.

VISIONARY

DR. P. L. NAKTODE

Principal, Tulsiramji Gaikwad-Patil College of Engineering and Technology



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.

PROF. PRAGATI PATIL

Vice-Principal, Tulsiramji Gaikwad-Patil College of Engineering and Technology



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.

VISIONARY

DR. GEETA PADOLE-GAIKWAD

Director(Admission), Tulsiramji Gaikwad-Patil College of Engineering and Technology



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. NITEEN KAKADE

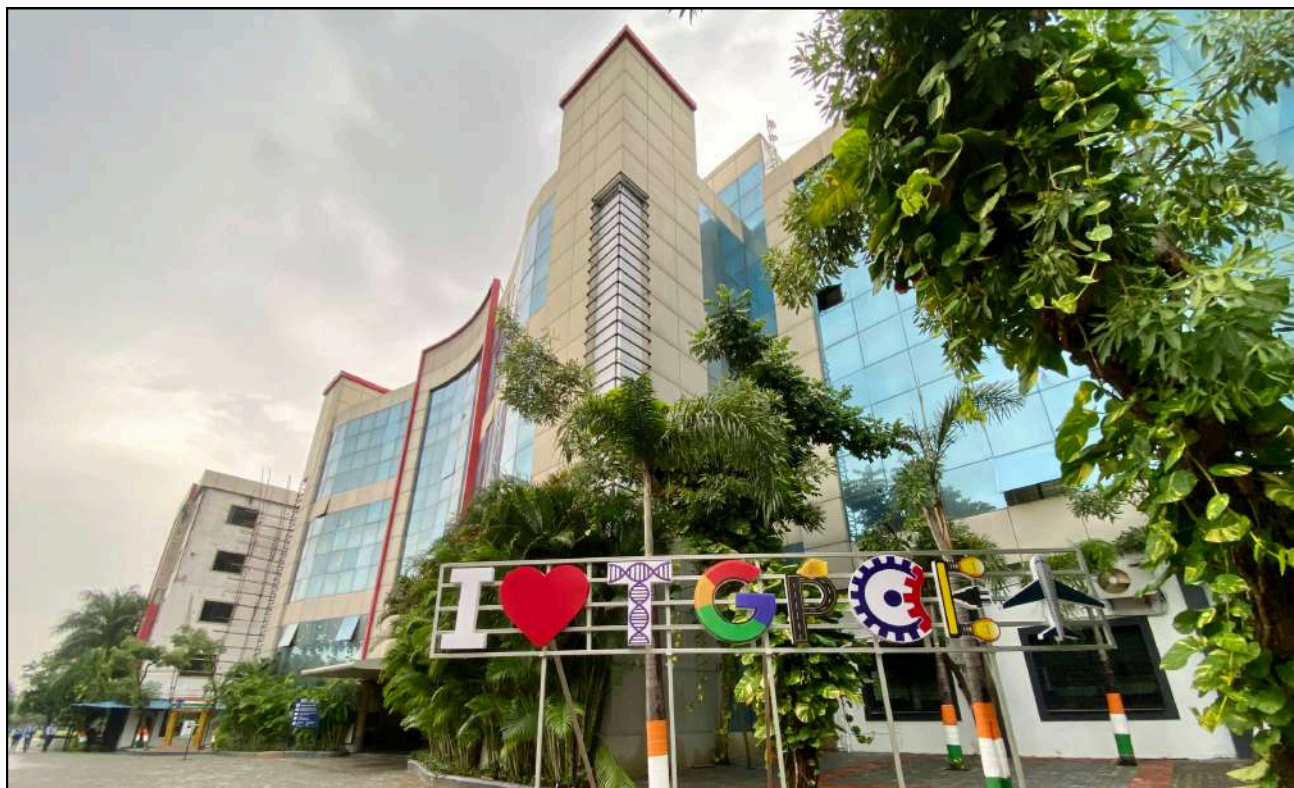
Dean, Tulsiramji Gaikwad-Patil College of Engineering and Technology POLYTECHNIC



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 develop the department as a center of excellence in the domain of Electrical Engineering for imparting quality technical education to produce competent Engineers."

MISSION

"To Impart Quality Technical Education In The Field Of Computer Science & Engineering & Develop the Skills Through Modern Teaching Learning Methods In The Resourceful Surroundings To Produce Employable Engineers For The Industries."

PROGRAM OUTCOMES (PO)

1. Basic and Discipline specific knowledge: Apply knowledge of basic mathematics, science and engineering fundamentals and engineering specialization to solve the engineering problems.
2. Problem analysis: Identify and analyze well-defined engineering problems using codified standard methods.
3. 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.
4. Engineering Tools, Experimentation and Testing: Apply modern engineering tools and appropriate technique to conduct standard tests and measurements.
5. Engineering practices for society, sustainability and environment: Apply appropriate technology in context of society, sustainability, environment and ethical practices.
6. 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.
7. Life-long learning: Ability to analyze individual needs and engage in updating in the context of technological changes.

PROGRAM SPECIFIC OUTCOMES(PSO)

- The Computer Engineer will able to provide specific solution to problems in software domain with use engineering tools and technology.
- The Computer Engineer will apply knowledge, technique and professional skill for real time operation and maintenance of computer hardware & networking.

PROGRAMME EDUCATIONAL OBJECTIVES (PEO's)

- PEO1: To demonstrate problem solving skills that enables them to successful professional.
- PEO2: Able to analyze, formulate and solve real life problems and functions in a professional environment.

ELECTRICAL ENGINEERING DEPARTMENT

VISION

"To develop the department as a center of excellence in the domain of Electrical Engineering for imparting quality technical education to produce competent Engineers."

MISSION

"To conversant the students with subject knowledge and recent technologies in the domain of Electrical Engineering by providing learning environment to face societal issues as well as challenges of respective field."

PROGRAM OUTCOMES (PO)

1. Basic and Discipline specific knowledge:

Apply knowledge of basic mathematics, science and engineering fundamentals and engineering specialization to solve the engineering problems.

2. Problem analysis: Identify and analyze well-defined engineering problems using codified standard methods.

3. 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.

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

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

6. 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.

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

PROGRAM SPECIFIC OUTCOMES(PSO)

- Electrical Equipment: Maintain various types of rotating and static electrical.
- Electric Power Systems: Maintain different types of electrical power systems.

PROGRAMME EDUCATIONAL OBJECTIVES (PEO's)

- PEO1: Provide socially responsible, environment friendly solutions to Electrical engineering.
- PEO2: Adapt state-of-the-art Electrical engineering broad-based technologies to work in.
- PEO 3: Solve broad-based problems individually and as a team Member communicating effectively in the world of work.

MECHANICAL ENGINEERING DEPARTMENT

VISION

"To Develop the department as a premier center for imparting quality technical education in the domain of Mechanical Engineering to satisfy the society demand and produce industry ready Mechanical Engineers."

MISSION

"To disseminate Technical knowledge & skills in the conducive atmosphere to produce competent Mechanical Engineers by strengthening Industry Institute Interaction."

PROGRAM OUTCOMES (PO)

1. Basic and Discipline specific knowledge:

Apply knowledge of basic mathematics, science and engineering fundamentals and engineering specialization to solve the engineering problems.

2. Problem analysis: Identify and analyze well-defined engineering problems using codified standard methods.

3. 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.

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

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

6. 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.

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

PROGRAM SPECIFIC OUTCOMES(PSO)

- Modern Software Usage: Use latest mechanical related software for simple design, drafting, manufacturing, maintenance and documentation of mechanical components and processes.
- Maintenance and selection of machines, equipment, instruments: Maintain and select appropriate machine, equipment and instrument in field of Mechanical Engineering.
- 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)

- PEO1: Provide socially responsible, environment friendly solutions to Electrical engineering
- PEO2: Adapt state-of-the-art Electrical engineering broad-based technologies to work in
- PEO 3. Solve broad-based problems individually and as a team Member communicating effectively in the world of work.

CIVIL ENGINEERING DEPARTMENT

VISION

"To develop the department as a center of excellence in the field of civil engineering to impart quality technical education to produce competent civil engineers."

MISSION

"To disseminate knowledge of civil engineering by motivating the students to follow teaching learning methods in order to achieve high professional skills and moral values."

PROGRAM OUTCOMES (PO)

1. Basic and Discipline specific knowledge:

Apply knowledge of basic mathematics, science and engineering fundamentals and engineering specialization to solve the engineering problems.

2. Problem analysis: Identify and analyze well-defined engineering problems using codified standard methods.

3. 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.

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

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

6. 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.

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

PROGRAM SPECIFIC OUTCOMES(PSO)

- Construct, and maintain roads, bridges, irrigation structures and buildings.
- Use appropriate techniques to test the civil engineering materials.

PROGRAMME EDUCATIONAL OBJECTIVES (PEO's)

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

EDITORIAL BOARD



CO-ORDINATOR
MS.HEENA KACHHELA



CO-ORDINATOR
MS.SNEHA BHANGE



PRESIDENT
VEDANT MORASKAR



VICE PRESIDENT
ANKUSH BADNAWARE

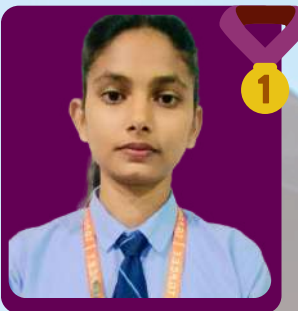


SECRATORY
HIMANSHU SAKHARE

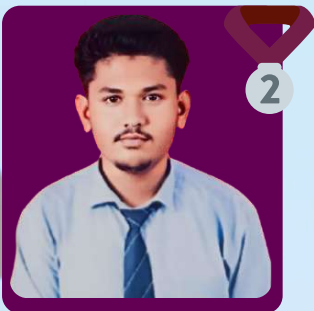


MEMBER
AYUSH MANDWE

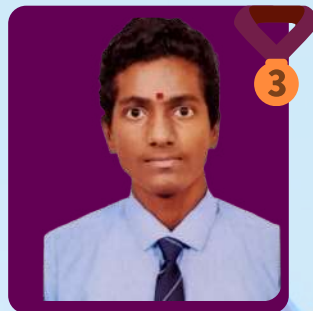
COMPUTER SCIENCE AND ENGINEERING 2nd Year



Arya Upawanshi
83.41%



Ayush Mandwe
75.29%

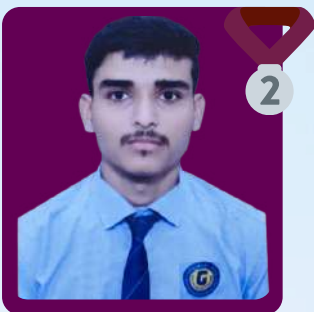


Omkar pandhare
70%

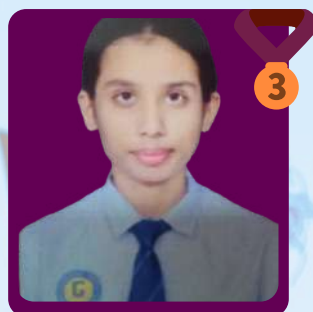
COMPUTER SCIENCE AND ENGINEERING 3rd Year



Raj Kavthekar
88.00%



Lalit yadav
86.89%



Dhanishtha Deshpande
83%

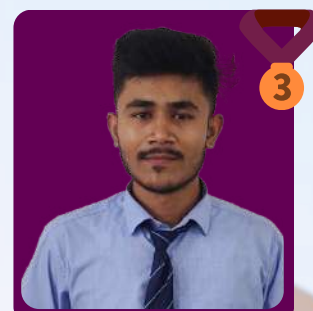
ELECTRICAL ENGINEERING 2nd Year



Sanjeevani Budhe
75.29%



Shreya Mate
75%



Abhay Ghayade
75%

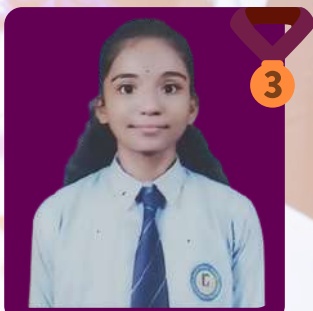
ELECTRICAL ENGINEERING 3rd Year



Sanidhya Tidke
80.9%



kunal Chaure
79.8%



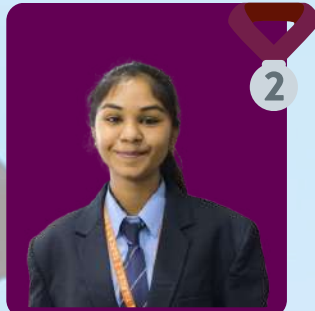
Disha Pistulkar
78.9%

T O P P E R S

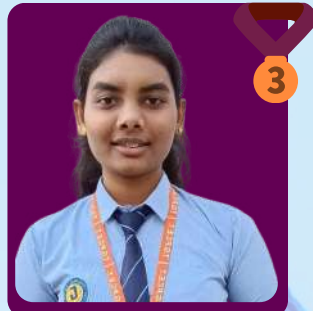
CIVIL ENGINEERING 2nd Year



Vivek Ahirkar
80.00%



Gungun Prajapati
79.41%

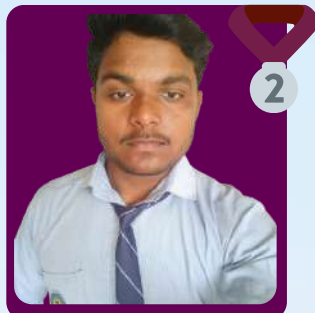


Purva Satpute
77.88%

CIVIL ENGINEERING 3rd Year



Harshal Mheta
79.10%



Durvesh Bagade
75.00%

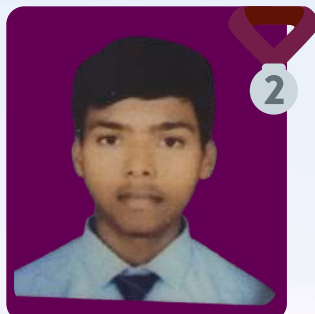


Avanshika Hinwante
72.50%

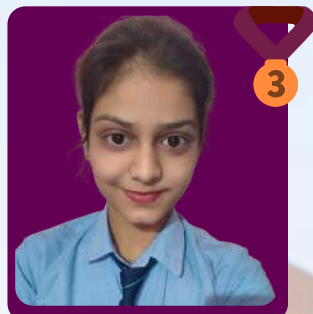
MECHANICAL ENGINEERING 2nd Year



Akhil Kujur
82.33%



Radheshyam Guram
80.22%



Yamini Yelne
71.89%

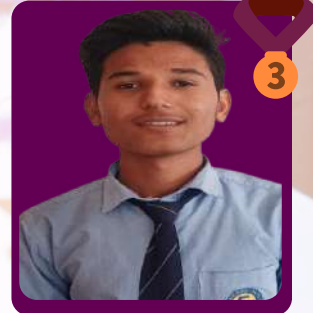
MECHANICAL ENGINEERING 3rd Year



Himanshu Yadav
80.57%



Pranav Gautam
80.48 %



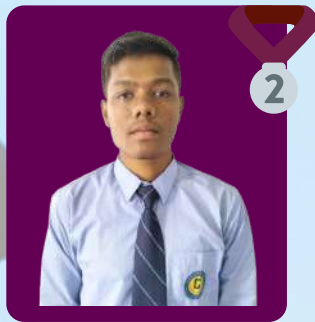
Umesh Bopche
79.33%

T O P P E R S

ELECTRONICS ENGINEERING 2nd Year



Komal Betal
73.25%

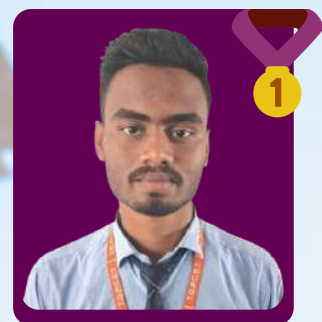


Ashish Hanvate
71.11%

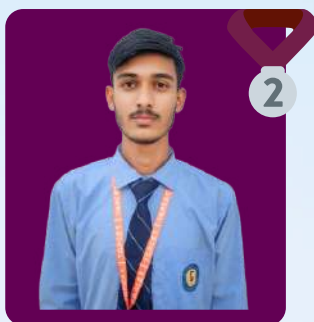


Sejal Patle
70.22%

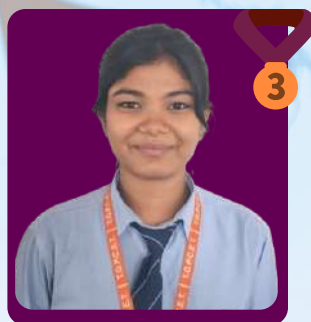
INFORMATION TECHNOLOGY ENGINEERING 2nd Year



Dikshant Raut
78%

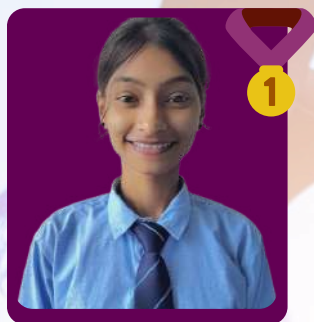


Lucky Nikule
73.65%



Sejal Thakare
69.18%

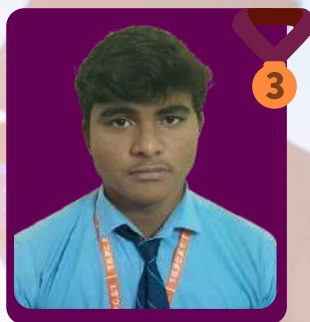
DEPARTMENT OF SCIENCE & HUMANITIES



Purva Nerkar
84.47%



Sanskruti Bale
83.65%



Nagaswaroop Poturi
83.65%

T
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INSTITUTE OF MEDIA

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



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



2024

नागपूर विशेष

दैनिक विदर्भ कल्याण

तुळशीराम जी गायकवाड पाटील कॉलेज येथे तांत्रिक कार्यशाळे

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

MOST VALUABLE ADVANCED JAVA PROGRAMMING SKILLS

Nagpur : Recently Computer Science and Engineering Department of Tulshiramji 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 stu-



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

EXPERT LECTURE



Expert Lecture On Java Programming FOR 2nd Year (CSE)



Expert Lecture On Java Programming FOR 2nd Year (IT)



EXPERT LECTURE



Expert lecture on "33 KV Substation and their Functions "

FOR
2nd Year (EE)



Expert Lecture On Cyber Security

FOR
2nd Year (IT)





WORKSHOP ON C++ AND JAVA

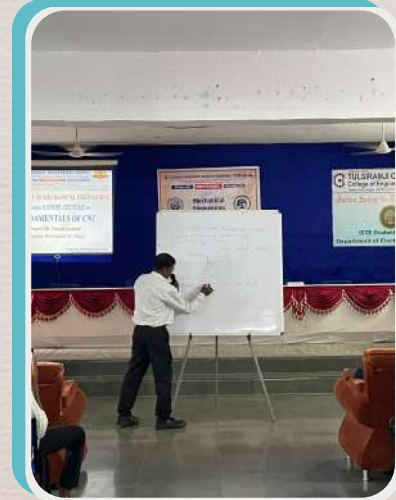
Computer Science and Engineering(Polytechnic)





THE GLIMPSES OF 2 DAY'S WORKSHOP ON "CNC MACHINE & PROGRAMMING"

Mechanical Engineering Department (Polytechnic).





THE GLIMPSES OF ONE DAY WORKSHOP ON "TOTAL STATION"

Civil Engineering Department (Polytechnic).



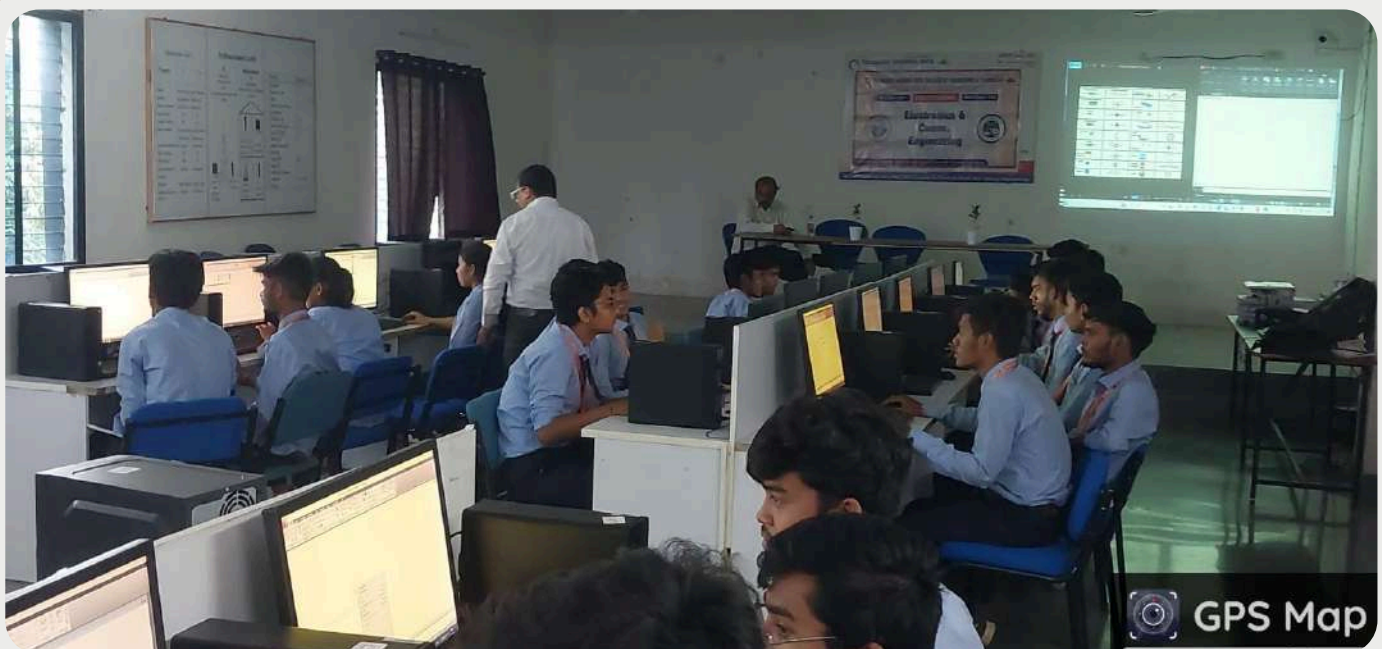
Nagpur, Maharashtra, India

X957-bf2 Nagpur, Maharashtra 441108 India



THE GLIMPSES OF WORKSHOP "PCB CIRCUIT DRAWING & DESIGN USING AUTOCAD"

Electrical Engineering Department (Polytechnic).



INDUSTRIAL VISIT

Computer Science and Engineering(Polytechnic)



Industrial Visit At **IT Network Infosystems** Pvt Ltd
Plot 5/A, RPTS Rd, Akanksha Building, Laxmi Nagar, Nagpur,
Maharashtra 440022



INDUSTRIAL VISIT

Computer Science and Engineering(Polytechnic)



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



INDUSTRIAL VISIT

First Year (Polytechnic)



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



INDUSTRIAL VISIT

Mechanical Engineerin(Polytechnic)



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



INDUSTRIAL VISIT

Civil Engineering(Polytechnic)



INDUSTRIAL VISIT organized by Civil Engineering Polytechnic Department to **Vidarbha RMC Plant, Asola**

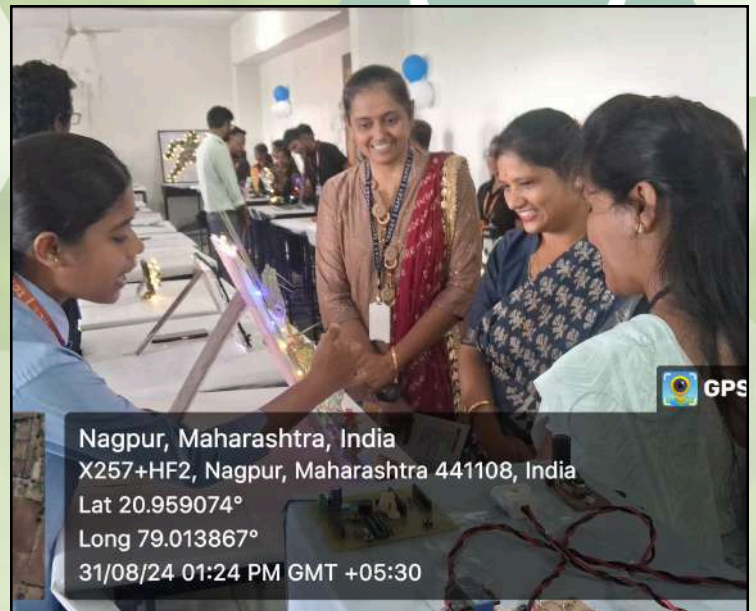


Dahegaon, Maharashtra, India

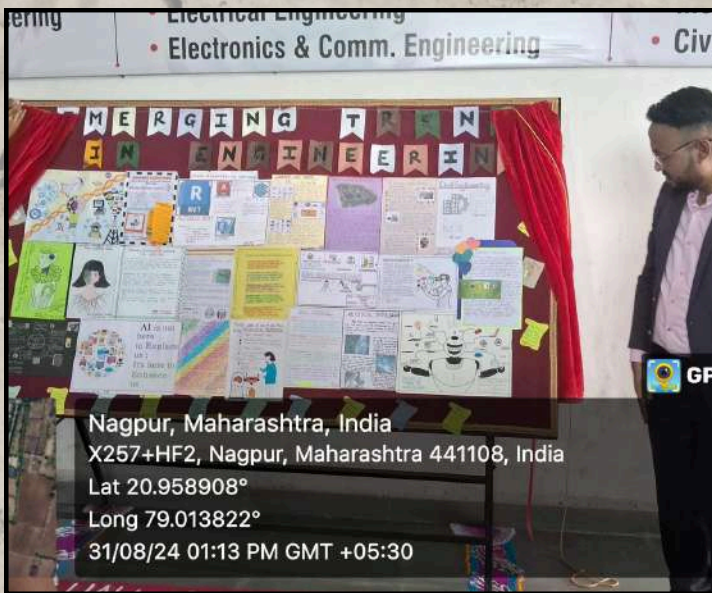
INDUSTRIAL VISIT organized by Civil Engineering Polytechnic Department to **Shiv Kailasa Township, Mihan Campus**



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 TGPCET 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 TGPCET 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 Won the First Prize

In Udaan 2K25

Organized by

Priyadarshini College Of Engineering ,Nagpur



Civil Polytechnic Students Krunal Savarkar (3rd yr Civil) & Harshal Mate (3rd yr Civil)

Won Second Prize in the State Level Technical Quiz Competition

Organizes By

Indian Society For Technical Education (ISTE) at

Tulsiramji Gaikwad Patil College Of Engineering And Technology

PLACEMENT



Mr.Vansh Hande
Branch CSE Final Year Diploma



Ms.Palak Raut
Branch EE Final Year Diploma



Mr.Devanshu Urkude
Branch CSE 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



Today National Service Scheme (NSS) Unit conducted Road Safety Awareness Program as a part of National Road Safety Month-2025 from 4:00 pm at JRD Tata Hall.



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 and Department of Aeronautical Engineering conducted visit to Ashraya Matimand Niwasi Mula-Mulinchi Shala, Butibori on 30th January, 2025

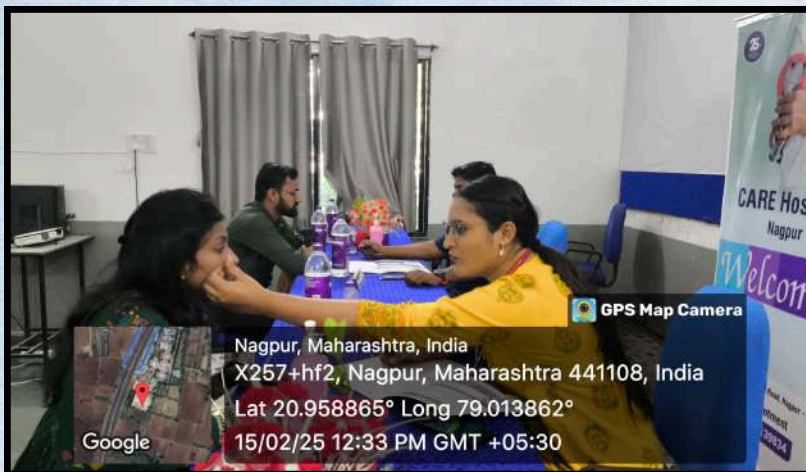


Total 40 students from B.Tech. (Aeronautical Engineering) voluntarily participated in the activity. This outreach activity is conducted for spreading the awareness about sense of social responsibility and empathy among students by connecting them with a cause that benefits the less fortunate. On the 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 &
B.P. WITH BLOOD REPORT &
GENERAL CHECK-UP



In Association With
AYUSH BLOOD CENTRE &
COMPONENTS LAB, DHANTOLI, NAGPUR
& 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, recognise toppers of winter-2022 exams, and appreciate the winners of the poster competition 'Zest 2K23'. The event began with the lighting of the lamp by the dignitaries, followed by opening remarks

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 academic syllabus in various government exams.

The event was coordinated by Vipin Muley (HOD EE) and Prachi Bhimte, lecturer, CE, and served as a platform

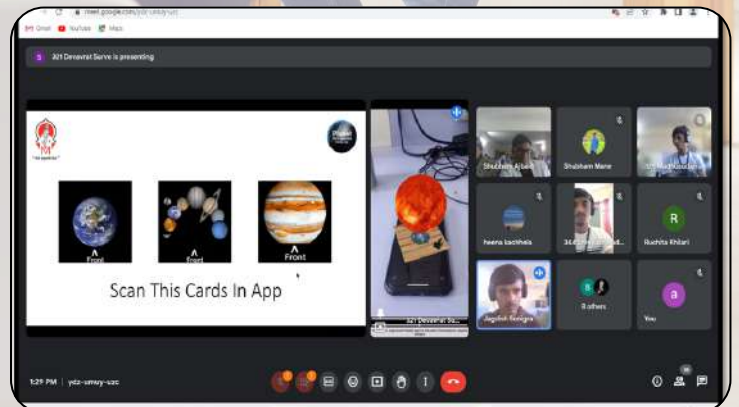
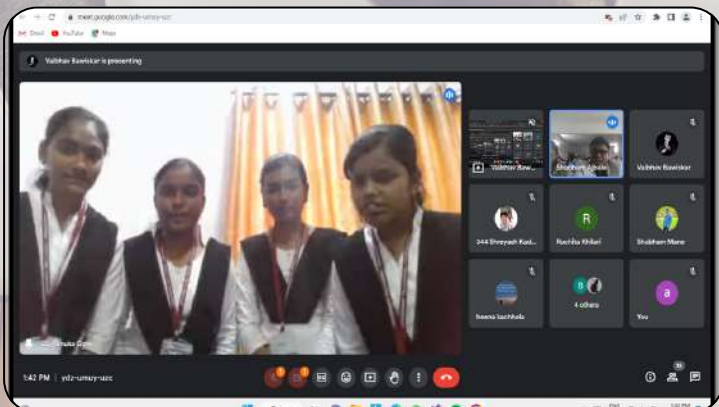


STATE LEVEL PAPER PRESENTATION

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.

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.

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.

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.

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!

कॉलेज लाइफ - हंसी के पल
कॉलेज लाइफ है मजेदार,
कभी सोते, कभी करते बेतुके ख्याल यार!
दोस्त भूखे, लेकिन हैं सुपर-खुश,
कभी पढ़ाई, कभी मस्ती में सबकुछ है खुश!
ऑनलाइन एग्जाम, गूगल का सहारा,
कभी कुछ न समझा, फिर भी पास हुआ दारा!
कॉलेज के पल याद रहेंगे हमेशा,
मस्ती, हंसी, और वो अद्भुत सफ़र... है बस यही
सिख!

अंधेरे में छिपा, एक चाँद है रोशन,
धुंधली रातों का साथी, दर्द का भी साथी ।
छोटी-छोटी किरणें, आसमान में लहराती,
हर अंधियारे में एक उम्मीद की बाती ।

दबे ख्वाबों की खामोशी, दिल में छुपी,
खुद से की गई बातें, कितनी अकेली ।
पर हर निराशा के पीछे, एक नया सूरज,
सपनों की परछाई, फिर भी है चमकती ।

सपनों की परिकल्पना, किताबों की खोली,
दोस्ती की खिलखिलाहट, जीवन की रोली ।
हर दिन की नई परीक्षा, हर हंसी में सजे,
छात्र जीवन की मिठास, दिलों को छू जाए ।

ज्ञान की रोशनी में, तरसते हैं नयन,
सपनों की ओर बढ़ते, हम सबका है जतन ।
छात्र जीवन की यात्रा, संघर्ष और उमंग,
हर पल में छिपा है, एक नया तरंग ।

कभी हंसना, कभी रोना, दोस्ती का यह रंग,
छात्र जीवन की गहराई, कागज़ पर जैसे छंग ।
संग-साथ की मिठास, एक है सच्चा बंधन,
इस प्यारे सफ़र में, मिले हैं सबको सुख भंडन ।

हर दिन की पहली किरण, नई उम्मीद लाए,
पुष्पों की महक में, खुशियों के गीत गाए ।
सपनों की ऊँचाइयों पर, दिल उड़ान भरता,
हर पल में बसी है, खुशियों की रीत चुराता ।

एक मुस्कान की चमक, सब ग़म भुलाए,
जिंदगी की राहों में, खुशियों के फूल खिलाए ।
हर दर्द की फली भले, हो एक कहानी,
पर सब्र और उम्मीद से, बन जाए जवानी ।

जहाँ अंधेरे के बादल, कभी ना रुकें,
वहाँ उजाले की किरणें, हमेशा धड़कें ।
हर मुश्किल एक सबक, हर टूटन में ताकत,
आगे बढ़ो, प्यारे दोस्त, बढ़ते जाओ अपनी जात ।

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.

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.

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...

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.

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

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.

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

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.

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

Do you believe in any superstitions ...

INVESTING IN YOUR SELF

INVEST IN YOURSELF

Investing in Yourself: The Most Valuable Investment You Can Make

When we think of investments, we often consider stocks, real estate, or retirement funds. Yet, the highest returns come from investing in yourself. This transcends monetary gains, enhancing personal growth, skills, and well-being.

Continuous Learning and Education.

Knowledge is powerful. Whether through formal education, online courses, or self-study, continuous learning keeps you competitive and adaptable. Staying updated with new skills boosts confidence and opens doors to opportunities.

Physical and Mental Health.

Your health underpins productivity and success. Regular exercise, a balanced diet, sufficient sleep, and mindfulness practices improve energy, focus, and resilience, enabling peak performance in life.

Building Strong Relationships.

Nurturing meaningful relationships fosters a supportive network for growth. Strong connections provide emotional support, diverse perspectives, and valuable opportunities for personal and career development.

Developing Emotional Intelligence .

Managing emotions and empathizing with others are critical for success. Emotional intelligence enhances communication, conflict resolution, and leadership skills, making you more effective in various situations.

The Ripple Effect of Self-Investment.

Investing in yourself benefits not just you but also those around you. Personal growth inspires others, contributes to your community, and creates a ripple effect of positivity.

Final Thoughts!!!

The dividends of self-investment are lifelong and multifaceted. It fosters confidence, opportunities, health, and happiness. Start today—because the most valuable asset you have is you.

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.



ARTICLE

ARTIFICIAL INTELLIGENCE IN CYBERSECURITY



ADVANCEMENTS

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.

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.

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.

SPORTS ACTIVITIES



Photography







18A
PREMIUM 400



18A
PREMIUM 400



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Farewell



INDUSTRIAL MOU

Department of Computer Science & Engineering



Department of Electrical Engineering

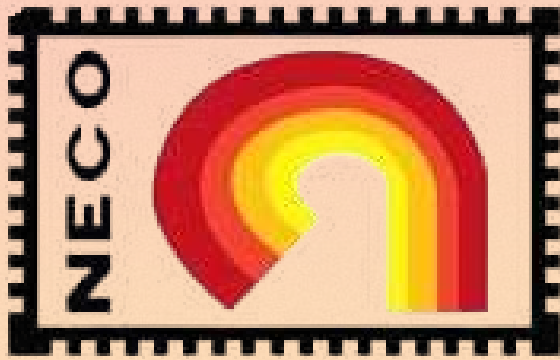


BAJAJ STEEL INDUSTRIES LIMITED



INDUSTRIAL MOU

Department of Mechanical Engineering



Department of Civil Engineering



INDUSTRIAL MOU

Department of Information Technology & Engineering



Department of Electronics Engineering



BAJAJ STEEL INDUSTRIES LIMITED



