



NAAC Accredited

Vidarbha Bahu-uddeshiya Shikshan Sanstha's

**TULSIRAMJI GAIKWAD-PATIL**  
College of Engineering & Technology

— An Autonomous Institute —

DTE  
CODE  
4151



## Department of Electronics & Communication Engineering

**“ElectroConnect”**

*Connecting ideas, people, and technology*



# NEWSLETTER

SESSION: 2024-2025

VOLUME 5

June 2025

ISSUE 2

## **Vision & Mission (Institute)**

### **VISION**

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

### **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.

### **VISION**

- ❖ To impart quality higher education in the field of Electronics and Communication Engineering for catering the needs of society in coherence with current technology.

### **MISSION**

- ❖ To impart quality technical education through effective teaching learning process.
- ❖ To provide a platform for addressing societal issues and challenges encountered by industries.
- ❖ To foster a culture of research and instil innovative and entrepreneurial skills.
- ❖ To promote lifelong learning in order to foster the holistic development of students and staff through the knowledge and professional ethics.

### **PEOs**

#### **Program Educational Objectives (PEOs) of the Department**

- ❖ Demonstrate essential technical skills to identify analyze, solve problems and design issues in Electronics and Communication Engineering.
- ❖ Apply field knowledge, research and professional practices to meet the requirements of industries.
- ❖ Imbibe lifelong learning practices and entrepreneurship skills in tune with Emerging Technologies.
- ❖ Inculcate professional ethics and managerial skills to satisfy real life problems for serving the needs of society and environment.

### **PSOs**

#### **Program Specific Outcomes (PSOs) of the Department**

- ❖ Formulate solutions to intricate engineering problems by applying fundamental principles from the Electronics and Communication Engineering technology.
- ❖ Develop methodologies to analyze and design circuits in electronics for communication applications to meet the societal needs.
- ❖ Implement project-based learning techniques to conduct experiments in Embedded Systems, communication system, signal and Image processing, Circuit analysis and design.

**PO 1 - Engineering Knowledge**

Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

**PO 2 - Problem Analysis**

Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

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

Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

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

Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

**PO 5 - Modern Tool Usage**

Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modelling to complex engineering activities with an understanding of the limitations.

**PO 6 - The Engineer and Society**

Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

**PO 7 - Environment and Sustainability**

Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

**PO 8 - Ethics**

Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

**PO 9 - Individual and Team Work**

Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

**PO 10 - Communication**

Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

**PO 11 - Project Management and Finance**

Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

**PO 12 - Life-long Learning**

Recognize the need for and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.



### TGPCET



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

## About Department

### ECE



The Department of Electronics and Communication Engineering was established in the academic year 2007–08 with an intake of 120 students. Since its inception, the department has been actively engaged in both teaching and research, supported by highly qualified and experienced faculty. It offers advanced laboratory facilities including Microwave & Radar Engineering, Communication Engineering, Digital Signal Processing, Microprocessor & Microcontroller, and Digital Electronics labs. The department also features specialized labs such as VSAT, SATCOM, and Atmel for training and project-based learning. It houses an Industry Institute Partnership Cell (IIPC) to foster collaboration with industries across India, supporting internships, placements, curriculum development, and R&D activities. A notable student project, “GSM Based Automatic Response System for Locomotive Troubleshooting,” was successfully implemented by Indian Railways and appreciated by the General Manager, Central Railway. The department has also achieved national recognition, with students winning the 2nd Prize at the XVIIth ISTE National Annual Convention for Best Engineering Project.



# Management



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

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

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



**Mr. Akash Gaikwad-Patil**  
Vice Chairman, Gaikwad-Patil  
Group

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

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



**Dr. Anjali Patil-Gaikwad**  
President, Gaikwad-Patil  
Group of Institutions

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

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



**Dr. Sandeep Gaikwad**  
Treasurer, Gaikwad-Patil  
Group of Institutions

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

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



**Dr. P. L. Naktode**  
Principal

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

It is my privilege to warmly welcome you to the college, which is an autonomous institution, committing to quality education. We work on the principle of “Learn to Grow” With this very inspiring thought, Vidarbha Bahu Uddeshiya Shikshan Sanstha Nagpur has laid a foundation to provide education in the field of engineering to the students to enable them to become good practicing Engineers, capable managers and above all a good human being to build a stronger, vibrant and skilled India. We dream that TGPCET should play a definite role in shaping the careers of tomorrow's leaders and developing individuals to have an impact on global development.



**Dr. Pragati Patil**  
Vice Principal

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



"The function of education is to teach one to think intensively and to think critically. Intelligence plus character – that is the goal of true education."

— Dr. Martin Luther King Jr.

**Prof. Rohini Pochhi**  
**Head of Department**

Dear Readers,

It gives me immense pleasure to present to you the Newsletter “ElectroConnect” of the Department of Electronics & Communication Engineering for the academic session 2024–2025. This edition captures the dynamic spirit, academic progress, and vibrant activities of our department.

Since its inception in 2007 with an intake of 60 students, the department has grown significantly in terms of academic rigor, research capabilities, and industry engagement. Our highly qualified faculty members are committed to excellence, utilizing innovative teaching methodologies that blend theory with hands-on learning.

We take pride in our state-of-the-art laboratories ranging from VSAT and SATCOM to specialized computing and microcontroller labs that empower students with practical exposure and skill development. The Microwave & Radar Engineering Lab stands as a testament to our commitment to building future-ready engineers.

Beyond academics, we believe in shaping industry-aligned professionals. Through our Industry-Institute Partnership Cell (IIPC), we maintain robust collaborations with leading organizations, providing students with industrial exposure, internship opportunities, expert lectures, and real-world project experiences.

We hope this newsletter not only reflects the achievements of our students and faculty but also inspires continued excellence, innovation, and collaboration.

Warm regards,

**Prof. Rohini Pochhi**  
**Head of Department**  
**Electronics & Communication Engineering**

# Editorial Board



**Prof. Shrutika Wankhade**  
Faculty Editor-in-chief  
ECE Department

## Faculty Editor's Message

It gives me great pleasure to present this edition of the departmental newsletter "ElectroConnect", showcasing the vibrant academic and co-curricular engagements of the Electronics & Communication Engineering Department.

Each page is a testament to the enthusiasm, talent, and perseverance of our students, backed by the guidance and support of our dedicated faculty. The newsletter reflects not just events and achievements, but the spirit of togetherness and forward thinking that drives our department.

I extend my sincere appreciation to the editorial team and all contributors for their dedication in compiling and designing this comprehensive edition. Let's continue our pursuit of excellence in all dimensions - academic, professional, and personal.



**Mr. Krushnakant Dhurve**  
Student Editor-in-chief  
3<sup>rd</sup> year, ECE

## Editor's Message

With immense pride, I present this edition of our departmental newsletter "ElectroConnect", a reflection of the energy, achievements, and dedication shown by the students and faculty of the Electronics & Communication Engineering Department throughout the academic session 2024-2025.

This newsletter is more than just a record, it's a celebration of our growth, learning, and shared milestones. From expert talks to national-level competitions, every activity captured here reflects our commitment to innovation, collaboration, and excellence.

I sincerely thank the editorial team, faculty mentors, and all contributors for their unwavering support and efforts. Let us continue to learn, lead, and grow together.



**Mr. Srujal Meshram**  
Student Co-editor  
3<sup>rd</sup> year, ECE



**Ms. Nidhi Thakare**  
Student Co-editor  
3<sup>rd</sup> year, ECE



**Mr. Harsh Kurve**  
Student Co-editor  
3<sup>rd</sup> year, ECE

# CONTENTS

**01**  
**Industrial visits**

**1 - 4**

**02**  
**Expert Lectures**

**5 - 8**

**03**  
**Workshop**

**9**

**04**  
**Events**

**10 - 14**

**05**  
**Faculty Achievements**

**15 - 16**

**06**  
**Students Achievements**

**17 - 21**

**07**  
**Creative Corner**

**22**

**07**  
**Rank Holders**

**23 - 24**

**08**  
**Placement**

**25 - 26**



## ❖ Industrial Visit

## Page No.

- |                                                                                       |   |
|---------------------------------------------------------------------------------------|---|
| 1. Industrial Visit at Maharashtra Remote Sensing Application Center (MRSAC), Nagpur. | 2 |
| 2. Industrial Visit at Metro Bhawan, Nagpur.                                          | 3 |
| 3. Industrial Visit at Br. Sheshrao Wankhade Shetkari Sahkari Soot Girni, Butibori.   | 4 |

## ❖ Expert Lecture

- |                                                                |   |
|----------------------------------------------------------------|---|
| 1. Expert lecture Data analytics & Artificial Intelligence.    | 6 |
| 2. Guest lecture Adaptive Digital Signal Processing.           | 7 |
| 3. Guest lecture on Application of Electronics in 3D Printing. | 8 |

## ❖ Hands On Workshop

- |                                                       |   |
|-------------------------------------------------------|---|
| 1. Hands on training for Basics of OpenCV with Python | 9 |
|-------------------------------------------------------|---|

## ❖ ElectroKrat Event

- |                     |         |
|---------------------|---------|
| 1. ELECTROKRAT-2k25 | 10 - 11 |
|---------------------|---------|

## ❖ Parents Teacher Meet

- |                              |    |
|------------------------------|----|
| 1. Parents – Teacher Meeting | 12 |
|------------------------------|----|

## ❖ Alumni Meet

- |                                    |    |
|------------------------------------|----|
| 1. Alumni Meet and Holi Milan-2k25 | 13 |
|------------------------------------|----|

## ❖ Farewell Function

- |                           |    |
|---------------------------|----|
| 1. Farewell Function-2k25 | 14 |
|---------------------------|----|

## Industrial Visits

Sr. No	Semester	Name of Industry	Date of Visit	Name of Subject mapped with industry	Total Number of student present	PO-PSO mapped
1	IV & VI	MRSAC	30 <sup>th</sup> , January, 2025	Digital Image Processing, Satellite Communication	65	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10, PO12 & PSO1, PSO2, PSO3
2	IV & VI	Metro Bhavan	4 <sup>th</sup> March, 225	Internet of Things (IoT), PLC G SCADA, and metro systems engineering.	42	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10, PO12 & PSO1, PSO2, PSO3
3	VI	Br. Sheshrao Wankhade Shetkari Sahkari Soot Girni,	28th March 2025	Robotics & automation, PLC & SCADA	58	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10, PO12 & PSO1, PSO2, PSO3

### Maharashtra Remote Sensing Application Center (MRSAC)



Group photo of student & Faculty at MRSAC



Guided by Shri Dilip M. Kolte, Director MRSAC

### Industrial Visit at MRSAC, Nagpur

**Aim:** To aware students about the basic knowledge about remote sensing & Image Processing.

The Department of Electronics & Communication Engineering organized an industrial visit for Second year students to the Maharashtra Remote Sensing Application Center (MRSAC), located near Ambazari, Nagpur. The visit took place on 30th January 2025, under the banner of ISTE, IE(I), and IETE Students Chapter.

#### Outcome of the Visit:

1. Students gained an understanding of the Remote Sensing process.
2. They learned about the methods of Image Processing and Satellite Imaging.
3. The visit helped students understand the concept of Space Technology.
4. Students explored the various applications of Remote Sensing.

The visit successfully contributed to the achievement of Program Objectives: PO1, PO6, PO7, PO8, PO9, PO10, and PO12.

The program was well-coordinated by Prof. Sandeep Thakare (Course Coordinator).

## Metro Bhavan, Nagpur



Group photo of students & faculty at Metro Bhavan Nagpur



Guided by Akhilesh Halwe, PR Nagpur metro Bhavan Nagpur

## Industrial Visit at Metro Bhavan, Nagpur

**Aim:** To understand the state-of-the-art working of Metro Bhavan, Nagpur

The Department of Electronics & Communication Engineering organized an industrial visit for Sixth Semester students to MAHA METRO Bhavan, Nagpur on 4th March 2025, under the banner of the ISTE and IEI Students Chapter.

### Outcome of the Visit:

1. Students gained insight into the operation of MAHA METRO Rail through various functional units.
2. They were able to summarize diverse types of operational units and automation systems.
3. The visit enhanced understanding of automatic traffic control systems, Internet of Things (IoT), PLC & SCADA, and metro systems engineering.

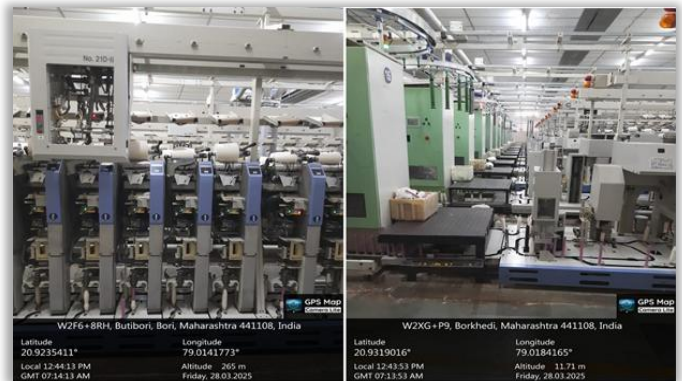
The visit successfully contributed to the achievement of Program Objectives: PO1, PO6, PO7, PO8, PO9, PO10, and PO12.

The program was well-coordinated by Prof. Kushal Masarkar (Course Coordinator).

### Br. Sheshrao Wankhade Shetkari Sahkari Soot Girni, Butibori



Group photo with Student & Faculty



Automation Process & Textile Manufacturing

### Industrial Visit at Br. Sheshrao Wankhade Shetkari Sahakari Soot Girni (Automation Department), Butibori

**Aim:** To aware students about the basic knowledge about the state-of-the-art automated technology and innovation to every phase of our yarn manufacturing process.

The Department of Electronics & Communication Engineering organized an industrial visit for fourth and sixth semester students to Br. Sheshrao Wankhade Shetkari Sahakari Soot Girni Ltd. (Automation Department) on 28th March 2025.

#### Outcome of the Visit:

1. Students understood the industrial automation process used in textile manufacturing.
2. Gained knowledge about the integration of PLC and SCADA systems in automated industrial environments.
3. Observed real-time control systems and their role in maintaining operational efficiency.
4. Understood the importance of sensor-based monitoring and process optimization in the textile sector.

The visit successfully contributed to the achievement of Program Objectives: PO1, PO6, PO7, PO8, PO9, PO10, and PO12.

The visit was effectively coordinated by Prof. Sandeep Thakre.



## Expert Lectures

Sr. No	Semester	Subject of Expert Lecture	Date of Conduction	Expert lecture conducted by	Total Number of student present	PO-PSO mapped
1	IV & VI	Data Analytics & Artificial Intelligence	1st March 2025	Mr. Akash Wadhankar, Senior Solution Architect, innocents Pvt. Ltd., Nagpur.	68	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10, PO12 & PSO1, PSO2, PSO3
2	IV & VI	Adaptive Digital Signal Processing	1st March 2025	Dr. Ram Bilas Pachori, IIT Indore	65	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10, PO12 & PSO1, PSO2, PSO3
3	IV & VI	Application of Electronics in 3D Printing	11th March 2025	Dr. H.N. Bhargaw, Chief Scientist, CSIR Bhopal	72	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10, PO12 & PSO1, PSO2, PSO3

### Expert Lecture on Data Analytics & Artificial Intelligence



Opening Remark



Addressing by Mr. Akash Wadhankar

### Expert Lecture on “Data Analytics & Artificial Intelligence”

The Department of Electronics & Communication Engineering organized an expert lecture on 1st March 2025 for IV and VI semester students on the topic “Data Analytics & Artificial Intelligence”. The session was conducted by Mr. Akash Wadhankar, Senior Solution Architect, innocents Pvt. Ltd., Nagpur.

During the session, Mr. Wadhankar shared valuable insights on:

1. Artificial Intelligence and its real-world applications
2. Techniques for protecting sensitive data.
3. The role and impact of Data Analytics in industry

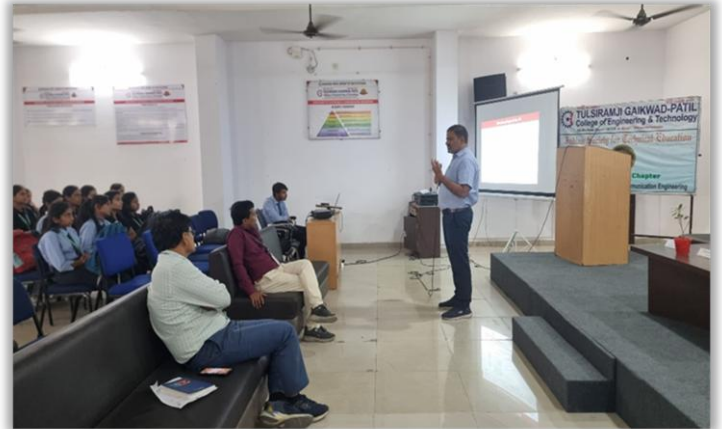
#### Outcome of the Lecture:

The lecture contributed to a deeper understanding of key emerging technologies and supported the achievement of Program Outcomes: PO1, PO2, PO3, PO4, PO5, PO6, and PO12.

### Expert Lecture on Adaptive Digital Signal Processing



Opening Remark



Addressing by Dr. Ram Bilas Pachori

### Expert Lecture on “Adaptive Digital Signal Processing”

The Department of Electronics & Communication Engineering organized an expert lecture on 1st March 2025 for IV and VI semester students on the topic “Adaptive Digital Signal Processing”. The session was conducted by Dr. Ram Bilas Pachori, IIT Indore for IV & VI semester students of ECE Department.

Objectives: -

1. To make students aware about primary goal of Adaptive Signal Processing
2. To make students aware Recent Trends in Adaptive Digital Signal Processing.
3. To map lecture with subject Signals and Systems, Digital Image Processing, Internet of Things Wireless Sensor Network & Digital Signal Processing.

This lecture helped in mapping program.

#### Outcome of the Lecture:

The lecture contributed to a deeper understanding of Digital Signal processing and supported the achievement of Program Outcomes: PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10, PO11 and PO12.

### Expert Lecture on Application of Electronics in 3D Printing



Opening Remark



Addressing by Dr. H.N. Bhargaw

### Expert Lecture on “Application of Electronics in 3D Printing ”

The Department of Electronics & Communication Engineering under IETE and IE(I) student chapter organized an expert lecture on 11th March 2025 for IV and VI semester students on the topic “Application of Electronics in 3D Printing”. The session was conducted by Dr. H.N. Bhargaw, Chief Scientist, CSIR Bhopal

#### Objectives: -

1. To make students understand and explore the role of electronics in the design, control, and operation of 3D printing technology.
2. To make students aware Recent Trends in Application of Electronics in 3D Printing.
3. To map lecture with subject Digital Signal Processing, Digital Image Processing, Internet of Things Signals and Systems, Wireless Sensor Network & Computer Communication Network.

This lecture helped in mapping program.

#### Outcome of the Lecture:

The lecture contributed to achievement of Program Outcomes: PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10, PO11 and PO12.

### Hands-on Workshop on “Basics of OpenCV with Python”



Glimpses of Felicitation

### Two-Day Hands-on Workshop on “Basics of OpenCV with Python”

The Department of Electronics & Communication Engineering, Tulsiramji Gaikwad Patil College of Engineering & Technology, organized a two-day hands-on workshop on “Basics of OpenCV with Python” on 6th and 7th March 2025.

The workshop was conducted in collaboration with SS Infotech, a prominent IT solutions provider based in Pune and Nagpur, renowned for its work in software development, artificial intelligence, and digital transformation.

#### About SS Infotech:

SS Infotech delivers scalable, AI-driven solutions tailored for business innovation and operational efficiency. Through industry-focused training programs, the organization equips learners with essential skills in AI, cloud computing, and cybersecurity. They also support strategic hiring, talent development, and career advancement, helping individuals and enterprises stay ahead in today's digital age.

The workshop offered students practical exposure to image processing techniques using OpenCV and Python, aligning with current industry demands and technological trends.



### National Level Technical Event – ELECTROKRAT 2K25

The Department of Electronics & Communication Engineering (NBA Accredited), TGPCET, successfully hosted a Two-Day National Level Technical Event – ELECTROKRAT 2K25 on 3rd and 4th April 2025 at JRD Tata Hall, TGPCET, Nagpur. The event aimed to foster technical excellence, creativity, and collaborative learning among aspiring engineers nationwide.

#### Inauguration Ceremony:

ELECTROKRAT 2K25 was inaugurated by eminent personalities Mr. Allen Abraham (Director, SS INFOTECH) and Dr. Vishal R. Satpute (Professor, VNIT), with insightful addresses that motivated participants to pursue innovation. The ceremony also featured remarks by Dr. Pragati Patil (Vice-Principal) and Prof. Rohini Pochhi (HOD, ECE).

#### Participation Highlights:

The event attracted 434 participants from across India and included a diverse array of competitions:

- **Science Project Competition:** 26 teams, 76 students
- **Technical Quiz:** 13 teams, 26 students
- **Breadboard Circuit Competition:** 8 teams, 29 students
- **Poster Presentation:** 26 groups, 66 students
- **E-Sports Tournament (BGMI & Free Fire):** 60 teams, 227 students

#### Valedictory Function:

The event concluded with a Valedictory Ceremony, felicitating all winners with trophies, certificates, and cash prizes. Special thanks were extended to the dignitaries and student coordinators for their exceptional efforts, especially Mr. Atharv Chitnis, Student Coordinator.

#### Gratitude:

The department extended heartfelt appreciation to:

- Dr. Mohan Gaikwad-Patil – Chairman, GPG
- Mr. Akash Gaikwad-Patil – Vice-Chairman, GPG
- Dr. Sandeep Gaikwad – Treasurer
- Dr. P. L. Naktode – Principal, TGPCET
- Dr. Pragati Patil – Vice-Principal

Program Outcomes Addressed:

PO1–PO12, PSO1, PSO2, PSO3

## ELECTROKRAT 2K25



Lamp Lightening by Guest



Group photo of Guest



Felicitation of Guest by Vice Principal



Inauguration of Electrokrat



Examination of Project Competition



Examination of Project Competition



Quiz competition



Felicitation of Students

### Parents - Teacher Meet 2k25



Glimpses of Parents Teacher Conclave 2k25

The Department of Electronics & Communication Engineering conducted a Parents-Teacher Meet (PTM) on 15th February 2025 to strengthen the collaboration between faculty and parents in supporting student development.

**The event aimed to:**

- Discuss students' academic progress, attendance, and performance.
- Foster meaningful interactions between mentors, HOD and parents.
- Collect valuable feedback for academic and institutional improvement.
- Recognize and celebrate students excelling in academics and co-curricular activities.

Parents engaged in one-on-one discussions with mentors and faculty, offering constructive suggestions particularly in alignment with NBA accreditation goals. The meet also highlighted future strategies, workshops, and support systems for students' holistic development.

Program Outcomes Addressed: PO8 (Ethics), PO9 (Teamwork), PO10 (Communication)

The session concluded with a shared commitment to student success through active parent-faculty collaboration.



### Alumni Meet and Holi Milan 2k25



Glimpses of Alumni Meet and Holi Milan



Glimpses of ECE Alumni

#### **Alumni Meet & Holi Milan – 13th March 2025**

**Venue:** TGPCET Campus

**Organized by:** Alumni Association of TGPCET

**In Association With:** Department of Electronics & Communication Engineering

The Alumni Association of TGPCET, in collaboration with the Department of Electronics & Communication Engineering, organized the Alumni Meet & Holi Milan on 13th March 2025. The event aimed to reconnect alumni with their alma mater while fostering meaningful dialogue around academic progress, student development, and institutional growth.

Alumni engaged in interactive sessions with faculty and mentors, sharing insights, offering suggestions, and reflecting on their experiences. The event also focused on the department's upcoming NBA accreditation, with alumni contributing valuable feedback on academic and infrastructural improvements.

Highlights of the event included the recognition of top-performing students, discussions on curricular and co-curricular enhancement, and proposals for future alumni-led initiatives. The celebration of Holi added a festive touch, symbolizing unity, and new beginnings.

**Program Outcomes Mapped:** PO8 (Ethics), PO9 (Teamwork), PO10 (Communication)

## Farewell Party 2k25



Glimpses of Farewell

### Farewell Celebration — Batch 2021–2025

**Date:** 18th April 2025

The Department of Electronics and Communication Engineering organized a memorable farewell party to bid adieu to the final-year students of the 2021–2025 batch. The event, held on 18th April 2025 at Café Barrel, Dharampeth Extension, Nagpur, was a heartfelt celebration filled with joy, nostalgia, and camaraderie. It served as a platform to honour the graduating students and reflect on their academic journey and achievements.

### Message from the Department

Dear Final-Year Students,

As you prepare to embark on your next chapter, the entire ECE family takes this moment to salute your hard work, achievements, and spirit. You have grown into engineers ready to innovate, lead and contribute to society.

Your journey at TGPCET may be ending, but our best wishes will follow you wherever life takes you. Keep pushing boundaries, stay curious and never forget your roots.

You're always a part of the ECE family.

With pride and blessings,



## Faculty Achievements

Sr. No	Name of Faculty	Subject	Awarded by	Duration
1	Prof. Shrutika Wankhade	NBA Accreditation and Teaching and Learning in Engineering (NATE)	ELITE (73%)	12 Weeks
2	Dr. Nitin Chore	NBA Accreditation and Teaching and Learning in Engineering (NATE)	ELITE (73%)	12 Weeks
3	Dr. Pravin Tajne	NBA Accreditation and Teaching and Learning in Engineering (NATE)	ELITE (70%)	12 Weeks
4	Prof. Kalyani Sawarkar	NBA Accreditation and Teaching and Learning in Engineering (NATE)	ELITE (64%)	12 Weeks
5	Prof. Kushal Masarkar	Machine Learning	ELITE (63%)	8 weeks

# Faculty Achievements

**Elite**  
**NPTEL ONLINE CERTIFICATION**  
(Funded by the MoE, Govt. of India)

This certificate is awarded to  
**SHRUTIKA CHHATRAPATI WANKHADE**  
for successfully completing the course  
**NBA Accreditation and Teaching and Learning  
in Engineering (NATE)**  
with a consolidated score of **73 %**  
Online Assignments 23.75/25 Proctored Exam 48.75/75  
Total number of candidates certified in this course: 2145

Prof. G. L. Sivakumar Babu  
Chairman, Center for Continuing Education  
IISc Bangalore

Jan-Apr 2025  
(12 week course)

Prof. L. Umanand  
NPTEL Coordinator  
IISc Bangalore

Indian Institute of Science Bangalore

swayam

Roll No: NPTEL25GE23S1052800605 To verify the certificate No. of credits recommended: 3 or 4

**Elite**  
**NPTEL ONLINE CERTIFICATION**  
(Funded by the MoE, Govt. of India)

This certificate is awarded to  
**NITIN MAROTRAO CHORE**  
for successfully completing the course  
**NBA Accreditation and Teaching and Learning  
in Engineering (NATE)**  
with a consolidated score of **73 %**  
Online Assignments 22.5/25 Proctored Exam 50.25/75  
Total number of candidates certified in this course: 2145

Prof. G. L. Sivakumar Babu  
Chairman, Center for Continuing Education  
IISc Bangalore

Jan-Apr 2025  
(12 week course)

Prof. L. Umanand  
NPTEL Coordinator  
IISc Bangalore

Indian Institute of Science Bangalore

swayam

Roll No: NPTEL25GE23S1052801893 To verify the certificate No. of credits recommended: 3 or 4

**Elite**  
**NPTEL ONLINE CERTIFICATION**  
(Funded by the MoE, Govt. of India)

This certificate is awarded to  
**PRAVIN NANAJI TAJANE**  
for successfully completing the course  
**NBA Accreditation and Teaching and Learning  
in Engineering (NATE)**  
with a consolidated score of **70 %**  
Online Assignments 22.19/25 Proctored Exam 47.63/75  
Total number of candidates certified in this course: 2145

Prof. G. L. Sivakumar Babu  
Chairman, Center for Continuing Education  
IISc Bangalore

Jan-Apr 2025  
(12 week course)

Prof. L. Umanand  
NPTEL Coordinator  
IISc Bangalore

Indian Institute of Science Bangalore

swayam

Roll No: NPTEL25GE23S952800978 To verify the certificate No. of credits recommended: 3 or 4

**Elite**  
**NPTEL ONLINE CERTIFICATION**  
(Funded by the MoE, Govt. of India)

This certificate is awarded to  
**KALYANI SAWARKAR**  
for successfully completing the course  
**NBA Accreditation and Teaching and Learning  
in Engineering (NATE)**  
with a consolidated score of **64 %**  
Online Assignments 22.81/25 Proctored Exam 41.25/75  
Total number of candidates certified in this course: 2145

Prof. G. L. Sivakumar Babu  
Chairman, Center for Continuing Education  
IISc Bangalore

Jan-Apr 2025  
(12 week course)

Prof. L. Umanand  
NPTEL Coordinator  
IISc Bangalore

Indian Institute of Science Bangalore

swayam

Roll No: NPTEL25GE23S1052801925 To verify the certificate No. of credits recommended: 3 or 4

**Elite**  
**NPTEL ONLINE CERTIFICATION**  
(Funded by the MoE, Govt. of India)

This certificate is awarded to  
**KUSHAL JAGDISH MASARKAR**  
for successfully completing the course  
**Machine Learning, ML**  
with a consolidated score of **61 %**  
Online Assignments 22.9/25 Proctored Exam 37.89/75  
Total number of candidates certified in this course: 1015

Prof. Andrew Thangaraj  
Chair  
Centre for Outreach and Digital Education, IITM

Jan-Mar 2025  
(8 week course)

Prof. Vignesh Muthuvijayan  
NPTEL Coordinator  
IIT Madras

Indian Institute of Technology Madras

swayam

Roll No: NPTEL25CS50S340300591 To verify the certificate No. of credits recommended: 2 or 3

## Students Achievements



### Research Achievement:

Final year ECE students Ashish Hajare and Tejas Rokade received the Best Research Paper Award (Winner) at the 5th International Conference on Innovations in Engineering, Technology, and Science Management (ICIETSM), organized by Jhulelal College of Engineering. Their work was recognized for its quality and contribution to the field.

### Paper Presentation Achievement:

Final year ECE students Shamiksha Jagtap and Ruppall Bawne won First Prize for their paper "QR Based Sorting Machine System" at the 5th ICRTSET-2025, organized by Govindrao Wanjari College of Engineering & Technology, Nagpur.



### Essay Competition Achievement:

Third year ECE student Atharva B. Chitnis received the Second Prize in the essay competition during World Space Week 2024, organized by NRSC, ISRO from 4th-10th October, based on the theme "Space and Climate Change."



# Students Achievements

## Language Certification Achievement:


Third year ECE student Sameer Aatish Bagde successfully cleared the Japanese Language NAT-TEST (Level 5Q – N5 equivalent) held in April 2025, scoring 120 out of 180 and securing a PASS grade as per the official assessment.

**NAT-TEST 成績表 Japanese Language NAT-TEST Score Report**

試験年月: 2025年4月 April 2025  
 Test Month & Year  
 級: 5Q (N5相当) 5Q (N5 equivalent)  
 Level  
 受験番号: 25040048150128  
 Examinee's Number  
 名前: SAMEER AATISH BAGDE  
 Name

発行日: 2025年4月21日 April 21, 2025  
 Date of Issue

日本語NAT-TEST運営委員会  
 Japan Language NAT-TEST Steering Committee

Web Site: [www.nat-test.jp](http://www.nat-test.jp)  
 QR Code:   
 Study Guide: 

試験科目: 言語知識 (文法・語彙・文法)・読解  
 Test Subject: Language Knowledge (Grammar, Vocabulary, Grammar)・Reading

得点 / 満点 (Score / Maximum Score): 120 / 180  
 合格 / 合格点 (Level / Pass Mark): 80  
 合格 / 合格点 (Level / Pass Mark): 35 / 60  
 合格 / 合格点 (Level / Pass Mark): 19

正答率 (Percentage of Correct Answers):

分類 (Category)	問題 (Question)	問題名 (Name of Question)	正答数 / 総問題数 (Number of Correct Answers / Total Questions)	正答率 (Percentage of Correct Answers)
言語知識 (文法・語彙)	問題1	漢字読み	4 / 5	80.0% A
言語知識 (文法・語彙)	問題2	表記	3 / 5	60.0% B
言語知識 (文法・語彙)	問題3	文脈推定	4 / 6	66.7% B
言語知識 (文法・語彙)	問題4	漢字読み	2 / 3	66.7% B
言語知識 (文法・語彙)	問題1	文の文法 (文法形式の判断)	8 / 9	88.9% A
言語知識 (文法・語彙)	問題2	文の文法 (文法形式の判断)	3 / 4	75.0% B
言語知識 (文法・語彙)	問題3	文の文法 (文法形式の判断)	4 / 4	100.0% A
言語知識 (文法・語彙)	問題4	文の文法 (文法形式の判断)	2 / 2	100.0% A
言語知識 (文法・語彙)	問題5	文の文法 (文法形式の判断)	2 / 2	100.0% A
言語知識 (文法・語彙)	問題6	文の文法 (文法形式の判断)	1 / 1	100.0% A
読解	問題1	読解 (短文)	5 / 7	71.4% B
読解	問題2	読解 (短文)	4 / 6	66.7% B
読解	問題3	読解 (短文)	4 / 5	80.0% A
読解	問題4	読解 (短文)	4 / 6	66.7% B

日本語NAT-TESTは株式会社ナレッジ・エデュケーション・ジャパンが主催・運営しています。 Japanese Language NAT-TEST is created, organized, and administered by Senmon Kyoriku Publishing Co., Ltd.



## Project Competition Achievement:

2nd year (4th semester) ECE students secured the 2nd Runner-Up position in the Tech knowledge Project Competition held at Swaminarayan Siddhant Institute of Technology, Nagpur. Their innovative project stood out for its practical relevance and effective presentation.

## Technical Quiz Achievement:

Prashant Jaybhaye, a 2nd year ECE student, secured the 1st Prize in the Technical Quiz at ElectroKrat 2K25, a National Level Event organized by the Department of Electronics & Communication Engineering, TGPCET, Nagpur.



## Students Achievements

Sr. No	Name of Student	Subject	Awarded by	Duration
1	Ekta Sonawane	Cloud Computing	Elite	12 weeks
2	Twinkle Karpe	Introduction to IoT	Elite	12 weeks
3	Achal Bawane	Introduction to IoT	Elite	12 weeks
4	Mahesh Bawane	Cloud Computing and Distributed Systems	Elite	8 weeks
5	Kashish Neware	Data Analyst with Python	Elite	12 weeks
6	Rohit Barbate	Cloud Computing	Elite	12 weeks
7	Rohit Shelke	Introduction to IoT	Elite	12 weeks
8	Siddharth Meshram	Introduction to IoT	Elite	12 weeks
9	Mrunali Thul	Cloud Computing	Completed	12 weeks
10	Madhura Bobade	Cloud Computing	Completed	12 weeks
11	Shravya Fulbandhe	Cloud Computing and Distributed Systems	Completed	8 weeks
12	Janvi Nandankar	Cloud Computing	Completed	12 weeks
13	Rohit Shelke	Cloud Computing	Completed	12 weeks
14	Rutesh Bondade	Cloud Computing and Distributed Systems	Completed	8 weeks
15	Madhura Bobade	Introduction to IoT	Completed	12 weeks



# Students Achievements

**Elite**

**NPTEL ONLINE CERTIFICATION**  
(Funded by the MoE, Govt. of India)

This certificate is awarded to  
**EKTA**  
for successfully completing the course  
**Cloud Computing**  
with a consolidated score of **76 %**  
Online Assignments **24.38/25** Proctored Exam **51.53/75**  
Total number of candidates certified in this course: **29703**  
Jan-Apr 2025  
(12 week course)

Indian Institute of Technology Kharagpur

Roll No: NPTEL25CS11S1052800788 To verify the certificate No. of credits recommended: 3 or 4

**Elite**

**NPTEL ONLINE CERTIFICATION**  
(Funded by the MoE, Govt. of India)

This certificate is awarded to  
**TWINKLE KARPE**  
for successfully completing the course  
**Introduction To Internet Of Things**  
with a consolidated score of **72 %**  
Online Assignments **22.1/25** Proctored Exam **49.5/75**  
Total number of candidates certified in this course: **38143**  
Jan-Apr 2025  
(12 week course)

Indian Institute of Technology Kharagpur

Roll No: NPTEL25CS44S352800234 To verify the certificate No. of credits recommended: 3 or 4

**Elite**

**NPTEL ONLINE CERTIFICATION**  
(Funded by the MoE, Govt. of India)

This certificate is awarded to  
**ACHAL RAMDAS BAWANE**  
for successfully completing the course  
**Introduction To Internet Of Things**  
with a consolidated score of **68 %**  
Online Assignments **21.88/25** Proctored Exam **46.5/75**  
Total number of candidates certified in this course: **38143**  
Jan-Apr 2025  
(12 week course)

Indian Institute of Technology Kharagpur

Roll No: NPTEL25CS44S452801851 To verify the certificate No. of credits recommended: 3 or 4

**Elite**

**NPTEL ONLINE CERTIFICATION**  
(Funded by the MoE, Govt. of India)

This certificate is awarded to  
**MAHESH GAJANAN BAWANE**  
for successfully completing the course  
**Cloud Computing and Distributed Systems**  
with a consolidated score of **67 %**  
Online Assignments **21.67/25** Proctored Exam **45/75**  
Total number of candidates certified in this course: **4408**  
Jan-Mar 2025  
(8 week course)

Indian Institute of Technology Kanpur

Roll No: NPTEL25CS12S440301055 To verify the certificate No. of credits recommended: 2 or 3

**Elite**

**NPTEL ONLINE CERTIFICATION**  
(Funded by the MoE, Govt. of India)

This certificate is awarded to  
**KASHISH AJAY NEWARE**  
for successfully completing the course  
**Data Analytics with Python**  
with a consolidated score of **60 %**  
Online Assignments **25/25** Proctored Exam **35.21/75**  
Total number of candidates certified in this course: **10022**  
Jan-Apr 2025  
(12 week course)

Indian Institute of Technology Roorkee

Roll No: NPTEL25CS17S1252803324 To verify the certificate No. of credits recommended: 3 or 4

**Elite**

**NPTEL ONLINE CERTIFICATION**  
(Funded by the MoE, Govt. of India)

This certificate is awarded to  
**ROHIT LAXMAN BARBATE**  
for successfully completing the course  
**Cloud Computing**  
with a consolidated score of **60 %**  
Online Assignments **25/25** Proctored Exam **35.19/75**  
Total number of candidates certified in this course: **29703**  
Jan-Apr 2025  
(12 week course)

Indian Institute of Technology Kharagpur

Roll No: NPTEL25CS11S1052801963 To verify the certificate No. of credits recommended: 3 or 4

**Elite**

**NPTEL ONLINE CERTIFICATION**  
(Funded by the MoE, Govt. of India)

This certificate is awarded to  
**ROHIT YOGESHRAO SHELAKHE**  
for successfully completing the course  
**Introduction To Internet Of Things**  
with a consolidated score of **60 %**  
Online Assignments **23.97/25** Proctored Exam **36/75**  
Total number of candidates certified in this course: **38143**  
Jan-Apr 2025  
(12 week course)

Indian Institute of Technology Kharagpur

Roll No: NPTEL25CS44S352800226 To verify the certificate No. of credits recommended: 3 or 4

**Elite**

**NPTEL ONLINE CERTIFICATION**  
(Funded by the MoE, Govt. of India)

This certificate is awarded to  
**SIDDHARTH BHIMRAO MESHARAM**  
for successfully completing the course  
**Introduction To Internet Of Things**  
with a consolidated score of **60 %**  
Online Assignments **22.44/25** Proctored Exam **37.5/75**  
Total number of candidates certified in this course: **38143**  
Jan-Apr 2025  
(12 week course)

Indian Institute of Technology Kharagpur

Roll No: NPTEL25CS44S452800731 To verify the certificate No. of credits recommended: 3 or 4

# Students Achievements

**NPTEL ONLINE CERTIFICATION**  
(Funded by the MoE, Govt. of India)

This certificate is awarded to  
**MRUNALI SANJAY THUL**  
for successfully completing the course

**Cloud Computing**

with a consolidated score of **58 %**

Online Assignments	25/25	Proctored Exam	32.66/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: 29703

Jan-Apr 2025  
(12 week course)

Prof. Haimanti Banerji  
Coordinator, NPTEL  
IT Kharagpur

Indian Institute of Technology Kharagpur

Roll No: NPTEL25CS11S1052802050 To verify the certificate No. of credits recommended: 3 or 4

**NPTEL ONLINE CERTIFICATION**  
(Funded by the MoE, Govt. of India)

This certificate is awarded to  
**MADHURA GANESH BOBADE**  
for successfully completing the course

**Cloud Computing**

with a consolidated score of **58 %**

Online Assignments	25/25	Proctored Exam	33.33/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: 29703

Jan-Apr 2025  
(12 week course)

Prof. Haimanti Banerji  
Coordinator, NPTEL  
IT Kharagpur

Indian Institute of Technology Kharagpur

Roll No: NPTEL25CS11S952801300 To verify the certificate No. of credits recommended: 3 or 4

**NPTEL ONLINE CERTIFICATION**  
(Funded by the MoE, Govt. of India)

This certificate is awarded to  
**SHRAYYA GANESHRAO FULBANDHE**  
for successfully completing the course

**Cloud Computing and Distributed Systems**

with a consolidated score of **57 %**

Online Assignments	22.08/25	Proctored Exam	35.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 4408

Jan-Mar 2025  
(8 week course)

Prof. Satyaki Roy  
NPTEL Coordinator  
IT Kanpur

Prof. B. V. Ratish Kumar  
Chairman, Centre for Continuing Education  
IT Kanpur

Indian Institute of Technology Kanpur

Roll No: NPTEL25CS12S340301630 To verify the certificate No. of credits recommended: 2 or 3

**NPTEL ONLINE CERTIFICATION**  
(Funded by the MoE, Govt. of India)

This certificate is awarded to  
**JANVI DURVESH NANDANKAR**  
for successfully completing the course

**Cloud Computing**

with a consolidated score of **56 %**

Online Assignments	25/25	Proctored Exam	30.72/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: 29703

Jan-Apr 2025  
(12 week course)

Prof. Haimanti Banerji  
Coordinator, NPTEL  
IT Kharagpur

Indian Institute of Technology Kharagpur

Roll No: NPTEL25CS11S952801278 To verify the certificate No. of credits recommended: 3 or 4

**NPTEL ONLINE CERTIFICATION**  
(Funded by the MoE, Govt. of India)

This certificate is awarded to  
**ROHIT YOGESHRAO SHELAKHE**  
for successfully completing the course

**Cloud Computing**

with a consolidated score of **55 %**

Online Assignments	24.53/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 29703

Jan-Apr 2025  
(12 week course)

Prof. Haimanti Banerji  
Coordinator, NPTEL  
IT Kharagpur

Indian Institute of Technology Kharagpur

Roll No: NPTEL25CS11S1052800738 To verify the certificate No. of credits recommended: 3 or 4

**NPTEL ONLINE CERTIFICATION**  
(Funded by the MoE, Govt. of India)

This certificate is awarded to  
**RUTESH BONDADE**  
for successfully completing the course

**Cloud Computing and Distributed Systems**

with a consolidated score of **55 %**

Online Assignments	22.08/25	Proctored Exam	33/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 4408

Jan-Mar 2025  
(8 week course)

Prof. Satyaki Roy  
NPTEL Coordinator  
IT Kanpur

Prof. B. V. Ratish Kumar  
Chairman, Centre for Continuing Education  
IT Kanpur

Indian Institute of Technology Kanpur

Roll No: NPTEL25CS12S340301527 To verify the certificate No. of credits recommended: 2 or 3

**NPTEL ONLINE CERTIFICATION**  
(Funded by the MoE, Govt. of India)

This certificate is awarded to  
**MADHURA GANESH BOBADE**  
for successfully completing the course

**Introduction To Internet Of Things**

with a consolidated score of **54 %**

Online Assignments	24.35/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 38143

Jan-Apr 2025  
(12 week course)

Prof. Haimanti Banerji  
Coordinator, NPTEL  
IT Kharagpur

Indian Institute of Technology Kharagpur

Roll No: NPTEL25CS44S352801297 To verify the certificate No. of credits recommended: 3 or 4

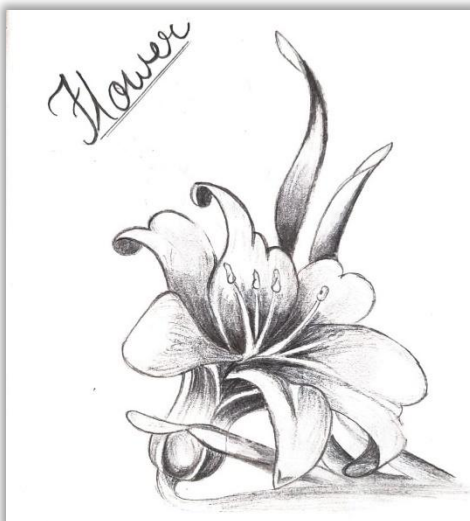
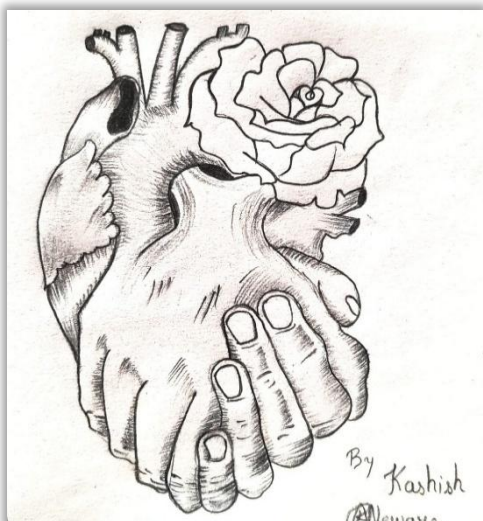




**The Above Five Artworks By:**  
*Nikhil M. Tembhurne*

*8th Semester Student,  
Department of Electronics &  
Communication Engineering*

A showcase of detailed and expressive sketches that blend precision with imagination, demonstrating the creative potential of engineering minds beyond the circuit board.



**The Above Two Artworks By:**  
*Kashish Neware*

*6th Semester Student,  
Department of Electronics &  
Communication Engineering*

A delicate pencil sketch of a blooming flower, capturing nature's grace and detail through soft shading and form. This piece reflects the calm beauty of organic design—drawn with precision, passion, and patience.

## Rank Holders

### 3<sup>rd</sup> Semester rankers

1



**Mr. Rohit Barbate**  
SGPA - 9.80

2



**Ms. Mrunali Thul**  
SGPA - 9.60

3



**Mr. Atharva Kanfode**  
SGPA - 9.50

3



**Ms. Mrunali Damle**  
SGPA - 9.50

### 5<sup>th</sup> Semester rankers

1



**Ms. Janhavi Patle**  
SGPA - 9.83

2



**Ms. Nidhi Thakare**  
SGPA - 9.46

3



**Ms. Sushmita Chopade**  
SGPA - 9.25



### 7<sup>th</sup> Semester rankers

1



**Ms. Kajal Shendre**  
SGPA - 9.32

2



**Mr. Sagar Manik**  
SGPA - 9.23

2



**Mr. Shubham Nikhade**  
SGPA - 9.23

3



**Mr. Ashish Hajare**  
SGPA - 9.00



## PLACEMENT 2k25

Sr. No	NAME OF STUDENTS	COMPANY	PACKAGE(LPA)
01.	NANDINI HEDAU	Qspiders, Bangalore	5.5
02.	SIMRAN ANAND KUMBHARE	KodNest Technologies Pvt Ltd	5
03.	SAKET WRUNDANATH GAURE	Info Origin Pvt Ltd, Gondia	4
04.	AARTI TIKARAM TARARE	Bagla Group, Sambhaji Nagar	2
05.	ASHISH ARMUGAM VIRMUTTU	Bagla Group, Sambhaji Nagar	2
06.	ASHISH HAJARE	Bagla Group, Sambhaji Nagar	2
07.	DARPAN CHOWARAM RAHANGDALE	Bagla Group, Sambhaji Nagar	2
08.	DISHANT BHAWARE	Bagla Group, Sambhaji Nagar	2
09.	GAURAV GANGADHAR SITALE	Bagla Group, Sambhaji Nagar	2
10.	HARSHAL SUNIL DEVIKAR	Bagla Group, Sambhaji Nagar	2
11.	KAJAL UMESH BONSULE	Bagla Group, Sambhaji Nagar	2
12.	KARAN SITKUR GEDAM	Bagla Group, Sambhaji Nagar	2
13.	KUNAL JAGATPALSINGH GAUTAM	Bagla Group, Sambhaji Nagar	2
14.	MANSI THAKRE	Bagla Group, Sambhaji Nagar	2
15.	MAYUR SANTOSH HANWATE	Bagla Group, Sambhaji Nagar	2
16.	MRUNAL ANIL PADOLE	Bagla Group, Sambhaji Nagar	2
17.	NIKHIL MANSARAM TEMBHURNE	Bagla Group, Sambhaji Nagar	2
18.	NIKHIL VIJAY URKUDE	Bagla Group, Sambhaji Nagar	2
19.	RUPPAL SHALIRRAM BAWANE	Bagla Group, Sambhaji Nagar	2
20.	SAMIKSHA RAJESH JAGTAP	Bagla Group, Sambhaji Nagar	2
21.	SAMRUDHI RAJESHWAR WAKADE	Bagla Group, Sambhaji Nagar	2
22.	SARVESH MOTIRAM UKEY	Bagla Group, Sambhaji Nagar	2
23.	SHIVANI PENDAM	Bagla Group, Sambhaji Nagar	2
24.	SHRUTIKA DHAMMAPAL SHAMBHARKAR	Bagla Group, Sambhaji Nagar	2
25.	SUNIDHI SANJAYKUMAR GUPTA	Bagla Group, Sambhaji Nagar	2
26.	TEJAS C. DAKHARE	Bagla Group, Sambhaji Nagar	2
27.	TEJAS YOGESH ROKADE	Bagla Group, Sambhaji Nagar	2
28.	TUSHAR GHANSHYAM CHAPRE	Bagla Group, Sambhaji Nagar	2
29.	VAIBHAV BRAMHANKAR	Bagla Group, Sambhaji Nagar	2
30.	SAGAR DEVID MANIK	Bagla Group, Sambhaji Nagar	2
31.	APEKSHA FUSE	HORIBA Pvt. Ltd.	2

## PLACEMENT 2k25



**Ms. Nandini Pravin Hedau**

Placed at Qspiders, Bangalore

Batch: 2021-2025

Package: 5.5 LPA



**Ms. Simran Kumbhare**

Placed at KodNest Technologies  
Pvt Ltd

Batch: 2021-2025

Package: 5 LPA



**Mr. Saket Gaure**

Info Origin Pvt Ltd, Gondia

Batch: 2021-2025

Package: 4 LPA



*“The future belongs to those who believe in the beauty of their dreams.”  
— Eleanor Roosevelt*

This newsletter reflects a year of growth, learning and unity. As we close this chapter, we look forward to continuing our journey with renewed purpose and passion.

To every contributor, participant and supporter thank you for making this academic session extraordinary.

We remain committed to excellence, innovation, and holistic development.

**Published by:**

Department of Electronics & Communication Engineering  
Tulsiramji Gaikwad-Patil College of Engineering and Technology,  
Nagpur

**SESSION 2024 - 2025**

**VOLUME 5; ISSUE 2**

For Contact  
[Hod.ece@tgpcet.com](mailto:Hod.ece@tgpcet.com)

