

## **MET's Institute of Engineering**

### **Department of Electronics and Telecommunication Engineering**

**2024 - 25  
NEWSLETTER**



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## ***FROM THE EDITOR'S DESK***

***Hello Readers,***

We are excited to share with you the Department of Electronics and Telecommunication Engineering's Newsletter for the academic year 2024-25, from MET's Bhujbal Knowledge City Institute of Engineering.

In this ever-evolving world, e-learning has emerged as a powerful and effective way to impart knowledge. In this edition, we highlight the achievements and initiatives of our students, as well as the notable contributions of our faculty over the year.

We hope you enjoy reading this newsletter, and we welcome your suggestions and feedback to help us improve in future editions.

***NEWS LETTER CORE COMMITTEE***

***HEAD OF THE DEPARTMENT***



Prof. Dr.V.J.Gond

***FACULTY COORDINATOR***



Dr. Kalindi D. Mahajan  
(Assistant Professor)

***FACULTY INCHARGE***



Mrs. Priyanka S. More  
(Assistant Professor)

***EDITED BY***



Ishwari P. Gaikwad -TE ETC



Pranav P. Kela -TE ETC

## ***CONTENT***

**INSTITUTE VISION AND MISSION**

**DEPARTMENT VISION AND MISSION**

**NATIONAL SERVICE SCHEME (NSS)**

**REPUBLIC DAY CELEBRATION**

**TECHNICAL EVENT**

**CSR ACTIVITY**

**INDUSTRIAL VISIT**

**EXPERT TALKS & VALUE ADDED COURSES**

**TRAINING AND PLACEMENT RECORD**

**FDP WORKSHOP/CONFERENCE**

**STAFF & STUDENT ACHIEVEMENTS**

***STUDENT CORNER***

## ***INSTITUTE VISION AND MISSION***

### ***Vision***

- *To develop Institute as a Centre of Excellence for developing globally accepted professionals having application orientation, lifelong learning approach towards socio-economic growth of stake holders and the Society as a whole.*

### ***Mission***

- *Preparing Graduates capable enough to practice effectively and responsibly to technological changes and pursue advanced engineering.*
- *Inculcate applied research to support and contribute to the social and economic well-being of citizens and organizations in nearby region.*
- *Cultivate the entrepreneurial spirit and linkage of engineering education and business for technology commercialization.*
- *Evolve thoughtfully to the changing needs of Industry and surrounding world.*

## ***DEPARTMENT VISION AND MISSION***

### ***Vision***

- *To become a centre of excellence which will produce a pool of Engineering professionals, abreast with technical competence, logical mindsets, moral & ethical values and inner strength synchronous with futuristic requirements of society, global businesses and ecosystem of the universe.*

### ***Mission***

- *To inculcate the culture of innovation, research among the faculty members which in turn help the student to achieve the set goals.*
- *To provide conducive learning environment through the team of motivated, enthusiastic faculty, and the state of art infrastructure.*
- *To promote co-curricular and extra-curricular activities for overall personality development of the student.*
- *To provide excellent blend of theory and practical knowledge to cater to changing needs of Industry and Higher studies.*

## ***NATIONAL SERVICE SCHEME (NSS)***

The National Service Scheme (NSS) is a flagship initiative of the Ministry of Youth Affairs & Sports, Government of India, aimed at fostering a sense of social responsibility, community service, and national development among students. At MET, BKC the *Electronics and Telecommunication (E&TC) Department* has taken an active and enthusiastic role in NSS activities, recognizing the importance of blending technical education with social engagement.

Participation in the NSS scheme provides E&TC students an opportunity to contribute meaningfully to society while developing essential life skills such as leadership, teamwork, empathy, and civic consciousness. The department regularly organizes and takes part in various NSS programs including cleanliness drives, health camps, awareness campaigns, digital literacy initiatives, environmental conservation projects, and rural development activities.

Through their involvement, students not only fulfil their social responsibility but also emerge as well-rounded individuals equipped to serve the nation both as competent engineers and responsible citizens.

➤ **Ganesh Visarjan**

Ganesh visarjan held on 17<sup>th</sup> September 2024 at Godavari Ghat, Nashik. Volunteered by the students of ENTC TE & BE



Glimpses of students volunteering

➤ **Blood Donation Camp**

Blood Donation Camp (2024-25) held on 14<sup>th</sup> October 2024 at central library MET, BKC was conducted by the ENTC Department volunteered by students of TE



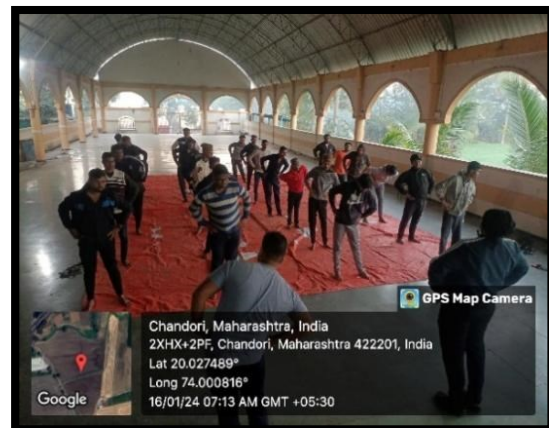
Glimpses of students volunteering in blood donation camp

## ➤ Winter Camp

NSS special winter camp was organized at Chandori Village, Tal. Niphad & Dist.–Nashik from 13th January 2025 to 19th January 2025 along with 75 Volunteers of Institute of Engineering and 26 Staff members. Prof. Y. R. Patni, Prof. Ishwar Bathe and Prof. S. P. Deore (NSS Program officers) took efforts for the success of the winter special camp. Inaugural function of the camp took place in presence of Dr. Vijay kumar Wani (Principal, MET'S Institute of Engineering), Dr. V.J.Gond (Head of the E&TC Engineering Department) in presence of Mr. Vinayak Kharat (Chandori Gram Palika Sarpanch), Mr. Raghunath Tarle, Mr. Sandip Tarle (Maji Sarpanch) of Village. Dr. V. P. Wani and Dr. V. J. Gond guided the NSS Volunteers on the topic of Social Responsibility during college life and explained the importance of social responsibility



Inauguration Session



Yoga Session



Cleanliness drive at public health centre



Awareness of Fire Safety

Glimpses of NSS Camp Jan 2025

## ***REPUBLIC DAY CELEBRATION***

MET's Institute of Engineering, Bhujbal Knowledge City organized flag hoisting ceremony on the occasion of Republic day celebration i.e. 26th January 2025 at amphitheatre, MET campus, Adgaon, Nashik. Mr. Machhindranath Kadam from Maharashtra state board education division secretary were present as a chief guest. Students from MET campus presented the patriotic song and dance performances on this occasion. Mentor of MET campus Dr. Shefali Bhujbal, Principal Dr.V.P. Wani, heads of various departments, HR, Audit, Marcom, trust office staff members, students were present for the celebration.



Glimpse of republic day celebration

## ***TECHNICAL EVENT***

### ➤ **PCB Design and Fabrication**

Two Days Short Term Training Programme on “PCB Design & Fabrication” was held on 5 – 6 September, 2024 under guidance of Prof. Rajesh Rehpade, Pankaj Patil, Shekhar Shinde at Department of E&TC Engineering MET’s Institute of Engineering, Nashik.

No. of students/Faculty attended the Expert Talk – 32

Course Benefits: Good understanding of PCB, its type and designing rules. Exposure to the latest technology with advanced equipment. Hands on experience of PCB layout designing & fabrication. The programme was inaugurated by Principal Dr.

V.P.Wani in presence of HOD Dr. V.J.Gond and faculty members of E&TC Engineering Department. During valedictory function, participation certificates were distributed and participants expressed their views regarding the learning benefits in the workshop and suggested to organize such type of workshops in future too

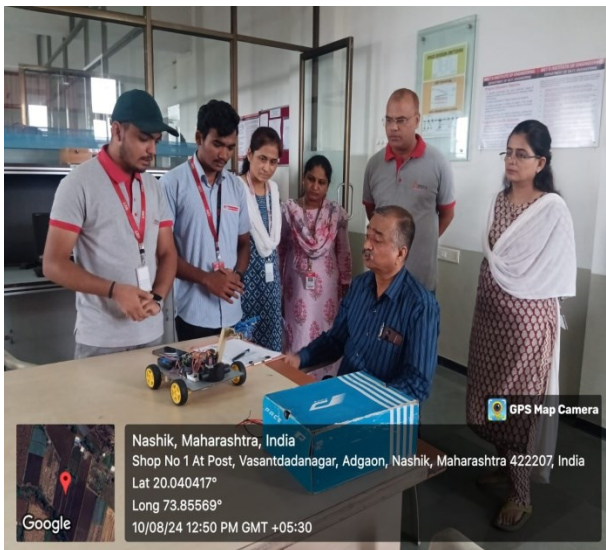


Glimpses of active participation of students in PCB design workshop

### ➤ Project Competition

The Project competition was successfully conducted by the E&TC department on 10<sup>th</sup> august 2024 at 409 VLSI Lab.

This event aimed to provide students with an opportunity to showcase their innovative projects and foster a spirit of collaboration and creativity.



Glimpses of participation in project competition

## ➤ MET Enthusia

The METS Institute of Engineering, Bhujbal Knowledge City, Adgaon, Nashik. Successfully hosted the inaugural edition of *MET Enthusia 2025*, an Inter-College Project and Poster Competition, on 27<sup>th</sup> March 2025. The event aimed to foster creativity, innovation and collaboration among students from diverse academic disciplines. Beyond just a competitive platform, *MET Enthusia 2025* served as a catalyst for holistic student development by encouraging critical thinking, problem solving, team work, and effective communication. It provided students with an opportunity to translate classroom knowledge into practical applications, enhancing their technical acumen and project management skills.

- Event Highlights:

Project Exhibition: Over 135 groups from various colleges across the Nashik District participated in the competition. Showcasing innovative projects in fields like engineering, technology, environmental science, and social impact. The exhibition served as a testament to the student's technical expertise and problem solving capabilities.

Poster Presentation: Students presented their research and creative ideas through visually engaging posters, providing an excellent platform for academic exchange and discussions.

Networking Opportunities: The competition provided a unique chance for students, educators, and industry experts to connect, collaborate, and share knowledge.



Glimpses of MET Enthusia

## *CSR ACTIVITY*

Corporate Social Responsibility (CSR) is a powerful tool that bridges academic knowledge with societal development. Understanding its growing relevance in the modern professional and educational landscape, the Department of Electronics and Telecommunication (ENTC), MET, BKC, actively participates in CSR-driven initiatives aimed at creating a positive social impact under the guidance of Departmental CSR coordinator Prof. Kalindi Mahajan.

### 1. E-waste CSR activity:-

This activity was conducted on 14/10/2024. As a part of ongoing commitment to social responsibility, the Institute of engineering organized a CSR activity under the initiative “Saksham Bharat”, focusing on environmental sustainability. The activity involved setting up a dedicated E-waste collection camp aimed at promoting responsible disposal of electronic waste among student and staff.



Glimpse of active participation of students in e-waste CSR activity

## 2. CSR Donation activity:-

This activity was conducted on 4/04/2024. Under the banner of our ongoing CSR initiative Saksham Bharat, the IOE undertook a meaningful social outreach activity aimed at promoting physical well-being and holistic development among school children. The event was conducted at Ashram school, Dhalewadi, a rural institute committed to educating underprivileged children.





Glimpse of active participation of students in CSR donation activity

## ***EXPERT TALKS & VALUE ADDED COURSES***

### **1. Expert Session on “Perspectives on mind and brain development”.**

Held on 14<sup>th</sup> August 2024 was organized by Department of E&TC in association with IEEE Student Branch. To provide knowledge and guidance to students to enhance their academics and social approach. The activity is coordinated by Dr. Kalindi Mahajan, IEEE Student Branch Counsellor.



Glimpses of expert talk arranged by IEEE Student Branch committee and the Committee formation for the Year 2024-25

## 2. Expert talk on MYSQL Database connectivity with PHP

Held on 30<sup>th</sup> sept 2024 by Prof. Dr. Shwetal Patil & Prof. Mrunal Jagtap, MMCOE, Pune.



Glimpses of expert talk on MYSQL Database connectivity with PHP

### 3. One day Entrepreneurship awareness Program

Organized a one-day Entrepreneurship Awareness Program (EAP) on 25th February 2025 by Mr. Rajesh Chanchlani, Director (CBFC LTD.), MSME Technology Centre Indo German Tool Room, Chatrapati Sambhajinagar.



Glimpses of Entrepreneurship awareness Program

## 4. Expert Session on Recent trends on embedded processor & system design

Held on 11<sup>th</sup> April 2025 conducted by MR. Aniket Deshmukh

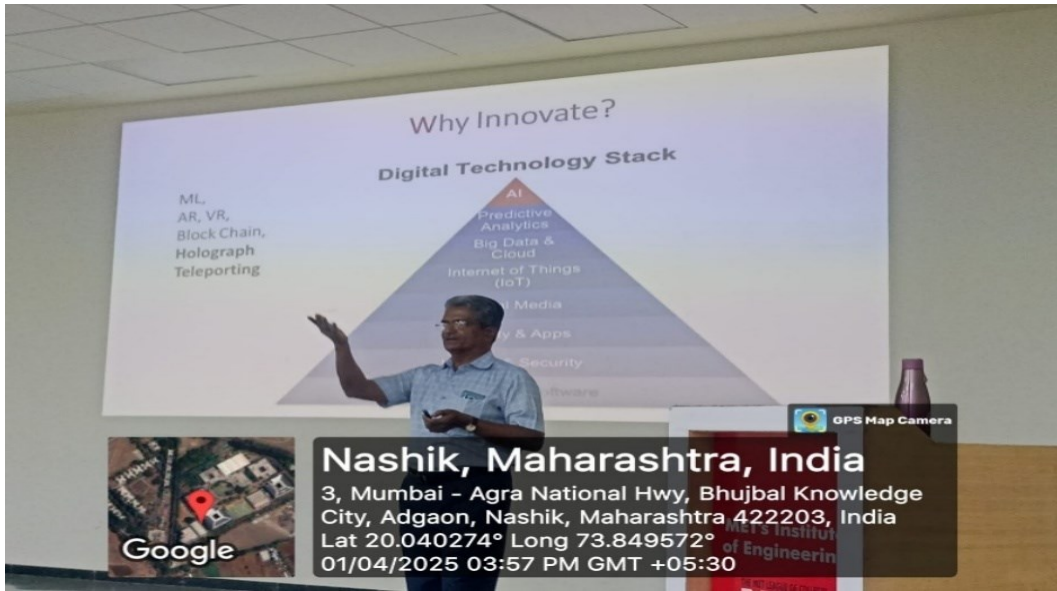


Glimpses of expert session

## 5. Seminar on “Kumbhthon-27”

Held on 01/04/2025, the seminar on "Kumbh-27: A Unique Platform for Innovation & Growth" was organized under the pledge taken for AI: *"We pledge to position India as a Vishwa Guru in AI, leading innovation, ethics, and education, fulfilling our Prime Minister's vision."* This event aimed to explore opportunities for technological advancements, collaborative innovation, and entrepreneurial growth in the context of Kumbh-2027. It brought together esteemed experts from the Kumbhthon Innovation Foundation to share their insights and experiences.





Glimpses of Kumbhthon- 2027

## 6. Alumni Meet

The Alumni Meet held on 22nd March 2025 was a memorable occasion that brought together former students of MET's Institute of Engineering from various graduating batches. The event served as a platform for reconnecting, networking, sharing experiences, and strengthening the bond between alumni and the Institute.



Glimpses of Alumni Meet

## 7. Parents Meet

The Parents Meet held on 25<sup>th</sup> January 2025 for the parents of S.E., T.E. and B.E students. The event served as a platform for reconnecting, networking, sharing experiences, and strengthening the bond between parent and the Institute. And get the feedback from all the parents for further improvements in the Department.



Glimpses of Parents Meet

## *INDUSTRIAL VISIT*

### Industrial Visit Academic Year 2024-25

#### 1) Armstrong Dematic

Manufacturer of Intralogistics & Warehouse Automation

Date: 24 Sept. 2024

Class: BE (E&TC)

**VisitObjective:** An industrial visit to Armstrong Dematic for final year E&TC Engineering students, focusing on practical applications & career readiness on Intralogistics & Warehouse Automation, have the following objectives:



Glimpses of industry visit to Armstrong Dematic

## 2) Sivananda Electronics

Leading manufacturers, wholesalers, and exporters of an impeccable array of Electrical Testing, Measuring Instrument products & Security Entrance Control Systems.

Date: 18 Oct. 2024

Class: SE (E&TC)

### Visit Objective:

- To analyse the design and operating principles of various types of metal detectors manufactured by Sivananda Electronics.
- To examine the manufacturing process of electrical testing and measuring instruments, focusing on the precision and accuracy required.



Glimpses of industry visit to Sivananda Electronics

### 3) ESDS Software Solutions

Cloud and Data centre Service provider

Date: 02 Feb 2025

Class: TE (E&TC)

#### Visit Objective:

- Practical Exposure:-To bridge the gap between theoretical knowledge and real-world applications of cloud computing and data centre technologies. Students can see first-hand how these concepts are implemented.
- Understanding Infrastructure:- To gain insight into the physical infrastructure of a data centre, including servers, networking equipment, cooling systems, power backup, and security measures. This helps them understand the complexities involved in running such facilities.



Glimpses of industry visit to ESDS Software

#### 4) GMRT (Giant Metrewave Radio Telescope)

The Giant Metrewave Radio Telescope (GMRT) is a radio telescope array in India that's used to study radio waves a meter wavelengths. It's the world's largest and most sensitive radio telescope array at low frequencies.

Date: 28 Feb 2025

Class: SE (E&TC)

**Visit Objective :**

- **Technical Aspects:** To examine the design and implementation of the low-frequency receivers and signal processing hardware used in GMRT and to understand the networking and data communication systems that transmit and process the vast amounts of data collected by GMRT. To learn about the control systems and software used to operate and manage the GMRT array and to observe the high precision servo mechanisms that position the massive antennas.





Glimpses of industry visit to GMRT

## 5) Laxmi Agro Polymer

MSME Drip Irrigation Products Manufacturer, Alephata, Pune

Date: 28 Feb 2025

Class: SE (E&TC)

### Visit Objective:

- To gain insights into the operations of an MSME in the agricultural sector.
- To understand the role of E&TC engineers in the development and implementation of agricultural technologies and to observe the use of sensor technology (e.g., moisture sensors, flow sensors) in drip irrigation systems and to understand the role of control systems and automation in drip pipe manufacturing systems.
- To identify potential career paths in precision agriculture, automation, and related fields.



Glimpses of industry visit to Laxmi Agro Polymer

## ***TRAINING AND PLACEMENT RECORD***

### **Training and placement record**

<b>Name of student</b>	<b>Program graduated from</b>	<b>Name of the employer with contact details</b>	<b>Pay package</b>
Sneha Magar	BE E&TC from MET's IOE,BKC, Nashik	RSquare Soft Technologies, Pune bus stop, Opp Patanjali store,Near Kalewadi Phata flyover, Aundh - Ravet BRTS Rd, Shivraj Nagar, Wakad, Pimpri-Chinchwad, Maharashtra 411057 Pune	Rs.3 LPA
Arthaya Marathe	BE E&TC from MET's IOE,BKC, Nashik	Wipro Pari,Pune Address:1919/32 to 35 Rajwade Commercial Complex, 4th floor, office No. 10, 11 & 12, behind SBI, Ambegaon Branch, Mumbai-Katraj bypass road, AmbegaonBuduruk, Katraj, Pune, Maharashtra 411046 Tel: 020 2521 8372	Rs. 3.5 LPA
lucky Pawar	BE E&TC from MET's IOE,BKC, Nashik	Capital Via,IndoreCapitalVia Global Research Limited 903, B-1, 9th Floor, NRK Business Park, Scheme No. 54, P.U.-4,Vijay Nagar Square, Indore-452010, Madhya Pradesh, India	Rs. 4.18 LPA
Shubham S. Shinde	BE E&TC from MET's IOE,BKC, Nashik	Wipro Pari,Pune Address:1919/32 to 35 Rajwade Commercial Complex, 4th floor, office No. 10, 11 & 12, behind SBI, Ambegaon Branch, Mumbai-Katraj bypass road, AmbegaonBuduruk, Katraj, Pune, Maharashtra 411046	Rs. 3.5 LPA

		Tel: 020 2521 8372	
Suhani Sinha	BE E&TC from MET's IOE,BKC, Nashik	Infosys,Pune Plot No. 1, Infosys Limited, Hinjawadi Phase II, Hinjawadi Rajiv Gandhi Infotech Park, Hinjawadi, Pune, Pimpri-Chinchwad	Rs. 3.5 LPA
Akanksha Kapse	BE E&TC from MET's IOE,BKC,Nashik	ChemitoInfotechPvt. Ltd. Address: D-1/27, MIDC Ambad, Nashik, Maharashtra 422010 Phone: 0253 663 2727	Rs. 2.5 LPA
Hruthik Kanade	BE E&TC from MET's IOE,BKC,Nashik	Rishabh Instruments, Nashik F-31, MIDC, Satpur, Nashik - 422007, Maharashtra, India	Rs. 2.88 LPA
Chaitali Patil	BE E&TC from MET's IOE,BKC,Nashik	MarkEnHealthTech Pvt,Ltd.,Nashik Medical Equipment Manufacturer Shed No.1, Plot No.93/1 Street No.17 · 091303 05959	Rs. 2.5 LPA
Tanmay Bagul	BE E&TC from MET's IOE,BKC,Nashik	Mahindra & Mahindra, Nashik Address: Satpur MIDC Main Rd, MIDC, Satpur Colony, Nashik, Maharashtra 422007 Phone: 0253 661 3022	Rs. 4.2 LPA
Vaishnavi Shinde	BE E&TC from MET's IOE,BKC,Nashik	L Cube Innovative Solutions Address: Phase 2, WadgaonBudruk, Narhe, Pune, Maharashtra 411041	Rs. 3.0 LPA
Gauri Takalkar	BE E&TC from MET's IOE,BKC,Nashik	Mahindra & Mahindra, Nashik Address: Satpur MIDC Main Rd, MIDC, Satpur Colony, Nashik, Maharashtra 422007 Phone: 0253 661 3022	Rs. 4.2 LPA
Shubham Gaikwad	BE E&TC from MET's IOE,BKC,Nashik	R.R. Plast Extrusions Pvt. Ltd. 164/4, 12/1, NH-3, Behind Hotel Pariwar Garden, Village Asangaon (W) - 421 601, Shahapur, Thane, Maharashtra, India.	Rs. 2.16 LPA

		Mobile: +91 8657508968	
Pooja Yeola	BE E&TC from MET's IOE,BKC,Nashik	Mahindra & Mahindra, Nashik Address: Satpur MIDC Main Rd, MIDC, Satpur Colony, Nashik, Maharashtra 422007 Phone: 0253 661 3022	Rs. 4.2 LPA
Rucha Bhagure	BE E&TC from MET's IOE,BKC,Nashik	Softdel Systems Pvt. Ltd. Address: 3rd Floor, Pentagon 4, Magarpatta, Hadapsar, Pune, Maharashtra 411028	Rs. 3.5 LPA
Kamlesh Kshirsagar	BE E&TC from MET's IOE,BKC,Nashik	STRUmed solutions private limited Address: Plot No. 44, Off, Hazira Rd, behind Tata Motors, Ichhapore GIDC, Industrial Estate, Bhatpore, Surat, Gujarat 394510	Rs. 3.5 LPA
Omkar Bhoj	BE E&TC from MET's IOE,BKC,Nashik	MarkEnHealthTech Pvt,Ltd.,Nashik Medical Equipment Manufacturer Shed No.1, Plot No.93/1 Street No.17 · 091303 05959	Rs. 2.5 LPA
Siddhi Baghmar	BE E&TC from MET's IOE,BKC,Nashik	KodyTechnolabLtd.,AhmedabadAddress: 2nd floor, J block, Mondeal Retail park, Besides Iscon mall, Iscon cross road, Sarkhej - Gandhinagar Hwy, Ahmedabad, Gujarat 380015 Phone: 093772 29944	Rs. 3.5 LPA
Om Khandale	BE E&TC from MET's IOE,BKC,Nashik	TecnaWeldcon India Pvt Ltd.,Nashik MIDC Ambad, Nashik, Maharashtra 422007	Rs. 3.27 LPA



**PLACEMENT DETAILS: ACADEMIC YEAR 2024-25  
DEPARTMENT OF E&TC ENGINEERING, IOE, BKC, NASHIK**

## Higher studies

Name of student enrolling into higher education	Program graduated from	Name of institution joined	Name of programme admitted to
Saisha Prashant Hiray	MET IOE NASIK	Arizona State University, Tempe, US	Data science analytics and engineering

## ***FDP WORKSHOP/CONFERENCE (STAFF)***

<b>Name of Staff</b>	<b>Title of the program</b>	<b>Duration</b>
Dr.V.J.Gond	One week Online STTP on Recent Trends in Sensors and Internet of Things at SVNIT, Surat	26/05/2025 to 30/05/2025
Dr.M.G.Shinde	ATAL FDP at KKW IEER on AI-driven Educational Technologies for Advanced Teaching and Learning	20/01/2025 to 25/01/2025
Dr.M.G.Shinde	NPTEL-12 weeks course on Modern Digital communication techniques, Passed exam with 82%	22/7/2024-11/10/2024
Dr. A. U. Gupta	NEP 2020 Orientation & Sensitization Programme	24-03-2025 to 01-04-2025
Dr. A. U. Gupta	ATAL Practical Insights into RF System Design	06-01-2025 to 11-01-2025
Dr. A. U. Gupta	Maturing AI and GPT: Unleashing the power of Intelligent Automation	09-09-2024 to 13-09-2024
Dr. A. U. Gupta	Exploring IOT & 5G using AL,ML	02-09-2024 to 06-09-2024
Dr.R.B.Rehpade	Recent Trends in Hybrid & Electric Vehicles	24-03-2025 to 28-03-2025
M. R. Mahajan	Faculty orientation Ws, FE 2024 pattern	31-07-2024 to 31-07-2024
M. R. Mahajan	NEP 2020 Orientation & Sensitization programme	24-03-2025 to 01-04-2025
P. S. More	Bridging Academia by Advancing Research and Teaching with AI and Machine Learning	01-07-2024 to 05-07-2024
P. S. More	Faculty Orientation workshop on Basic Electronics	31-07-2024

	Engineering (2024 Pattern NEP 2020)	
P. S. More	Shaping the Future of Teaching with Industry	13-08-2024
P. S. More	Faculty Orientation Workshop for SE (E&TC/Elex) Revised Syllabus Framing 2024 Course	28-04-2025
U.B.Barahate	AICTE Training And Learning (ATAL) Academy Faculty Development Program on Practical Insights into RF System Design at MARATHWADA MITRA MANDAL'S COLLEGE OF ENGINEERING	06/01/2025 to 11/01/2025
U.B.Barahate	Participated in the National Faculty Development Program on Cybersecurity	30th Jan2025
U.B.Barahate	Participated AICTE-IDEA Lab -6Days FDP on "Industrial Automation"	9th-14th Sept 2024
U.B.Barahate	National Level Short-Term Training Program on JAVA Full Stack with React JS & AI	2/12/24 to 22/12/24
Savita P. Deore	NEP 2020 Orientation & Sensitization Programme	24-03-2025 to 01-04-2025
Savita P. Deore	NPTel AICTE FDP on Data Base Management System	Jul-Sep 2024 (8 week course)
Savita P. Deore	Exploring IOT & 5G using AI,ML	02-09-2024 to 06-09-2024
Savita P. Deore	ATAL Practical Insights into RF System Design	06-01-2025 to 11-01-2025
Dr.K.D.Mahajan	ATAL FDP at KKW IEER on AI-driven Educational Technologies for Advanced Teaching and Learning	20/01/2025 to 25/01/2025
Dr.K.D.Mahajan	1-Week ISTE STTP on Bridging Academia by Advancing	01-07-2024 to

	Research and Teaching with AI and Machine Learning	05-07-2024
Dr.K.D.Mahajan	NPTEL-8 weeks course on Analysis And Design Principles Of Microwave Antennas	Aug-Oct 2024 (8-week)
Nitin L. Ahire	12 weeks Faculty Development Program on "Introduction to internet of Things"	1-7-2024 to 1-10-2024
Nitin L. Ahire	One Week Online Faculty Development Program "Harnessing Intelligence: Deep Dive into machine Learning."	10-3-2025 to 14-3-2025
P.A.Patil	4 weeks NPTEL FDP on "Demystifying networking"	JULY- AUG 24
P.A.Patil	4 weeks NPTEL FDP on "Software testing"	JAN- FEB 25
Priti V.Choudhari	ATAL FDP at KKW IEER on AI-driven Educational Technologies for Advanced Teaching and Learning	20/01/2025 to 25/01/2025
Priti V.Choudhari	"NPTEL- 8 weeks course on 'The Science Of Happiness &Wellbeing"	Aug-Oct 2024 (8-week)
Priti V.Choudhari	Workshop on "Empowering Educators: Understanding& Implementing NEP2020"	21/6/2025

## STAFF & STUDENT ACHIEVEMENTS

### ➤ STAFF ACHIEVEMENTS

#### Conference Paper Published by staff

Sr. No.	Name of the teacher	Title of the paper	Name of the conference	Affiliating Institute at the time of publication
1	Dr. V.J. Gond	A Comprehensive Review of IoT Gateways and Clouds	ICIA-MET'25	MET'S IOE, Nashik
2	Prof. D.B. Ahire	A Comprehensive Review of IoT Gateways and Clouds	ICIA-MET'25	MET'S IOE, Nashik
3	Prof. Nitin L. Ahire	A Comprehensive Review of IoT Gateways and Clouds	ICIA-MET'25	MET'S IOE, Nashik
4	Dr. Anni U. Gupta	Deep Learning Method to De-Noise the Medical Images	ICIA-MET'25	MET'S IOE, Nashik
5	Dr. Anni U. Gupta	IOT Based Attendance System	ICIA-MET'25	MET'S IOE, Nashik
6	Dr. Anni U. Gupta	Deep-Prenatal: a Deep Learning Approach for Detection and Analysis of Nuchal Translucency for Enhanced Prenatal Screening	14th IEEE CSNT2025	MET'S IOE, Nashik
7	Dr. Rajesh Rehpade	Laser Engraving Machine	ICIA- MET 2025	MET'S IOE, Nashik
8	Prof. Priyanka. S. More	Autonomous Fire Suppression Robot with Machine Learning	ICRATM-2025	PVG's College of Engineering, Nashik
9	Prof. Savita P. Deore	Solar Based Grass Cutter with Lawn Coverage	ICIA- MET 2025	MET'S IOE, Nashik
10	Prof. Savita P. Deore	Landmine Detection Robotic Vehicle with GPS Positioning	ICIA- MET 2025	MET'S IOE, Nashik
11	Prof. Nitin L Ahire	Develop a System to Controlled Prosthetic Hand by using EMG	ICIA- MET 2025	MET'S IOE, Nashik
12	U.B. Barahate	Autonomous Fire Suppression Robot with Machine Learning	ICRATM-2025	PVG's College of Engineering, Nashik
13	Prof. Nitin L Ahire	A Smart Cradle with Integrated IoT for Enhanced Infant Safety and Well-being	ICRATM-2025	MET'S IOE, Nashik
14	Prof. Dnyaneshwar.B. Ahire	Optimization Method for Abnormal Heart Sound Detection: A Review	ICRATM-2025	MET'S IOE, Nashik

15	Dr. Kalindi Mahajan	Autonomous Agricultural Rover: Revolutionizing Precision Farming with Robotics 54 and Automation	ICRATM-2025	MET'S IOE, Nashik
16	Dr. Kalindi Mahajan	Smart Trolley Billing System	ICIA- MET 2025	MET'S IOE, Nashik
17	Prof. Priti Choudhari	Emotion Recognition Based On Text Using Artificial Neural Network for Natural Language Processing	ICRATM-2025	MET'S IOE, Nashik

## Ph.D. Completion:



**Prof. Anni U. Gupta** has successfully completed her **PhD** from Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal on the Topic “Efficient Techniques for Assessment of Interstitial Lung disease”




**Prof. Rajesh B. Rehpade** has successfully completed his **PhD** from Savitribai Phule Pune University on the Topic “Design of High-Speed Printed Circuit Boards to Ensure Signal Integrity and Power Integrity”




**Prof. Kalindi D. Mahajan** has successfully completed her **PhD** from Sardar Vallabhbhai National Institute of Technology (SVNIT), Surat on the Topic “Design and Performance Analysis of Microwave Sensing Devices to Identify Raw, Ripe and Spoilt Fruits”

**Book Published:**


**Congratulations**  
for publishing a book





(Author)  
Dr. Dnyaneshwar  
B. Ahire



(Co-Author)  
Prof. Vitthal J.  
Gond



(Co-Author)  
Mr. Nitin L. Ahire

**Title: Smart Weather Monitoring System**  
 Subtitle: IoT Based Real-Time Monitoring  
 of Meteorological Data

**International Publisher: Eliva Press SRL,  
 Republic of Moldova, Europe**

**Dr.Dnyaneshwar.B.Ahire, Dr.Vitthal.J.Gond and Prof. Nitin.L.Ahire** published a **Book** with Eliva Press SRL, Republic of Moldova, Europe, and Titled “Smart Weather Monitoring System”.

SCI Index paper published:



Home > [Analog Integrated Circuits and Signal Processing](#) > Article

## Development of a novel microwave planar sensor for the fruit quality detection using free space transmission method

Published: 20 January 2025  
Volume 122, article number 12, (2025) [Cite this article](#)

[Kalindi S. Shinde](#) ✉, [Shweta N. Shah](#) & [Piyush N. Patel](#)

**Prof. Kalindi Mahajan** has published a Research article with **SCI Indexing Journal- Analog Integrated Circuit and Signal Processing** by Springer Nature on “Development of a Novel Microwave Planar Sensor for the fruit quality detection using free space transmission method”

**Academic Speaker in Advanced Materials Science World Congress 2025, London, UK**



**Prof. Kalindi Mahajan**

Invited **Distinguished Speaker** Presenting an **SCI-Published Article** at the **Advanced Materials Science World Congress, London, UK** on **24 March 2025**

**Prof. Kalindi D. Mahajan** has been invited as a **Distinguished Academic Speaker** in **Advanced Materials Science World Congress 2025, London, UK** on the Topic “Development and Performance Analysis of Microwave Planar Sensor for food quality assessment”.

**NPTEL TOPPERS:**

**NPTEL LOCAL CHAPTER**  
 National Program on Technology Enhanced Learning (NPTEL), a joint venture of Government of India, Ministry of Education and Indian Institute of Technologies - IITs and IISc under the umbrella of SWAYAM

*Congratulations*  
 Achievements

NPTEL LEGENDS of **July-Dec 2024** SEM for  
 MET'S IOE NPTEL LOCAL CHAPTER

**GOLD and Toppers Certification Category**

**Uma B. Barahate** faculty - 2% Topper + **GOLD**  
 Dept:ENTC; Course: Introduction to Internet of Things

**Dinesh P. Panche** faculty - 2% Toppers + **GOLD**  
 Dept:Mech; Course: Refrigeration and Air-conditioning

**Wagh Vivek** faculty - 5% Toppers + **GOLD**  
 Dept:Civil; Course: Building Materials as a Cornerstone to Sustainability

**Dnyaneshwar B. Ahire** faculty - 5% Toppers + **GOLD**  
 Dept:ENTC; Course: Introduction to Internet of Things

**Rajmal Suwalal Jain** faculty - **GOLD**  
 Dept:Mech; Course: Logistics & Supply Chain Mgt.



**SILVER and Toppers 5% Certification Category**

**Puneet Eknath Patel** Faculty Dept:IT; Programming In Java

**Pallavi Mahesh Takate** Faculty Dept:IT; Programming In Java

**Savita Prashant Deore** Faculty Dept:ENTC; Database Mgt. System

**Pratik Mali** Student Dept:AI&DS; Python for Data Science

**Sharad Kisan Nirgude** Faculty Dept:Mech; Mfg. Processes - Casting and Joining

**SILVER Certification Category**

Chaitanya E.Thakare, Student [Civil]; Tejas D. Shirole, Student [Comp]

Aubaid Mohammad, Student [Electrical]; Kunal C. Thormise, Student [Electrical]

Bhushan B. Jadhav, Student [Electrical]; KISHOR T. UGALE, Faculty [Electrical]

Samruddhi M. Aher, Student [IT]; Kirti A. Patil, Faculty [IT]

Hemant V. More, Student [AI&DS]; Pankaj A. Patil, Faculty [ENTC]

Manisha G. Shinde, Faculty [ENTC]; Sachin P. Kakade, Faculty [Mech]

Ajit Mahajan, Student [Mech]



1. **Uma B. Barahate** – 2% Topper+GOLD-Introduction to Internet of Things
2. **Dnyaneshwar B. Ahire**- 5%Topper +GOLD- Introduction to Internet of Things
3. **Savita P. Deore**- 5% Topper+ SILVER: Database Mgt.Systems
4. **Manisha G. Shinde**- SILVER
5. **Pankaj P. Patil**- SILVER

➤ **STUDENT ACHIEVEMENTS**

**Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)**

<b>Date of event/activity (DD-MM-YYYY)</b>	<b>Name of the event/activity</b>	<b>Name of the student participated</b>
27/11/2024 to 29/11/2024	Inter Zonal Boxing (Male) competition representing the Nashik District Zone	Mayur Sunil Gawale (TE E&TC)
03/01/2025	Team Championship of Men Under 20yrs Group in the Maharashtra State Cross Country Championship 2025	Durgesh Ahire (SE E&TC)
16/12/2024 to 22/12/2024	Football Team for West Zone Inter University Tournament during the year 2024-25	Junaid Wani (BE E&TC)
20/9/24	Carom-METEORITE 2024 competition	Samarth Malode (TE E&TC) Pranav Kela (TE E&TC)
27/01/2025	Bhujbal Premier League Cricket Competition Winner out of 32 Teams	Junaid Wani (BE E&TC) Arthay Marathe (BE E&TC)

### Jilha Yuva Puraskar:



**Ms. Saniya Khan** from Final year E&TC student has been honoured with the **Jilha Yuva Puraskar** from Jilha Krida Adhikari,Nashik due to her extraordinary social activities in the year of 2023-24.

### Excellence Award in project competition:



**Ms.Gauri Takalkar, Ms.Chetna Patil and Ms. Vaishnavi Somase**, Final Year E&TC students achieved a winning **excellence award in Project competition** held at HAL,Nashik on Science and Technology Day. Project Title: "IOT Based Smart Infant Care Cradle".

Abroad Universities Selection:

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**MET**  
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**Bhujbal Knowledge City**  
Department of E & TC Engineering

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NATIONAL BOARD OF ACCREDITATION  
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*Congratulations*

Saisha Hiray

*For being selected for*

**Top 10 MS Programme Universities**

Ms.Saisha Hiray of Final Year E&TC student has been selected in all **10** applied abroad Universities for the MS Programme.



Mr.Durgesh Ahire of Second Year E&TC **first Place** in **Maharashtra State Cross Country Championship**, Amravati by Maharashtra Athletic Association.



Mr. Durgesh Ahire of Second Year E&TC secured **First Place** in 5km Dhule Marathon.



Mr. Juniad Wani and Mr. Arthaya Marathe of Final Year E&TC students **won the District level Champions** of MET Utsav 2025-Bhujbal premier league- Cricket Tournament among 32 participated teams.



**Mr. Shubham Gaikwad and Ms. Bhagyashri Gosavi won Second Prize in Project Competition** held at Parvatibai Genba Moze COE, Pune on Project Title “Car accident detection and alert system”.

### **Outstanding Achievement: Shining Stars of E&TC Department**

*Congratulations*  
**FOR OBTAINING 10 SGPA SCORE**  
in the final year examination of  
**Electronics & Telecommunication Engineering 2025**

**SAISHA HIRAY**  
Dept. of E&TC  
MET, Institute of Engineering

We are immensely proud to announce that **Ms. Saisha Hiray**, a final-year student from the **Electronics and Telecommunication Engineering (E&TC) Department**, has achieved an exceptional academic milestone by securing a **perfect 10 SGPA** in the final year university examination.

**INSTITUTE OF ENGINEERING**  
**DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION**

*Congratulations*

FOR OBTAINING  
**10 SGPA SCORE**  
in the final year  
examination of  
Electronics &  
Telecommunication  
Engineering 2025



**VAISHNAVI SHINDE**  
Dept. of E&TC  
MET, Institute of Engineering

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Adgaon, Nashik-422003 | FOLLOW US



We are immensely proud to announce that **Ms. Vaishnavi Shinde**, a final-year student from the **Electronics and Telecommunication Engineering (E&TC) Department**, has achieved an exceptional academic milestone by securing a **perfect 10 SGPA** in the final year university examination.

### Outstanding Achievement: GATE Exam Qualifiers

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Department of E & TC Engineering



*Congratulations*

Madhavi Gaikwad  
For qualifying the exam  
**GATE - 2025**

**G.A.T.E.**  
Graduate Aptitude Test in Engineering

MET Institute of Engineering, Nashik

**Ms. Madhavi Gaikwad** from Third Year E&TC has qualified **GATE-2025**.

THE MET LEAGUE OF COLLEGES  
**MET**  
AS SHARP AS YOU CAN GET

**Bhujbal Knowledge City**  
Department of E & TC Engineering

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*Congratulations*

Sangam Wagh  
For qualifying the exam  
**GATE - 2025**

**G.A.T.E.**  
Graduate Aptitude Test in Engineering

MET Institute of Engineering, Nashik

**Mr. Sangam Wagh** from Third Year E&TC has qualified **GATE-2025**.

## STUDENT CORNER



By Shraddha Sonar (SE ENTC)



By Anushka Landge(SE ENTC)




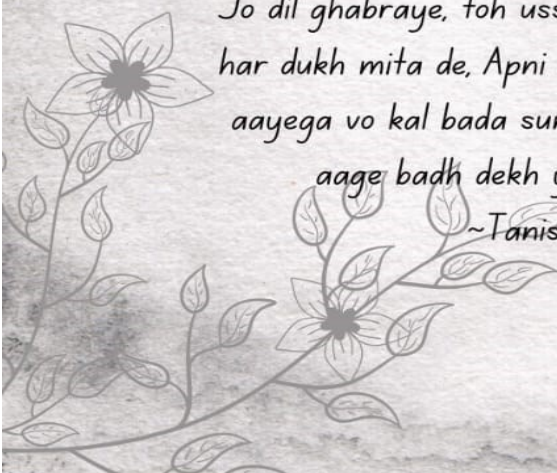
## *Dekh yeh jahan tera hai!*

Zindagi har pal ek naya ehsaas hai, Kabhi sawal, toh kabhi jawaab hai. Haar bhi manzil ka ek mod hai, Jeet sirf hauslon ka zor hai. Tu hi safar, tu hi sahara, Tu hi samandar, tu hi kinara. Gir ke uthna, ye shaan ho teri, Chalte rehna, pehchaan ho teri. Har shaam ke baad savera hai, Umeed rakh... tu aage badh, dekh yeh jahaan tera hai!

Har aansu ek naya sabak hai, Har dukh ke paar ek naya falak hai. Andhiyaaron mein raah dhoond, Girte sitaron ki chaah dhoond Apne hauslon ko aasmaan tak pahuncha de, Apni roshni se duniya chamka de. Bhale chhaya bhay ka andhera hai Umeed rakh... tu aage badh dekh yeh jahaan tera hai!

Ek soch hai, ek aag hai tu, Jo bhujega na kabhi vo chirag hai tu. Jo sapne dekhe, unhe poora kar lena Jo dil ghabraye, toh usse behla lena Muskurahat se har dukh mita de, Apni kahani duniya ko suna de Jo aayega vo kal bada sunehra hai Umeed rakh... tu aage badh dekh yeh jahaan tera hai!

~Tanisha Katare



## BHAGAVAD GITA : A TIMELESS WISDOM FOR MODERN LIFE !!

The Bhagavad Gita stands as a timeless beacon of wisdom and guidance for humanity. Written five thousand years ago by Maharishi Ved Vyas, the Bhagavad Gita is the composition of divine words spoken by the Supreme Lord Shree Krishna Himself. Its timeless teachings continue to resonate with people from all the walks of life.

Why Bhagavad Gita's relevance remain undiminished in this modern world?

- 1) Unveiling Universal Truths: Your Guide to meaningful Life.  
The Bhagvad Gita addresses fundamental questions about life. It offers exploring theme such as duty (Dharma), action & reaction (Karma), devotion (Bhakti).
- 2) A Moral Compass: The Bhagvad Gita on Ethical Conduct.  
Through the dialogue between Lord Krishna and Arjuna, the Gita elucidates the importance of fulfilling one's duties without attachment to result.
- 3) A Path to Spiritual Enlightenment: It introduces the concept of eternal soul (Atma) & its relationship between universal consciousness. It teaches path to liberation (Moksh).
- 4) Finding Inner Peace in Modern times: Guide to Manage stress  
The Bhagvad Gita serves source of solace & guidance.
- 5) A Global Influence: The Gita Reach Beyond Borders.  
The Gita's message of universal love, tolerance & acceptance continues to bridge cultural divides.

As we navigate the complexities of modern world, the Bhagavad Gita remains an invaluable guidebook for finding inner peace, and spiritual enlightenment.

By Unnati Chaudhari (FE ENTC)



**Faculty Members and Students of Academic Year 2024-25**