



KJ's Educational Institutes,
K J College of Engineering & Management Research, Pune.
(NAAC Accredited)

Department of Electronics & Telecommunication Engineering
News Letter A.Y. 2024-2025

**ABOUT
DEPARTMENT**

The department of Electronics and Telecommunication (E&TC) Engineering came into existence in 2009 by the approval of All India Council of Technical Education (AICTE) New Delhi. The program has been affiliated to Savitribai Phule Pune University, Pune. Department of Electronics & Telecommunication has maintained pace with the cutting edge technology through research, tie up with the industries, updated laboratories etc. Our Department is equipped with outstanding infrastructure and boasts of a unit of learned and dedicated faculty members who work with zeal and enthusiasm to provide a vibrant and optimum learning environment to the students. It helps to acquire the skills which are required to excel in today's competitive environment. Faculty and Students have published many research papers at National and International conferences and journals. Few of them received recognition awards. The department has established Institute of Electrical and Electronics Engineers (IEEE) Student Branch, IETE Students' Forum (ISF) and Electronics & Telecommunication Engineering Student Association (ETESA). Department has well-established library other than central library for easy and fast access

VISION

“To become a leading department in the field of Electronics and Telecommunication Engineering with excellence in academics to develop technologically and ethically societal strong individuals.

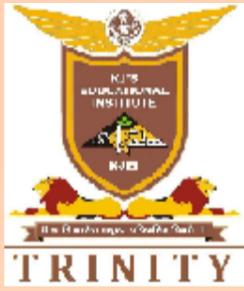
MISSION

“M1- To impart the technology of Electronics and Telecommunication Engineering with excellence in academics to develop technologically and ethically strong individuals.

M2- To establish linkages between industry and academia for the overall development of students.

M3- To promote innovative ideas in solving problems having social relevance.





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Programme Specific Outcomes (PSOs)

- PSO1-** Using state-of-the-art technology and software, design, test, and implement electronic systems and appliances for industrial automation, embedded systems, and the Internet of Things.
- PSO2-** Architect, classify and select suitable technologies for the implementation of wired and wireless communication systems.

Program Educational Objectives (PEOs)

- PEO1:** As sociated with the Electronics and Telecommunication engineering fields and related disciplines by designing, developing, integrating, and testing products, software, and systems.
- PEO2:** Apply engineering knowledge and skill sets to Electronics and Telecommunications to solve problems with social relevance.
- PEO3:** Become a successful entrepreneur in fields or pursue higher education or research in the engineering and management fields.

Programme Outcomes (POs)

- PO1 Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
- PO2 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.
- PO3 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.
- PO4 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.
- PO5 Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
- PO6 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.
- PO7 Environment and sustainability:** understand the impact of the professional engineering solutions in societal and environmental contexts, demonstrate the knowledge of, and need for sustainable development.
- PO8 Ethics:** Apply ethical principles and commit to professional ethics, responsibilities, and norms of the engineering practice.
- PO9 Individual and teamwork:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
- PO10 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.
- PO11 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.
- PO12 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.

DEPARTMENT OBJECTIVES

1. To achieve academic excellence through creation of innovative, ethical & globally acceptable professional in the field of Electronics and Telecommunication Engineering' satisfying social and technical needs.
2. To develop the analytical and synthesizing capabilities of the students in industrial training and projects by raising the spirits in their qualities through technical education and research environmental around.
3. To develop communication and interpersonal skills this is much Needed for self employment here after



Dr.Pramod U.Chavan
Associate Professor & Head of Department

As the Head of Electronics and Telecommunication Engineering, the department is committed to foster excellence in teaching-learning process. Our dedicated faculty is committed to nurture the skills and preparing the students for dynamic careers in technology. The department strives to equip students with cutting-edge knowledge and skills to meet the evolving demands of the industry. We promote a collaborative learning environment, encouraging research and development. Our goal is to empower students to become versatile professionals who contribute significantly to the advancements in Electronics and Telecommunication Engineering. Together, let us build a future where technology transforms lives.

Teaching Faculty of the department

Sr. No.	Name of the Faculty	Designation	Qualification	Teaching Experience (years)	Industrial Experience	Area of Interest
1.	Dr.P.U.Chavan	Associate Professor	Ph.D, MTech	27	—	Communication Engineering
2	Dr.R.G.Zope	Associate Professor	Ph.D, M.Tech.	33	—	Communication Engineering
3	Prof.V.D.Ghanekar	Asst. Prof.	M.E. PhD (Pursuing)	11.6	4	Embedded Systems
4	Prof.R.G.Shaikh	Asst.Prof.	M.Tech ,PhD (Pursuing)	11	10	Wireless Sensor Networks
5	Prof.S.J.Kale	Asst.Prof.	M.E, PhD (Pursuing)	20	—	Electronics, Digital Electronics
6	Prof.P.S.Gham	Asst. Prof.	M. E. PhD (Pursuing)	8	4	Embedded Systems
7	Prof.J.M.Sandur	Asst. Prof.	M.E PhD(Pursuing)	9	2.5	Electronics, Communication
8	Prof.S.Perveen	Asst. Prof	M.Tech	2	-	Electronics, Digital Electronics
9	Prof.G.S.Kadam	Asst. Prof.	ME	10		-- Power Electronics
10	Prof. Vaibhav Nema	Asst.Prof.	ME	12	--	Communication Engineering
11	Ms. Swapnali Dhume	Teaching Assistant	BE, ME (pursuing)	13	1.6	—
12	Mr.N.L.Saste	Lab attendant	BA	-	14	—

DEPARTMENT ACTIVITIES

1 Department of Electronics and Telecommunication Engineering organized ISTE approved One Week Short Term Training Program (STTP) on “**Incorporating Universal Human Values in Technical Education**” during 7th October 2024 to 11th

KJEP's
K J College of Engineering and Management Research
 Pune- 411048

ISTE Approved Short Term Training Program
on
"Incorporating Universal Human Values in Technical Education"

Organized By
Department of Electronics & Telecommunication Engineering
[07/10/2024 to 11/10/2024]

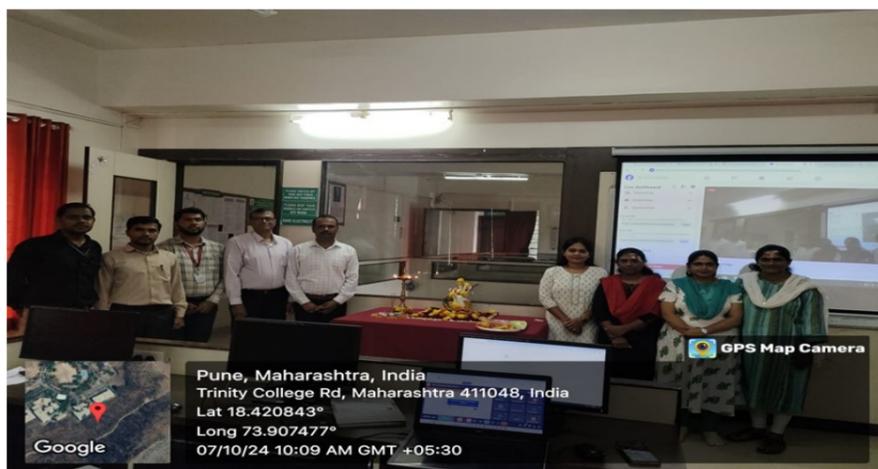

Coordinator
Dr. R. G. Zope/Prof.S.J. Kale
Assoc.Prof./Asst.Prof.,E&TC Department


Convener
Dr. P. U.Chavan
HOD E&TC Department


Patron
Dr. Suhas S. Khot
Principal,KJCOEMR



Dr. Pramod Chavan STTP Convener & HOD (E&TC) performing the Deep Prajwalan ceremony to inaugurate the function along with Prof.R.G. Shaikh with Prof.S.J. Kale and Prof V.D. Ghanekar



Dr. Pramod Chavan HOD (E&TC) & Convener STTP ,Dr. R.G.Zope /Prof.S.J. Kale STTP coordinators Dr. Pramod Chavan STTP Convener & HOD (E&TC) performing the Deep Prajwalan ceremony to inaugurate the function along with Prof.R.G. Shaikh with Prof.S.J. Kale and Prof V.D. Ghanekar

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K J College of Engineering and Management Research
Accredited by NAAC, Affiliated to Savitribai Phule Pune University , Approved by AICTE, DTE Govt. of Maharashtra. Near Khadimachine Chowk, Kondhwa Annexe, Pune 411 048, Ph: 8446021199, _ www.kjei.edu.in/kjcoemr

ISTE approved One Week STTP
"Incorporating Universal Human Values in Technical Education"
Organized by E&TC Department, KJCOEMR, Pune.


Coordinator
Dr. R. G. Zope/ Prof.S.J Kale
Assoc.Prof./Asst.Prof., E&TC Department


Convener
Dr. P. U. Chavan
HOD E&TC Department


Patron
Dr. Suhas S. Khot
Principal,KJCOEMR .

Mode of Conducting Webinar: Meeting mode is Online and Meeting link will be share to all participant on email/ WhatsApp Group

Session Details

"Keynote Speaker"

Date: 07/10/2024 Time : 10.00 AM

Speaker:



Dr. Vilas Warudkar,
 Associate Professor
 Maulana Azad National Institute
 of Technology, Bhopal

Key note Address by Dr. Vilas Warudkar, Associate Professor Mechanical Engineering Maulana Azad National Institute of Technology, Bhopal Dated: 7th October 2024

Department organizes SPPU,Pune Aviskar 2024 project contest for final year engineering students on 25/09/2024



Industry expert session for BE students by Mr. Bhushan Botre on 25/09/2024



Industry expert session for BE students by Mr. Harsh Bhutada On 25/09/2024



DEPARTMENT LABORATORIES



Power Device and Circuit –Lab



COMPUTER LAB –I



COMMUNICATION LAB –II



COMMUNICATION LAB –I