



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

Department of Electronics & Telecommunication Engineering
News Letter A.Y. 2023-2024

**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 associated 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



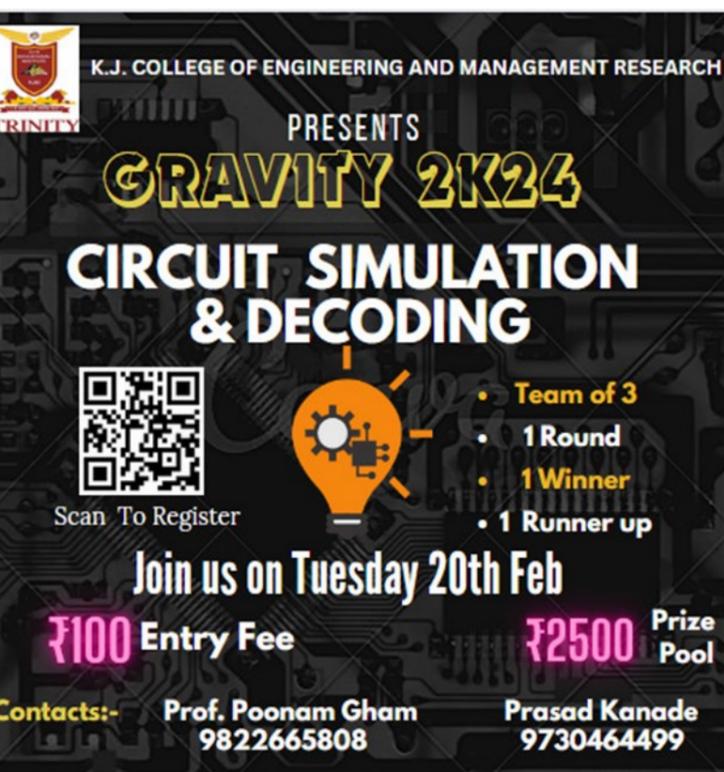
Dr.Pramod U.Chavan
Associate Professor & Head of Department

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 Faculties

Sr. No.	Photo	Name of the Faculty	Designation	Qualification
1.		Dr.P.U.Chavan		
2		Dr.R.G.Zope	Associate Professor	Ph.D, M.Tech.
3		Dr.N.S.Shahare	Associate Professor	Ph.D (E &Tc)
4		Prof.V.D.Ghanekar	Asst. Prof.	M.E. PhD (Purshuing)
5		Prof.R.G.Shaikh	Asst.Prof.	M.Tech ,PhD (Pursuing)
6		Prof.S.J.Kale	Asst.Prof.	M.E, PhD (Purshuing)
7		Prof.P.S.Gham	Asst. Prof.	M. E. PhD (Pursuing)
8		Prof.J.M.Sandur	Asst. Prof.	M.E PhD(Pursuing)
9		Prof.S.Perveen	Asst. Prof	M.Tech
10		Ms. Swapnali Dhumake	Teaching Assistant	BE, ME (pursuing)
11		Mr.Gaurav N. Phule	Lab Assistant	DETE
12		Mr.Nikhil s. Jadhav	Lab Assistant	DETE
13		Mr.N.L.Saste	Lab attendant	BA

DEPARTMENT ACTIVITIES



K.J. COLLEGE OF ENGINEERING AND MANAGEMENT RESEARCH
PRESENTS
GRAVITY 2K24
CIRCUIT SIMULATION & DECODING

Scan To Register

Join us on Tuesday 20th Feb

₹100 Entry Fee ₹2500 Prize Pool

- Team of 3
- 1 Round
- 1 Winner
- 1 Runner up

Contacts:- Prof. Poonam Gham 9822665808 Prasad Kanade 9730464499

Dear Students,

K J College of Engineering and Management Research, Pune organizing Technical Expo 'GRAVITY 2K24'

Under this technical expo, E&TC Engineering Department conducting Circuit simulation and decoding on 20th February 2024

▪ Registration Fee: Rs.100/- per group

▪ Winner and Runner Up prizes. Rs.2500 Prize Pool

Kindly register your name using

Registration Link

<https://forms.gle/1aXbKQ2octjX2f5a6>

Date of Event : 20 February 2024

Faculty Coordinator:

Prof.Poonam Gham

(9822665808)

Student Coordinators:

1. Prasad kanade

(9730464499)

2. Pratap pawar

(9970460309)

1. GRAVITY

KJCOEMR has organized "Circuit Simulation and Decoding" 8th National Level Technical Expo, GRAVITY 2k24 for Engineering, Architecture, Pharmacy, Management and Diploma Students conducted on 20th March 2024.

More than 700+ students from various Engineering colleges, Architecture, Pharmacy, Management and Polytechnic colleges in and around Pune participated in the event. Team Gravity is sincerely thankful to our Management, Executive Director, all head of the institutes (HOIs), and all head of the departments (HODs) for their constant support also thankful to all Event Coordinators, Committee members, Teaching, Non-teaching staff, Student Coordinators and Volunteers.

Objective of the programme :

- To develop students' awareness of the several software tools utilized for circuit simulation.
- To gain knowledge of the simulation and decoding of circuit concepts.

Outcome of the Programme:

- Define the circuit using the problem statement.
- Demonstrate the operation of circuit by simulation software.
- Apply the knowledge gained to decode the circuit.



Dr. A. M. Fulambarkar Sir-Technical Director of KJEi campus has the inauguration

Dr. Alok Sir- DRDO Scientist addressing students

Details of Inaugural function:

First of all, Hon. Dr. Alok Scientist Defence Research and Development Organization (DRDO), Pune, and Hon. Dr. A. M. Fulambarkar, Technical Director KJEi campus, are welcomed by Dr. P.U. Chavan, Head of the Department of E&TC Engineering, for the inauguration function of Circuit simulation and decoding. He also extends a warm greeting to the judges, Dr. R.G. Zope and Prof. Pranjali P. Deshmukh, the E&Tc engineering faculty, and all of the participants in the event.

Dr. Alok highlighted the significance of the Graduate Aptitude Test Examination (GATE) for postgraduate education and employment prospects in the public sector during his inauguration speech. In addition, he talks to the students to encourage more interaction with the teachers so they may learn more. In addition, he advised the student to use the standard textbook to understand fundamental concepts and encouraged them to use the library more frequently.



Dr. Mahesh Kakde- Director, Board of Examinations and Evaluation

DEPARTMENT ACTIVITIES



Workshop on " Digital Marketing"

On April 20, 2024, from 9.15 AM to 5:00 PM, the electronics and communications engineering department of KJCOEMR, Pune, organized a workshop on digital marketing for final-year engineering students.

6.Industrial Visit



The Industrial visit was carried out at Electronica India Ltd. Saswad, Pune on 4th April 2024 for SE, TE students of Electronics and Telecommunication Engineering. Along with, Dr.R.G.Zope ,Prof. Vivek D. Ghanekar, Prof. Shilpa J.Kale, Ms.Swapnali S.Dhumke & Mr.Nikhil Jadhav along with 58 students visited Electronica India Ltd. Saswad, Pune. After an introductory session with Mr. Mayur Khedekar, and Mr. Aniruddha Patankar provides information about the industry and work carried out



The Industrial visit was carried out at Electronica India Ltd. Saswad, Pune on 4th April 2024 for SE, TE students of The Industrial visit was carried out at Syntel Telecom A-Division of Arvind Limited, Kondhwa (BK) Pune on 22th April 2024 for SE, TE, BE students of Electronics and Telecommunication Engineering. Along with, Dr.R.G.Zope ,Prof. Shilpa J.Kale, Prof.Sabiha Bano & M. G. ...

DEPARTMENT TOPPERS

BE

NAME OF STUDENT	SGPA
JAGTAP RUTUJA AJAY	8.93
KANADE PRASAD SOMNATH	8.88
GUNJE MANSI HIRAKANT	8.50

TE

NAME OF STUDENT	SGPA
SHAIKH NAVED JAVED	8.71
CHAKOR DIVYA SAMPAT	8.40
KADAM ATHARVA SURENDRA	7.76

SE

NAME OF STUDENT	SGPA
BIDVE VISHVESHVAR SIDRAM	9.32
DHAWADE MRUNAL RAVINDRA	9.25
KULWADE DIPAK SANTOSH	8.77

DEPARTMENT LABORATORIES



Power Device and Circuit –Lab



COMPUTER LAB –I



COMMUNICATION LAB –II



COMMUNICATION LAB –I