



K J's Educational Institute

KJ College of Engineering & Management Research

(Accredited by NAAC)

Sr. No. 25 & 27, Kondhwa - Saswad Road, Near Bopdev Ghat, Pune 411048.

Department of Computer Engineering

IoT CLUB

Introduction:

The IoT Club is a group where we learn how to connect everyday devices to the internet. We build smart projects using sensors, microcontrollers, and wireless tech to understand how things can work together. Everyone is welcome to join and create cool, useful gadgets!

The Internet of Things (IoT) Project Exhibition for Third-Year Engineering (TE) students was organized as a part of the curriculum to foster practical understanding and innovative application of IoT concepts. The IoT Club helps computer students learn how to build smart devices using sensors and microcontrollers. We work on projects that connect things to the internet and solve real problems.

Objective:

- To learn about Internet of Things (IoT) technologies and concepts.
- To gain hands-on experience with sensors, microcontrollers, and communication protocols.
- To develop practical skills in programming and hardware integration.
- To work on real-world projects that connect devices and collect data.
- To encourage innovation and problem-solving using IoT solutions.
- To prepare students for careers in emerging IoT fields and industries.

Activity Conducted in 2024-25:



- Exhibition was inaugurated by Dr. S.S.Khot, Principal, KJCOEMR. Sir, had introductory talk giving information about latest trends in IoT.
- This project exhibition was totally for Third Year Computer Engineering students to understand features, application and advancements in IoT.
- Around 120 students participated in the exhibition with full on interest & have presented their modules with posters.

Activity plan:

The IOT Club Activity Plan:

Activity	Description	Target Group	Tentative Dates
Seminar on IoT	A seminar on Internet of Things (IoT)	TE Students	10/July/2025
Paper Publication	Research papers on IoT Project	TE Students	18/Sep/2025
Project Exhibition	Exhibition of IOT Project	TE Students	9/Oct/2025

Conclusion/Outcomes:

- **IoT Club:** Helps students explore and create smart devices connected to the internet.
- **Learning Opportunity:** Provides valuable exposure to the Internet of Things (IoT) and its applications.
- **Hands-On Projects:** Members work on practical projects that involve programming and hardware integration.
- **Skill Development:** Focuses on enhancing skills in technology, innovation, and problem-solving.
- **Teamwork:** Encourages collaboration among students, fostering teamwork in tech projects.
- **Career Preparation:** Prepares students for future careers in technology and IoT-related fields.
- **Innovation Focus:** Promotes creativity and new ideas in the evolving world of IoT.

Prof. Nayana Thombare
Coordinator

Dr. Nikita Kulkarni
HoD, Computer Engineering