



# PRAGATI ENGINEERING COLLEGE

(Autonomous)

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Date: 24-03-2026

## CIRCULAR

It is hereby informed to II,III & IV year students that the **Department of Electrical and Electronics Engineering**, under the banner of the **EEE Association**, is organizing a seminar on "Introduction to IoT and Smart Devices." on **25-03-2026 (Wednesday)** at **2:00 PM** in the **(MS-10)**. The session will be conducted by **Ms. P.Sandhya**, Asst professor.


All faculty members and students are requested to participate actively and make the event a grand success. Attendance is mandatory for all students.

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Copy to:

- 1) Circulate among students and staff
- 2) Department Notice Board
- 3) Department File
- 4) Principal for Information

*P. Sandhya*  
HOD-EEE 24/3/26





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A.Y: 2025-26

Date: 27-03-2026

## REPORT ON

### "Introduction to IoT and Smart Devices"

#### Introduction

The EEE Association of the Department of Electrical and Electronics Engineering successfully organized a seminar on "**Introduction to IoT and Smart Devices.**" The seminar aimed to provide students with a comprehensive understanding of IoT technology and its growing importance in modern engineering applications.

The event was conducted on **25-03-2026** at **MS-10 (CORE BLOCK)** with active participation from students and faculty members of the EEE department.

#### Objective of the Seminar

- To introduce students to IoT concepts and technologies
- To explain the working of smart devices
- To explore real-time applications of IoT
- To enhance awareness of future technological trends

#### Resource Person

- The seminar was delivered by a knowledgeable expert in IoT and embedded systems, who shared both theoretical concepts and practical insights into the field.

#### Seminar Content

##### Introduction to IoT

- Definition and importance of IoT
- Evolution of connected devices
- Basic components: sensors, actuators, controllers, and cloud

##### IoT Architecture

- Layers of IoT:
  - Perception Layer
  - Network Layer
  - Application Layer
- Communication technologies: Wi-Fi, Bluetooth, Zigbee

##### Smart Devices

- Overview of smart devices



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- Examples: Smart homes, wearable devices, smart meters
- Integration of hardware and software

### Applications of IoT

- Smart Cities
- Healthcare systems
- Industrial automation
- Agriculture and environmental monitoring

### Challenges in IoT

- Security and privacy concerns
- Data handling issues
- Energy efficiency
- Compatibility between devices

## **Demonstration Session**

The seminar included a live demonstration of IoT systems, showing:

- Sensor data collection
- Device connectivity
- Real-time monitoring using cloud platforms

Students actively participated in the session by interacting with the resource person and clarifying their doubts regarding:

- IoT project development
- Career opportunities
- Required technical skills

## **Outcomes of the Seminar**

- Students gained clear understanding of IoT fundamentals
- Improved awareness of smart device technologies
- Knowledge about real-world IoT applications
- Motivation to work on IoT-based projects



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## Benefits to Students

- Exposure to advanced technologies
- Enhancement of practical knowledge
- Guidance for future career paths
- Encouragement for innovation and research

## Conclusion

- The seminar on “**Introduction to IoT and Smart Devices**” was informative and engaging. It provided valuable insights into emerging technologies and encouraged students to explore IoT in academics and industry. The event was a great success and well appreciated by all participants.

**Date & Time of Event** : 25-03-2026 @ 02:00 PM

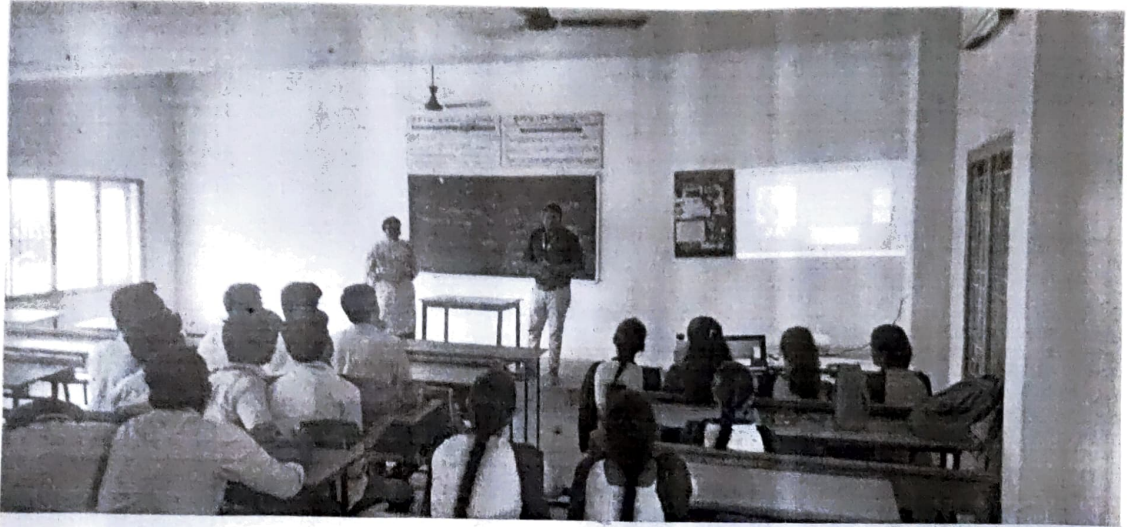
**Venue** : MS-10(CORE BLOCK)



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*S. Navin Bhat*  
EEE ASSOCIATION INCHARGE

*D. Prakash*  
IQAC COORDINATOR

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HOD-EEE 20/08/2026





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(Recognized by UGC Under Sections 2(f) and 12 (B) of UGC act. 1956)  
Ph 08852 - 252233, 34 Website: www.pragati.ac.in

## DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Name of the Event: Introduction to IOT Smart Devices Date: 25-03-2026.

S.NO	ROLL NUMBER	NAME OF THE STUDENT	STATUS
1	24A31A0224	B. Durgesh	B. Durgesh
2	24A31A0256	S. Abhishek	S. Abhishek
3	24A31A0243	M. Vamsi Vardhan	M. Vamsi
4	24A31A0232	G. V. Srinath	G. V. Srinath
5	24A31A0249	T. Jeeva	T. Jeeva
6	24A31A0242	N. Santosh	N. J. S. Santosh
7	25A35A0204	K. Lokesh	K. Lokesh
8	25A35A0205	N. Raja	N. Raja
9	24A31A0239	K. K. S. S. V. Raju	K. Raju
10	25A35A0209	V. Vijay Kumar	V. Vijay Kumar
11	25A35A0203	K. Naveed Khan	K. Naveed
12	24A31A0255	R. Prathy	R. Prathy
13	24A31A0241	K. S. S. N. G. Sri Surya	K. S. S. N. G. S. S.
14	24A31A0253	D. S. S. I. V. Shyam	D. S. S. I. V. Shyam
15	24A31A0246	N. Mohan	N. Mohan
16	24A31A0237	K. Surya Deep	K. Surya Deep
17	24A31A0252	P. Harmanth	Harmanth P
18	24A31A0259	V. N. S. S. Kundan	V. N. S. S. Kundan

19	24A31A0228	D. Sai Parani Tejesh	Dej Tejesh
20	25A35A0210	Y. S. S. VIVEK	YSSV
21	24A31A0226	B.S. V.S. Vinay	Vinay
22	24A31A0220	B. Bunny	Bunny
23	24A31A0231	J. Anish	Anish
24	24A31A0241	N. Vijay Kumar	N. Vijay
25	24A31A0245	N. Vinay	N. Vinay
26	24A31A0223	B. Anil	B. Anil
27	24A31A0231	G. Bhargav Sai	G. Bhargav Sai
28	24A31A0230	D. Loshith	D. Loshith
29	24A31A0225	B. Sailokesh	B. Sailokesh
30	24A31A0258	V. Chaitanya	V. Chaitanya
31	24A31A0233	J.S. Mouli	J. Smali
32	24A31A0212	P.V. Svarshita	P. varshita
33	24A31A0216	S. Geethanjali	S. Geetha
34	24A31A0210	K. Vijaya Kumari	K. Vijaya
35	24A31A0206	G. Anusri	G. Anusri
36	24A31A0214	P. Rohitha	P. Rohitha
37	24A31A0219	V. Lasya Sanjana	V. Lasya
38	24A31A0205	Ch. Lakshmi Sri	Ch. Laksh

39)	24A31A0209	K. satya Roja	satya.
40)	24A31A0202	B. Hima shaktiya	B.H. Satya
41)	24A31A0208	J. Komali	Komali
42)	24A31A0203	Ch. Varshini	Varshini
43)	24A31A0218	V. Suma	Suma.
44)	24A31A0215	P. satya	satya
45)	25A85A0201	P. Keerthana	Keerthana
46)	24A31A0201	A. Preethi	Preethi
47)	24A31A0205	Ch. Lakshmi Sri	Lakshmi Sri
48)	24A31A0214	P. Rohitha	Rohitha.
49)	24A31A0219	N. Lasya Sanjana	Lasya Sanjana

S. Navib  
IED INCHARGE

D. Anwar  
IQAC COORDINATOR

R. S. S. S. S.  
HOD-EEE 27/3/26

