



NEW HORIZON
COLLEGE OF ENGINEERING
New Horizon Knowledge Park, Ring Road, Marathalli
Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC
Accredited by NAAC with 'A' Grade, Accredited by NBA

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

**Report
on
“Internet of Things”**

Workshop

Name of the Event : Internet of Things
Event Date : 16/04/2026
Speaker Details : Mr. Sudhakar V, Embedded Project Engineer, Pantech Solutions India Pvt Ltd, Bangalore.
Venue : CSE LAB-1
Audience : Interested 6th Semester Students of all five sections.

Gist of the Event:

A workshop on “Internet of Things (IoT)” was conducted to provide participants with both theoretical knowledge and practical exposure to emerging IoT technologies. The session began with an introduction to IoT concepts, architecture, and real-world applications. Experts explained how devices, sensors, and networks work together to enable smart systems and connected environments.

The workshop included a hands-on session using hardware components such as Arduino/NodeMCU boards, sensors, and actuators. Participants learned how to interface sensors with microcontrollers and collect real-time data. Programming was carried out using the Arduino IDE to process, monitor, and display the collected data effectively.

Demonstrations were conducted on transmitting data to cloud platforms for remote monitoring and control. The session also emphasised the significance of IoT in domains such as smart homes, healthcare, and industrial automation. Students actively participated throughout the workshop and clarified their doubts during the interactive sessions.

Practical exercises helped participants gain a better understanding of hardware connections, coding techniques, and system integration. The workshop also highlighted career opportunities in IoT and related domains, thereby enhancing the technical knowledge and problem-solving skills of the participants.

Overall, the workshop was informative, engaging, and highly beneficial. It provided an excellent platform for students to explore IoT technologies and successfully achieved its objective of bridging theoretical concepts with practical implementation.

Glimpses of the Event

NEW HORIZON
COLLEGE OF ENGINEERING

INSTITUTION'S INNOVATION COUNCIL
(Ministry of Education, India)

COMPUTER SOCIETY OF INDIA

Workshop

Internet of Things

📅 16th April 2026

🕒 09:30 AM - 04:30 PM

📍 CSE Lab - 2

👥 6th Semester Students

Mr. Sudhakar V
Embedded Project Engineer
Pantech Solutions India Pvt Ltd

Coordinators
Dr. Florance G
Senior Assistant Professor - CSE
Ms. Sayani Baisya
Assistant Professor - CSE

Convenors
Dr. B Rajalakshmi
Professor and HoD - CSE
Dr. Asha Joseph
Professor and HoD - CSE

Dr. R J Anandhi
Dean - Academics
Dr. Manjunatha
Principal

Organised by
Department of Computer Science and Engineering | Computer Society of India





Coordinator

CSE-HoD-2

CSE-HoD-1