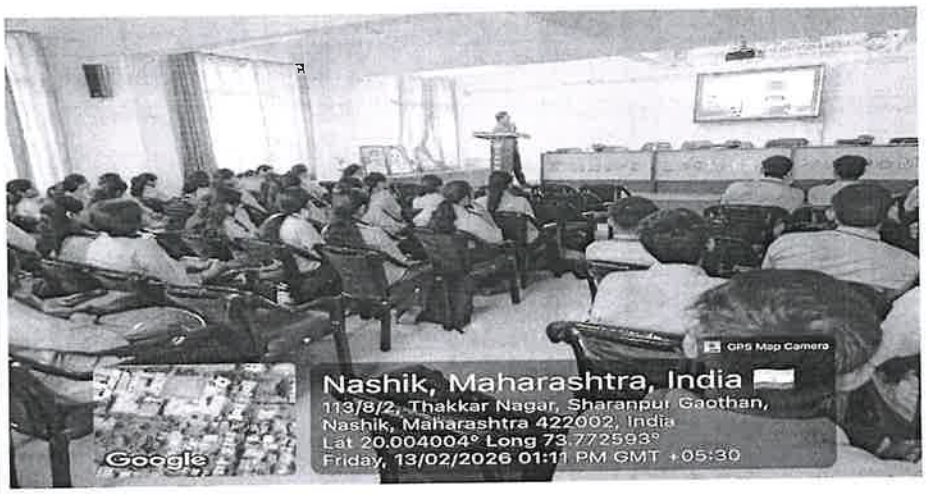
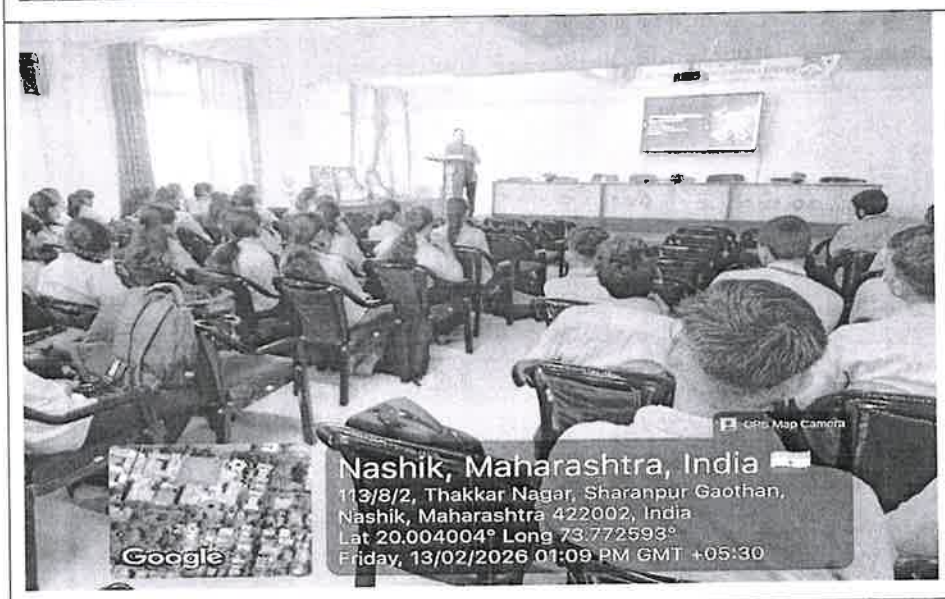
AD-301	Activity Report	Academic Year: 2025-26
Rev-00		Semester: V/VII

DEPARTMENT OF COMPUTER ENGINEERING

Particulars	Description
Activity	Fundamentals of IoT and Career Opportunities in IoT
Activity level	Department Level
Title	Fundamentals of IoT and Career Opportunities in IoT
Speaker / Resource Person	Prof. P. N. Achaliya Assistant Professor SNJB's Late Sau. K. B. Jain College of Engineering (Expertise: Image Processing, Web Engineering & Technology)
Organized by	Department of Computer Engineering
Venue	Seminar Hall
Date & Time	13th February 2026 Time 12.30 PM to 2.00 PM
Objectives of the activity	• To introduce students to the fundamentals of Internet of Things (IoT). • To explain real-world applications of IoT. • To create awareness about career opportunities in IoT domain. • To guide students on required skills and certifications in IoT field.
Outcomes of activity	• Students understood the basic concepts and architecture of IoT. • Students gained knowledge about IoT applications in various industries. • Awareness about career paths such as IoT Developer, Embedded Engineer, Data Analyst, etc. • Students motivated to work on IoT-based projects.
Targeted participants	TE and SE Computer Engineering Students
Total no. of participants, Participation %	Approximately 65 Students (95% Participation)
Content of the activity	• Introduction to IoT and its evolution • IoT Architecture and Components (Sensors, Devices, Cloud, Communication Protocols) • Real-time IoT Applications (Smart Cities, Healthcare, Agriculture,

	Industry 4.0) • Skills required for IoT careers • Future scope and job opportunities in IoT
Relevance to POs	• PO1: Engineering knowledge • PO2: Problem analysis • PO3: Design/development of solutions • PO5: Modern tool usage • PO12: Life-long learning
Relevance to PSOs	• Application of IoT and emerging technologies in real-world problems • Development of software and hardware integrated solutions
Methodology used	• PowerPoint Presentation • Real-time examples and case studies • Interactive discussion session • Question & Answer session
Brief Description of the Activity	The Department of Computer Engineering organized an expert lecture on *"Fundamentals of IoT and Career Opportunities in IoT"* on 13th February 2026 in the Seminar Hall for TE and SE Computer Engineering students. The session was delivered by Prof. P. N. Achaliya, Assistant Professor at SNJB's Late Sau. K. B. Jain College of Engineering. The speaker explained the core concepts of IoT, its architecture, and various real-world applications. He also guided students about career opportunities and skills required in the IoT domain. The session was highly informative and interactive, benefiting all participants.
Geo- tag photos of the Activity	





Activity Coordinator	HOD	Dean Academic	IQAC Coordinator
Prof.S.S.Punde	Dr.B.S.Shirole	Prof.S.S.Punde	Prof.N.V.Kapade