



**HINDUSTHAN INSTITUTE OF TECHNOLOGY**  
**An Autonomous Institution**  
(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai,  
Accredited with "A" Grade by NAAC)  
Valley Campus, Pollachi Main Road, Coimbatore 641 032



**Department of Computer Science and Engineering**

**Competency-Based Learning with Online Assessments**

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**Teaching Aid: Google Forms (Quizzes and Objective Tests)**

Academic Year: 2024–2025

Course Name: Internet Of Things

Course Code: 20CS533

Semester: VII

**Aid Used: Google Forms (Quizzes and Objective Tests)**

**Overview:**

Google Forms was used to conduct formative quizzes for real-time understanding checks. These assessments tested theoretical understanding and supported competency reinforcement.

**CO-PO-PSO Mapping:**

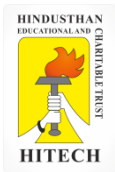
CO	Mapped PO	Mapped PSO	Attainment Level	Justification
CO1, CO2	PO1, PO2, PO5	PSO1	3	Reinforced theoretical understanding via regular MCQ quizzes aligned with course fundamentals.

**Interaction:**

**Form Distribution via Google Classroom:**

- ✓ Form links shared via Google Classroom for structured access.
- ✓ Quizzes scheduled with time limits and clear topic instructions.
- ✓ Immediate feedback and explanations sent via automated emails.
- ✓ Performance data analyzed using Google Sheets.
- ✓ Remedial sessions conducted for low scorers.
- ✓ post-quiz class discussions to clarify common errors.

**Outcomes:**



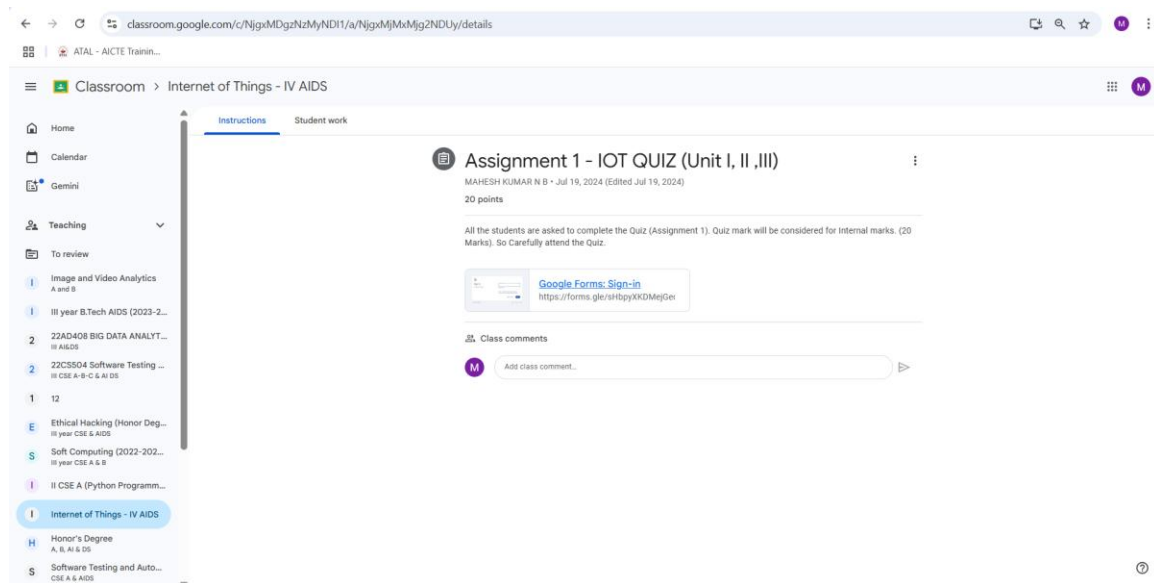
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- ✓ 85% of students scored above 70%, reflecting strong conceptual understanding.
- ✓ Low-performing students identified and supported with remedial content.
- ✓ Faculty adjusted teaching strategies based on quiz data insights.
- ✓ Students demonstrated increased engagement and accountability.

**Proof of Evidence:**



**Form links shared via Google Classroom for structured access**

