

Activity: "Innovative Teaching Learning Pedagogy"

Date & Day: Wednesday, 16/04/2025

Activity No 05

Type of Activity : Cross word

Subject : FMA

Venue: Class Room no.B201

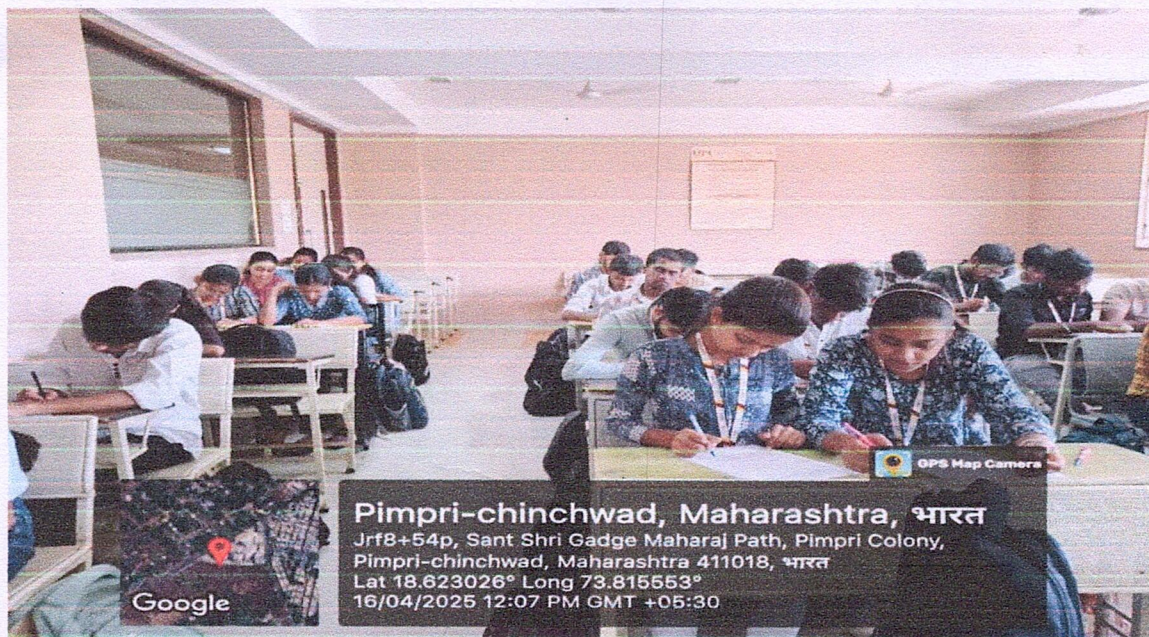
Activity conducted by

- Ms. Rajashree Bhokare

Objectives:

1. To help students recall and understand key terms related to serial communication in the 8051 microcontroller such as SBUF, SCON, Baud Rate, RS232, etc.
2. To deepen students' conceptual understanding of serial communication modes, registers, protocols, and interfacing techniques in an engaging way.

Photographs:

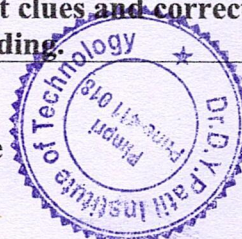


Outcome:

1. Students will accurately identify and describe the function of serial communication-related registers such as SBUF, SCON, and PCON.
2. Students will be able to define and explain terms like baud rate, start/stop bits, and asynchronous/synchronous modes.
3. Students will apply learned concepts to interpret clues and correctly solve the crossword, showing application-level understanding.

RS Bhokare
Ms. Rajashree Bhokare
SE Subject Teacher

Manasi P. Deore
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S.D. Chavan
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Department of Electrical Engineering**Activity: "Innovative Teaching Learning Pedagogy"**

Mapping of Pedagogy with POs and PSOs :

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
1	1								1		1	1		

Mapping of POs and PSOs with Justification:

POs and PSOs Mapped	Justification
PO1	Crossword clues and answers help reinforce basic microcontroller concepts like SFRs, instructions, and architecture.
PO2	Students analyze terms and concepts contextually to solve the puzzle, encouraging logical reasoning.
PO10	The activity involves interpreting questions and articulating technical terms accurately, improving vocabulary and clarity.
PO12	Reinforces learning in a fun and engaging way, promoting curiosity and retention beyond textbooks.
PSO1	Enhances familiarity with components, functions, and microcontroller terminology used in real-world embedded systems.

Rajashree Bhokare
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