PET ENGINEERING COLLEGE

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Approved by AICTE, Recognized by Government of Tamil Nadu and Affiliated to Anna University
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Academic Year 2020 – 2021 (Odd Semester)
Degree, Semester & Branch: V Semester B.E.
Course Code & Title: EC8691/ Microprocessors and Microcontrollers
Name of the Faculty member: Mrs.Y. Roja Begam, AP/CSE

Innovative Practice Description

- **Unit / Topic:** Unit I / Interrupt
- **Course Outcome:** CO 1
- **Activity Chosen:** One-minute paper
- **Justification:**
  - Explain various types of interrupts
  - The topic interrupts in 8085 has 2 types - Hardware and Software. Since each type has its own definition, limitation and types. After teaching the concept, I thought of conducting this activity for making the students to give the difference between the each type of interrupts which enhance the learning level and as a teacher I can judge the understanding level of the students.

Time Allotted for the Activity: 5 Minutes
After teaching the concept, give students one or two minutes to think about the topic without writing anything.
Total Strength is
30
At the end the Class (Last 5 minutes)

- ✓ I asked the students to think about various types of interrupts in 8085 concept for 3 minutes.
- ✓ Then I told them to write as much as they can within a short period of time (1 minute)
- ✓ Finally, I collected the papers from each column (1 minute)

- **CO – PO / PSO mapping:**

CO	PO2	PO4	PO5
CO1	1	1	1

❖ *Reflective Critique:*

1. ***Pre-implementation Reflection:***

- **Benefits:**
  - Students can able to attend the question even in the questions are in indirect form
  - Students can able to explain the concepts in examination without any confusion.

- ***Challenges:***
  - In the class mostly boys hesitate to answer the questions.
  - Time utilization for conducting activity.

2. ***Post-implementation Reflection :***

- **Benefits:**
  - Students understood the concept which was reflected from their answers for the questions I have asked during discussion session.

❖ *Benefit of the practice**:*** (E.g.: Outcome attainment would have increased due to innovative practice over conventional practice)

✓ The assessment of effectiveness of the activity was felt when told most of the points.

✓ While conducting the activity, I understood that the students will be able to explain various types of interrupts in 8085.

✓ The success of the activity was evaluated by asking the same question in Internal Assessment test I – Around 80% of students answered.