# PET ENGINEERING COLLEGE

**ISO 9001:2015 Certified Institution**

**Approved by AICTE, Recognized by Government of Tamil Nadu and Affiliated to Anna University**

Department of Computer Science and Engineering

**Academic Year 2021 – 2022 (Odd Semester)**

**Date:07/09/2021**

**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 / stack
- **Course Outcome:** CO 1
- **Activity Chosen:** One-minute paper
- **Justification:**
  - Explain about stack
- The stack is an important topic in microprocessor and microcontrollers the stack structure is used to represents the fundamentals units of microprocessor .It is a portion of read write memory set aside by the user for the purpose of storing information . this activity makes the students to get a comprehensive knowledge in this concepts.
- **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 concepts for 3minutes.
- ✓ 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 | PO2 | PO3 |
|---|---|---|---|
| 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 concept of stack.