



# THE AMERICAN COLLEGE, MADURAI

(An Autonomous Institution Affiliated to Madurai Kamaraj University)  
Re-accredited (2<sup>nd</sup> Cycle) by NAAC with Grade “A”, CGPA – 3.46 on a 4-point scale

## Backlog Arrear Examination, March 2021

**COURSE CODE : COS 1473**

**TIME : 3 Hrs**

**COURSE TITLE : : Computer Organization**

**MARKS : 75**

### **PART – A**

**Answer ANY Five questions.**

**5 \* 15 = 75**

1. Explain CPU organization with diagram.
2. Discuss about the types of computer instructions.
3. Explain about Stack organization with neat diagram.
4. Discuss about various types of addressing modes.
5. Discuss the basic concepts of pipelining.
6. Illustrate virtual memory in memory hierarchy system.
7. Write about asynchronous data transfer with block diagram.