



# 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

**MCA 5424                      Advanced Software Engineering**

**Max.Marks: 75**

**Durn:3 Hours**

**Answer any Five questions.**

**5 x 15 = 75**

1. Explain the System life cycle model in detail.
2. Discuss the major factors that influence Quality and Productivity of a Software.
3. Elaborate on the Design Principles.
4. Explain in detail the Requirements Engineering.
5. Elaborate on the Software Project Management
6. Comment on Software Testing Strategies
7. Discuss in detail Software Quality and Quality Assurance.