

## THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI-15

(A Govt. Aided Autonomous Institution affiliated to Anna University)

- where Quality and Ethics matter



## **QEEE COURSES**

## **OPERATING SYSTEMS OVERVIEW - OPERATING SYSTEMS**

## **COURSE CONTENT:**

- Operating system basics Types of Computer Systems Computer-System operation – I/O structure – Hardware Protection – System components – System calls – System programs – System structure
- Process concept Process scheduling Operations onprocesses Cooperating processes – Interprocess communication – Communication inclient-server systems – Multithreading models – Threading issues – Pthreads
- Process synchronization Deadlock
- Basics of memory management