THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI-15

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

- *where Quality and Ethics matter*

QEEE COURSES

PROGRAMMING STYLE - PROGRAMMING AND DATA STRUCTURES

COURSE CONTENT:

- **Programming Style:** Names, expressions and statements, Consistency and idioms, Functions versus Macros, Magic numbers, Commenting, Control flow and program design
- **Program efficiency:** Time and space complexities
- **Basics of Data structures.**
- **Linked Lists:** Singly-linked, Doubly-linked, and circular lists
- **Stacks, and Queues**