COMPUTING TECHNIQUES

OBJECTIVE

This course comprehends the fundamental idea on various computing techniques that are useful for the engineering studies. It starts with logic and basic problem solving, then gives the idea on some important numerical methods to solve certain problems, and provides thorough idea on C programming. Finally, this gives an understanding on certain computing tools, which are generally used in engineering applications.

UNIT – I LOGICAL THINKING AND ALGORITHMS


UNIT – II NUMERICAL METHODS


UNIT – III C PROGRAMMING PRIMITIVES


UNIT – IV C PROGRAMMING CONCEPTS


UNIT – V PROBLEM SOLVING TOOLS (MATLAB AND PROCESSING)


TOTAL: 45
TEXTBOOKS:


REFERENCES: