

MSIT First Year Syllabus

Mini Semester I:

IT Workshop & C Programming (Preparatory Course)

Course ID : IT1181

Duration : 8 Weeks

Credits : 8

DESCRIPTION:

The objective of the IT Workshop is to impart basic computer application and maintenance skills hence introducing you to a suite of productivity tools that will aid in your day to day activities. The four week course introduces you to a wide range of skills including Assembling a PC, Software installations and windows and Linux operating systems etc. In addition, you are also geared up with the skills required to draft a business plan for a small scale business.

The Course will be carried out with exploration in C Programming Language beginning from the Basics of C Programming to advanced topics including Data Structures. Implementing a Mini project will be carried out in the fourth week.

Syllabus:

- Productivity Tools - Word Processor, Presentation Tools and Spreadsheets
- Computer Workshop – PC Hardware Assembling, System & Application Software Installation, Trouble Shooting
- Business Plan – What is an “Investor Ready” Business Plan, Management, Customers, Product/Service Description, Marketing Plan, Barriers to Entry
- C - Variables, data types, functions, control structures, pointers, strings, arrays, and dynamic allocation principles, Command Line Arguments, Mini project.

Project :

Railway Reservation System