Core Course Outcome

B.Voc -Software Development

Paper Name	Course Outcome
Fundamentals of Computer & Programming in C	- Understand the basics and background of computer system and its components. - Understand the basics of computer programming - Write programs for solving simple computational problems using C. - Solve mathematical or scientific problems using C.
Internet Programming	- Understand the basics and background of computer system and its components. - Understand the basics of computer programming - Write programs for solving simple computational problems using C. - Solve mathematical or scientific problems using C.
Data Structures	- Get an idea of various data structure and their implementations. - Implement various data structures and to solve real life problems using data structures.
Programming in Java	- Learn the OOPS Concept and use object oriented approach for solving real life problems - Develop GUI based applications using java
Basic Networking Concepts	- Understand the basics of data communication and exchange - Understand various techniques and rules for device communication
Introduction to RDBMS and SQL .	- Understand the need and working of Data Base and Data Base Management Systems. - Learn the basic principles of database models and database design. - Learn the basic of RDBMS and data manipulation using SQL.
Software Engineering Principles	- Learn engineering practices in Software development - Learn various software development methodologies and practices.

	• Learn various Evaluation methods in Software Development
Operating Systems	• To introduce learners to various issues in the contemporary society • To create an awareness of preservation of the environment and nature • To inculcate the spirit of social life, values, duties and rights • Learn Linux administration and shell scripting
Advanced Computer Networks	• Get an outline on TCP/IP networks and its protocols. • Learn about wireless, mobile network and associated technologies. • Learn to set up intranet Services, wireless networks and web servers • Get a basic idea of router configuration and LAN interconnections Learn socket programming
J2EE Programming	• Basic Knowledge of Programming • Knowledge of HTML and JavaScript
Mobile Software Development using Android / Programming Mobile Application	• Develop mobile applications with Google Android Platform • Learn more about mobile operating system • Get an insight to cross-platform mobile app development
Internship & Project (900 hrs.)	• The student shall undergo Industrial training and a project of four-month duration. • Industrial training should be carried out in an industry / company approved by the institution and under the guidance of a staff member in the concerned field. • The project is designed to develop practical ability and knowledge about practical tools/techniques in order to solve real life problems related to the industry, academic institutions and computer science research.