



PACE



IT CENTRE

STRUCTURE OF 'A' LEVEL COURSE IN INFORMATION TECHNOLOGY REVISION-V

A1-R5 : Information Technology Tools and Network Basics.

A2-R5 : Web Designing and Publishing.

A3-R5 : Programming and Problem Solving Through Python.

A4-R5 : Internet of Things and Its Applications.

A5-R5 : Data Structure Through Object Oriented Programming Language.

A6-R5 : Computer Organization and Operating System.

A7-R5 : Database Technologies.

A8-R5 : Systems Analysis, Design and Testing.

For modules 9 and 10, student will have to select one specialized group out of five groups.

Specialized Area: Data Analytics

A9.1-R5 : Big Data Analytics using Hadoop

A10.1-R5: Data Science using Python

Specialized Area: Web Application Development

A9.2-R5 : Web Application using PHP

A10.2-R5: Full Stack Web Application using MVC Frame Work

Specialized Area: Information Security

A9.3-R5 : Network Management

A10.3-R5: Information Security Management

Specialized Area: Internet of Things

A9.4-R5 :Internet of Things (IoT):A Practical Approach

A10.4-R5: Internet of Things (IoT) using Raspberry Pi

Specialized Area: Artificial Intelligence

A9.5-R5 :Artificial Intelligence Concepts and R Programming

A10.5-R5: Machine Learning Using Python

PR-I Practical-1 (Based on Modules A1-R5 to A4-R5)

PR-II Practical-2 (Based on Modules A5-R5 to A7-R5)

PJ-I Mini Project, PJ-II Major Project based on (Specialized Areas)

Qualification : 'O' Level Pass / Pursuing Graduation / Graduate or Above

Duration : 18 Months

Course Fees : Rs.22,000/- (Lumpsum)

: Rs.24,000/- (Installment)

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