

VIKRAM UNIVERSITY, UJJAIN
INSTITUTE OF COMPUTER SCIENCE

PROGRAMME TITLE: Diploma in Modern Programming Languages

PROGRAMME OBJECTIVES:

The objective of the Diploma in Modern Programming Languages programme is to prepare students for productive careers in the software industry and academia by providing an outstanding environment for teaching and Government Job. Basic qualification is 12th in any subjects.

This Diploma in Modern Programming Languages programme has been designed with a 6 month programme approach in mind. In 6 month diploma courses are aimed at skills development in computers using various technologies and Programming Language skills. To learn, experiment, and explore Programming Language in education and How to use and manage the computer as a business and personal tool through the use of applications software.

The main objectives of the Diploma in Modern Programming Language programme includes:

- Learn Fundamental of Programming Language and basics of computer technology.
- To develop in depth understanding of the key concepts of Programming Language to impart knowledge of problem solving techniques, C,C++,Core Java,HTML.
- Develop problem solving skills in interdisciplinary domains.
- Focus on development of knowledge and specific skills required in Programming Language Python.
- To make sustained efforts for holistic development of the students and empower them to analyze, develop, programming solutions keeping in view the challenges posed by changing industrial requirements.
- To develop competent computer professionals with strong ethical values.

PROGRAMME OUTCOMES (POs)

At the end of this Diploma in Modern Programming Language programme, student will be able to:

- Prepare software's and web pages on computer system.
- Demonstrate strategies for merging and integrating source data from multiple applications.
- Gain understanding of the key programming language skills.
- Understanding the key concepts of Programming Language to improvise organizational performance.

After Completion of the programme students are able to work as-

- Software Developer.
- Data base Administration.
- Strategy Designer in IT Organization.
- Language Programmer.
- Web Application Developer.

SCHEME OF EXAMINATION

Paper code	Title of Paper	Theory External Marks	Min.Pass Marks	Internal Mark	Min.Pass Marks	Total
	Paper-I	75	27	25	9	100
	Paper-II	75	27	25	9	100
	Internship/ Industrial	150	54	50	28	200
	Training/ Project Work	300		100		400

COURSE NAME: **Diploma in Modern Programming Languages**
LEVEL OF COURSE: **DIPLOMA COURSE**
DURATION: **6 MONTH**
ELIGIBILITY: **10+2**
FEES: **6000/-**

Code	Topic
Paper- I	WEB DEVELOPMENT WITH PHP
Paper-II	PYTHON PROGRAMMING LANGUAGE

Internship/ Industrial Training/Project Work