

KVR GOVT. COLLEGE FOR WOMEN (A), KURNOOL.

Re-Accredited by NAAC with Grade "A".

CERTIFICATE COURSE 2020-21

WEB DEVELOPMENT SYLLABUS

No. of hours: 45

Max Marks: 50.

UNIT - I

HTML: Basic HTML, Document body, Text, formatting Text, Lists, Tables, Frames, Forms, HTML document heading. **Cascading Style Sheets:** Introduction, using Styles, Types of CSS: inline, internal, external, fonts: family, size, padding, border. **Introduction to JavaScript:** JavaScript, basics.

UNIT – II

Introduction to PHP: Evaluation of Php, Features of php, Basic Syntax, Php variables, Php Data types, Installation of software. **control statements-**If, If-else, If-else ladder, If-elseif-else, Switch. For, While, Do-while, Foreach, Nesting of Loops

UNIT – III

Arrays- Array, Creating an array, Accessing array Element, Types of arrays, array functions.

Functions- function, Define a function, Call by value and Call by reference, Recursive functions.

UNIT IV

Introduction to Strings-Creating and accessing Strings, String Related Library functions.

File handling in php- File, different file operations.

UNIT V

PHP Advanced Concepts- Using Cookies, Using HTTP Headers, Using Sessions, Using Environment and Configuration variables.

Working with Date and Time-Displaying Human-Readable Dates and Times, Finding the Date for a Weekday, Getting the Day and Week of the Year, Determining Whether a Given Year Is a Leap Year, Obtaining the Difference Between Two Dates, Determining the Number of Days in the Current Month, Determining the Number of Days in Any Given Month.

UNIT VI

Creating and Using Forms- Understanding Common Form Issues, GET vs. POST, Validating form input, Working with multiple forms, and Preventing Multiple Submissions of a form.

PHP and Database Access- Basic Database Concepts, Connecting to a MYSQL database, Performing basic database operations-create, Insert, Retrieving and Displaying results, Modifying, Updating and Deleting data.