

Add-On Diploma Course in Web Designing Part II (SEMESTER III)

2018-19, 2019-20 and 2020-21 Sessions

PAPER I

External Marks: 45

Maximum Time: 3 Hrs.

Minimum Pass Marks: 35%

Lectures to be delivered: 45-55 Periods

Internal Assessment : 15

A) Instructions for paper-setter

The question paper will consist of three sections A, B & C. Sections A & B will have four questions from the respective sections of the syllabus and will carry 40% marks each. Section C will have 6-12 short answer type questions which will cover the entire syllabus uniformly and will carry 20% marks in all.

B) Instructions for candidates

Candidates are required to attempt two questions each from sections A & B of the question paper and the entire section C.

SECTION-A

Introduction to Multimedia: Different forms of Multimedia--text, Graphics,images,audio and video Applications of Multimedia.

Flash: Panels, Tools panel, Time line, Properties Panel, Stage, Current Layer, Current Frame, Current Symbol. **File types:** source files, exported files, Drawing and Painting Art in flash : Tools, Viewing and modification tools, creation tools, selecting and transforming objection, Selection tools, Transforming scale, rotation, Envelope and Distortion. Using snap to objects to connect shapes.

Importing Graphics into Flash : Vector Graphics Vs Raster Graphics, Importing vector Graphics and Raster Graphics Using library : Creation and use of symbol, Using the Color Styles.

Controlling Colors : Blends and filters, Properties, Using Colors, Creating Solid and Gradient Swatches, Using and Transforming the Gradients. Applied layout techniques : Static text layout, Embedding fonts for dynamic text.

SECTION-B

Animating in Flash : Elements of Animation : Frames and Frame rate, Frame rates of different types of animation, Key frames and blank key frames, Tweening, Creating a motion tweening, Shape tweening to morph, Adding sounds in animation, Controlling quality and file size,

Layers in animation : Layer properties for visual effects. Nesting Animations in Movie Clip and Graphic Symbol: Creating and using Movie clips. Adding Interactivity and Video: Basic Action script. Application of Action Script.

Text Book:

1. Adobe Flash CS3 Professional- Phillip Kerman-Pearsons Education

Reference Books:

1. Multimedia Communications: Fred Halsall- Pearson Education 2001.
2. Adobe Photoshop CS2 Carla Rose, Kate Binder.
3. The Complete Reference: Photoshop Elements 2-Ken Milburn and Gene Hirsh

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2018-19, 2019-20 and 2020-21 Sessions

PAPER II: Practical Based on Paper I

Max Time: 2 Hours

Max Marks 40

Practical units to be conducted: 40 Hrs

Minimum Pass Marks 35%

This laboratory course will comprise as exercises to supplement what is learnt under Paper A

The breakup of marks for the practical will be as under:

Lab Record (Internal Assessment)	10 Marks
Viva Voce	15 Marks
Task given in the examination/program development And execution	15 Marks

Add-On Diploma Course in Web Designing Part II (SEMESTER IV)

2018-19, 2019-20 and 2020-21 Sessions

PAPER I

External Marks: 45

Minimum Pass Marks: 35%

Internal Assessment : 15

Maximum Time: 3 Hrs.

Lectures to be delivered: 45-55 Periods

A) Instructions for paper-setter

The question paper will consist of three sections A, B & C. Sections A & B will have four questions from the respective sections of the syllabus and will carry 40% marks each. Section C will have 6-12 short answer type questions which will cover the entire syllabus uniformly and will carry 20% marks in all.

B) Instructions for candidates

Candidates are required to attempt two questions each from sections A & B of the question paper and the entire section C.

SECTION-A

PHP Fundamentals: PHP basic syntax, data types, variables, constants, expressions, operators, control structures, loops

PHP Arrays: enumerated arrays, associative arrays, array iteration, multi-dimensional arrays, array functions

PHP Functions: Functions syntax, arguments, references, pass by value and pass by reference, variable scope, return values, PHP include(), PHP require()

SECTION-B

PHP Forms: Form handling, PHP GET, PHP POST, PHP form validation, PHP form sanitization

PHP Cookies and PHP Session: Cookie handling, session handling, PHP login session, managing user ACL

PHP Strings Handling: Strings and Patterns, matching, extraction, searching, replacing, formatting, PCRE

Text Books:

1. Luke Welling, Laura Thomson, PHP and MySQL Web Development, Addison Wesley Publications
2. McGrath, PHP and MySQL, McGraw Hill Education

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Practical units to be conducted: 40 Hrs

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And execution