GURUKUL EDUCATIONAL AND RESEARCH INSTITUTE

CERTIFICATE IN WEB DESIGNING

Subject and Syllabus

2022-23

Syllabus

CERTIFICATE IN WEB DESIGNING

DURATION:- 6 MONTHS

529 INTRODUCTION TO WEB TECHNOLOGIES

- Introduction to Web Technologies
- Careers in Web Technologies and Job Roles
- How the Website Works?
- Client and Server Scripting Languages
- Domains and Hosting
- Responsive Web Designing
- Types of Websites (Static and Dynamic Websites)
- Web Standards and W3C recommendations

530 ADOBE PHOTOSHOP

- Introduction of Stock Photography
- Types of Image Graphics
- Introduction to Adobe Photoshop
- Interface Tour of Photoshop
- Color Modes o Resolution and Presets
- Move Tool
- Marque Tool
- Lasso Tool
- Quick Selection, Magic Wand
- Crop, Slicing Tool
- Healing Brush, Patch Tool
- Brush Tool
- History Brush
- Eraser Tool

- Pattern Stamp, Clone Stamp
- Gradient Tool
- Blur and Exposure Tool
- Pen Tool, Shape Tool
- Text Tool
- Other Photoshop Tools
- Layers, Groups and Smart Object
- Blending Options
- Filter Effects
- Client requirement analysis
- Realtime Website Layout Design
- Practical Task in Layout Design

531 BASICS OF WEB DESIGNING

- Basics of Web Designing
- Multimedia and its Applications
- Web Technologies
- Introduction to Web Design & Applications
- Computer Graphics
- Mathematical Structure for Computer Science

532 MEDIA & ITS APPLICATIONS

- Definition - Classification - Multimedia application -Multimedia Hardware - Multimedia software - CDROM - DVD.

- Multimedia Audio: Digital medium - Digital audio technology - sound cards - recording - editing - MP3 - MIDI fundamentals - Working with MIDI - audio file formats - adding sound to Multimedia project.

- Multimedia Text: Text in Multimedia -Multimedia graphics: coloring - digital imaging fundamentals - development and editing - file formats - scanning and digital photography

533 WEB TECHNOLOGIES

534 INTRODUCTION TO WEB DESIGN & APPLICATIONS

535 COMPUTER GRAPHICS