

# WEB DEVELOPMENT & DESIGNING

DCA-510

---

## COURSE DESIGN, PREPARATION AND REVIEW TEAM

---

Prof. T.K. Jain  
Director,  
CDOE SGVU Jaipur

Dr. Ankur Jain,  
Director,  
CIQA, SGVU Jaipur

Prof. P.K. Sharma  
Rtd. Professor  
VMOU Kota

Dr. Manish Sharma,  
Professor,  
GVSET, SGVU Jaipur

Dr. Ajay Vardhan  
Regional Director  
IGNOU Aligarh(UP)

Dr. Kriti Shrivastav  
Assistant Professor  
CIQA SGVU Jaipur

Ms. Sonika Katta,  
Assistant Professor,  
GVSET, SGVU Jaipur

Dr. Amit Sharma  
Associate Professor  
CDOE SGVU Jaipur

Dr. Ranjan Upadhyaya, Professor,  
Department of Management Studies,  
Vivekananda Global University, Jaipur

Mr. Ashok Kumar,  
Assistant Professor,  
GVSET, SGVU Jaipur

Dr. Vijay Sharma, HOD, Centre for Rural  
Empowerment and Development,  
Government Engineering College, Bikaner

Ms. Kriti Sanadhya,  
Assistant Professor,  
School of Law, SGVU Jaipur

Dr. Vishal Goar  
Dean Research  
Bikaner Technical University, Bikaner .

Dr. Lata Suresh,  
Director, Indian Institute of Corporate  
Affairs, (Ministry of Corporate Affairs)  
Gurugram

---

### Program Coordinator

Dr. Sohit Agarwal\*  
Assistant Professor  
CDOE SGVU Jaipur

---

### Course Coordinator and editor

Dr. Aman Sharma\*,  
Assistant Professor,  
CDOE, SGVU

---

**Acknowledgement :** The persons marked with (\*) are the authors

---

## PRINT PRODUCTION

---

Mahendra Sharma  
Assistant Registrar  
SGVU Jaipur

---

Published in: November, 2024

---

**ISBN (Awaited)**

---

©SGVU. All rights reserved. No part of this work may be reproduced in any form, by mimeograph or any other means, without permission in writing from the SGVU.

---

Published by:

S. B. Prakashan Pvt. Ltd.

WZ-6, Lajwanti Garden, New Delhi: 110046 Tel.: (011) 28520627 | Ph.: 9625993408

Email: info@sbprakashan.com | Web.: www.sbprakashan.com

---

<b>BLOCK 1</b> <b>Basics in Web Design &amp; Web Design Principles</b>	1
<b>BLOCK 2</b> <b>Introduction to HTML &amp; Elements of HTML</b>	79
<b>BLOCK 3</b> <b>World Wide Web &amp; The Internet</b>	160
<b>BLOCK 4</b> <b>Introduction to Cascading Style Sheets</b>	234
<b>BLOCK 5</b> <b>Introduction to Web Publishing or Hosting</b>	326

---

## Learning Map

### Course Credit- 4

Content	Course Credit	Page No
<b>BLOCK 1 BASICS IN WEB DESIGN &amp; WEB DESIGN PRINCIPLES</b>	0.8	1
Unit 1: BRIEF HISTORY OF INTERNETS & WORLD WIDE WEB		2
Unit 2: Basic Principles Involved in Developing a Website & the Five Golden Rules		38
Unit 3: Planning Process & Design Concept		59
<b>BLOCK 2 Introduction to HTML &amp; Elements of HTML</b>	0.8	79
Unit 4: INTRODUCTIONS TO HTML & HTML ELEMENTS		80
Unit 5: Markup Tags, Headings, Paragraphs, Line Breaks, and HTML Tags		129
Unit 6: Working with Lists, Tables, and Frames in HTML		145
<b>BLOCK 3 World Wide Web &amp; The Internet</b>	0.8	160
Unit 7: WEB BROWSER AND ITSARCHITECTURE		161
Unit 8: Internet Protocols – HTTP, FTP, SMTP		187
Unit 9: Security and Privacy Issues in Networking		209
<b>BLOCK 4 Introduction to Cascading Style Sheets</b>	0.8	234
Unit 10: INTRODUCTION TO CSS &CONCEPT OF CSS		235
Unit 11: CSS Properties &Styling		266
Unit 12: Working with Block Elements, Objects, Lists, and Tables		313
<b>BLOCK 5 Introduction to Web Publishing or Hosting</b>	0.8	326
Unit 13: CREATING & SAVING THE WEB SITE		327
Unit 14: Website Structure& Tiles for Web pages		382
Unit 15: Themes, Publishing Websites, CMS & Banks of CMS		396

### Prior Learning

The Learner should have fundamental understanding of Mathematics and Computer Application