SUBJECT: UNDERGRADUATE COURSE CURRICULUM 2022-23

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| **PART-A: Introduction** | | | | | | | | |
| **Program: *Certificate* *Course*** | | | | Class: **B. Sc. Semester-I** | Year:**2022** | | Session:**2022-2023** | |
| **1** | Course Code | | **CSSEC – 1** | | | | | |
| **2** | Course Title | | **WEB DESIGNING** | | | | | |
| **3** | Course Type | | **Skill Enhancement Course (SEC)** | | | | | |
| **4** | Pre-requisite(if, any) | | As per Government norms / Institutional scheme | | | | | |
| **5** | Course Learning. Outcomes **(CLO)** | | ***After completion of this course, the students will be able to:***   * Understand computer network and Internet. * To get familiarize with internet tools. * Understand design principles and issues for effective web design. * Design web pages. | | | | | |
| **6** | Credit Value | | **02** (01 Theory & 01 Practical)  (Credit = 15 Hours Teaching-learning for Theory & 30 Hrs. for Practical work) | | | | | |
| **7** | Total Marks | | Max. Marks: 50 | | | **Min Passing Marks:** | | |
| **PART -B: Content of the Course** | | | | | | | | | |
| **Total No. of Teaching-Learning Hours – 15 Theory + 30 Practical’s** | | | | | | | | | |
| **Unit** | | **Topics (Course contents): Theoretical learning** | | | | | | **No. of Hours** | |
| **I** | | **Introduction to Computer Network and Internet:**  Computer Network Basics – LAN, WAN, Topologies, IP Address, Domain Name, Protocol, TCP/IP Basics, HTTP, FTP, SMTP, Concept of Client/Server Model.  Internet Basics – Concept of Internet, Connectivity types, ISP, E-mail, www. | | | | | | **5** | |
| **II** | | **Fundamentals of Web Designing**  Planning a website-content, Graphics, Structuring and Navigation, Advertisements/popups. Design Principles and Issues – Usability, Loading time, color Schemes, Font choices, Image choices, Browser Compatibility. | | | | | | **5** | |
| **III** | | **Web Designing Tools and Technologies**  Website and Webpage, Hyperlink, Web Browser, Web Server, URL, Types of Websites (Static/Dynamic), Search Engine. Introduction of various Web Tools – Frontpage, Dreamweaver, Photoshop, Flash. Concept of Client-Side Scripting and Server-Side Scripting. Introduction to various Web Technologies. | | | | | | **5** | |
| **Topics (Course contents): Practical learning** | | | | | | | | | |
| **IV** | | ***After completion of this course, the students will be able to:***   * Get familiar with services provided by internet. * Get familiar with internet services and electronic mailing. * Use web search engines and web browsers. * Work with web tools. * Design web pages. * Using editing tools. | | | | | | **30** | |
| ***keywords*** | | ***Internet, Web Designing, Web Development, Web Designing tools.*** | | | | | | | |

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| **PART–C (CSSEC – 1)** | | |
| **Learning Resources: Text Books, Reference Books and Others** | | |
| **Text books:**   * Internet and Internet Engineering”, Daniel Minoli, TMH (Latest Edition) * HTML The Definite Guide”, Chuckmusiano & Bill Kenndy, O Reilly (Latest Edition) * Dynamic HTML”, Joseph Schmuller, BPB, 2000.   **Reference Books:**   * The complete Reference By Thomos A. Powell ,TMH publication(5th Edition) * Web Technology: A Developers Perspective ,N.P.Gopalan ,J.Akilandeswani,PHI Publication. * Web Technology: A Developments Perspective , N.P. Gopalan, J. Akilandeswari, PHI   **Online Resources / e-learning resources:**   * <https://diksha.gov.in/cbse/play/collection/do_313109215407038464184?contentType=TextBook> * <https://ndl.iitkgp.ac.in/> * <https://onlinecourses.swayam2.ac.in/nou22_cs11> * <https://nptel.ac.in/courses> * <https://cec.nic.in/cec/moocsug> * [eSkillIndia- eLearning Aggregator from NSDC](https://eskillindia.org/Course/course_detail/basic-web-development-eng) * <https://spoken-tutorial.org/> * <http://epathshala.nic.in> | | |
| **PART - D: Assessment and Evaluation** | | |
| **Suggested Continuous Evaluation Methods:**  **Maximum Marks: 50 Marks**  **Continuous Comprehensive Evaluation (CCE): 10 Marks Semester End Exam (SEE): 40 Marks** | | |
| **Internal Assessment:** Continuous Comprehensive  Evaluation (CCE) | Class Test -02 of 10 Marks each Assignment – 01 of 10 Marks | Average of the marks obtained in both test and assignment shall be considered against 10 Marks. |
| **Semester End Exam (SEE):** | Paper – **Two section – A & B**  Section A: Objective and Short answer type questions – **10 \* 01 = 10 Marks**  Section B: Descriptive answer type questions unit wise – **5 \* 02 = 10 Marks** | |
| **Practical/Prect Work** | Exercise / Field Work / Task = **20 Marks** | |
| ***Amendment or Modification shall may be made by Course Coordinator as per situation or directed by the department / Examination Call / NEP-20 Scheme Coordinator.*** | | |