

CBSE | DEPARTMENT OF SKILL EDUCATION
CURRICULUM FOR SESSION 2020-2021

WEB APPLICATION (SUBJECT CODE-803)

JOB ROLE: WEB DEVELOPER

RATIONALIZED CURRICULUM FOR CLASS – XII
(SESSION 2020-2021)

Total Marks: 100 (Theory-60 + Practical-40)

| | UNITS | NO. OF HOURS for Theory and Practical | | MAX. MARKS for Theory and Practical |
|---------------|---|---|-------------------------|---|
| | | Theory (In Hours) | Practical (In Hours) | Marks |
| Part A | Employability Skills | | | |
| | Unit 1: Communication Skills-IV | 10 | | 10 |
| | Unit 2: Self-Management Skills-IV | 10 | | |
| | Unit 3: ICT Skills-IV | 10 | | |
| | Unit 4: Entrepreneurial Skills-IV | 15 | | |
| | Unit 5: Green Skills-IV | 05 | | |
| Total | | 50 | | 10 |
| Part B | Subject Specific Skills | | | |
| | Unit 1: Movie Editing Tools | 10 | 25 | 10 |
| | Unit 2: Customizing and Embedding Multimedia Components in Web Pages | 25 | 20 | 12 |
| | Unit 3: Web Scripting – Java Script | 30 | 60 | 20 |
| | Unit 4: Work Integrated Learning IT– WA-II | 20 | 20 | 8 |
| | Total | 85 | 125 | 50 |
| Part C | Practical Work | | | |
| | Practical Examination | | | 15 |
| | Practical File/ Viva Voce | | | 10 5 |
| | Total | | | 30 |
| Part D | Project Work/ Practical File/ Field Visit/ Student Portfolio | | | 10 |
| | Total | | | 10 |
| | GRAND TOTAL | 260 | | 100 |

DETAILED CURRICULUM/TOPICS FOR CLASS XII

PART-A: EMPLOYABILITY SKILLS

| S. No. | Units | Duration in Hours |
|--------|--|-------------------|
| 1. | Unit 1: Communication Skills-IV | 10 |
| 2. | Unit 2: Self-management Skills-IV | 10 |
| 3. | Unit 3: Information and Communication Technology Skills-IV | 10 |
| 4. | Unit 4: Entrepreneurial Skills-IV | 15 |
| 5. | Unit 5: Green Skills-IV | 05 |
| | TOTAL DURATION | 50 |

NOTE: For Detailed Curriculum/ Topics to be covered under Part A: Employability Skills can be downloaded from CBSE website.

PART-B – SUBJECT SPECIFIC SKILLS:

- Unit 1: Movie Editing Tools
- Unit 2: Customizing and Embedding Multimedia Components in Web Pages.
- Unit 3: Web Scripting – Java Script
- Unit 4: Work Integrated Learning IT – WA-II.

| | UNIT TITLE | TOTAL MARKS |
|---------------|---|-------------|
| UNIT-1 | Movie Editing Tools: <ul style="list-style-type: none">- Familiarization of Interface Components.- Importing Pictures.- Importing Audio and Video Files.- Splitting and Joining Movie Clips.- Adding Titles and publishing | 10 |
| UNIT-2 | Customizing and Embedding Multimedia components in Web Pages: <ul style="list-style-type: none">- Compatible Multimedia file formats for Web Pages.- Embedding Audio file.- Embedding Video file.- Embedding Flash file. | 12 |

| | UNIT TITLE | TOTAL MARKS |
|---------|---|-------------|
| UNIT- 3 | Web Scripting – Java Script: <ul style="list-style-type: none"> - Java Script review. - Functions – user defined. - String Object. - Math Object. - Array Object. - Events* - Case Studies.* | 20 |
| UNIT-4 | Work Integrated Learning IT – WA-II: <ul style="list-style-type: none"> - Advanced Features of Web Design. - Code view*, Add-ins / Snippets and Page Transitions*. - Dynamic Web templates. - SEO - Search Engine Optimization. - Forms – Advanced*. - Publishing webpages or websites-I. - Publishing webpages or websites-II. - Authoring tools. - CSS templates. | 8 |
| | TOTAL MARKS | 50 |

(*NOTE: To be assessed in Practicals only. No question shall be asked from this portion in Theory Exams)

PART C: PRACTICAL SKILLS:

| DETAILS | MARKS DISTRIBUTION |
|--|--------------------|
| Programs / Practical Questions <ul style="list-style-type: none"> - Movie Editing Tools (10 Marks) - Customizing and Embedding, - Multimedia, Components in Web Pages (10 Marks) - Web Scripting - Java Script (5 Marks) | 25 |
| Project / Practical File | 10 |
| Viva Voce | 05 |
| TOTAL MARKS | 40 |