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|  SUBJECT: IT | **SYLLABUS FOR THE ACADEMIC YEAR 2021-2022** |
|  OPTION:  |
|  GRADE: 9 |
| Month  | Date | No.of days | Topics | Sub Topics | Lead |
|
| April |  11-15 | 5 | Chapter 1 : Basics Of Internet | IntroductionWorld Wide WebWeb Servers |   |
| 18-22 | 5 | Chapter 1 : Basics Of Internet | Web SiteWeb PageToolbar |
|  25-29  | 5 | Chapter 1 : Basics Of Internet | Blogs and URL |
| May |  2-6 | 5 | Chapter 2 : Web Services | IntroductionE mail , ChatVideo Conferencing |
|  9-13 | 2 | Chapter 2 : Web Services | E-learningE shopping |
|  16-20 | 5 | Chapter 2 : Web Services | Social Networking and E groups |
|  23-27 | 5 | Chapter 3: Introduction to GIMP | Image Editing ToolsCommomly used Image Editing ToolsGIMP |
|  30-31 | 2 | Chapter 3: Introduction to GIMP | Understanding GIMP window |
| June |  1-3 | 3 | Chapter 3: Introduction to GIMP | Menus of GIMP windowEditing ImagesLayers |
|  6-10 | 5 | Introduction to AI | Excite |
|  13- 17 | 5 | Introduction to AI | Relate |
| 20-24 | 5 | Introduction to AI | Purpose |
| 27-30 | 4 | Introduction to AI | Possibilities |
| August | 29-31 | 3 | Introduction to AI | AI Ethics |
| September |  1-2 | 2 | AI Project Cycle | Problem-Scoping |
|  5-9 | 5 | AI Project Cycle | Data-Acquisition |
|  12-16 | 5 | AI Project Cycle | Data Exploration |
| 19- 23 | 5 | **Revision** |
| 26- 30 | 5 | **First Semester Examination**  |
| October |  3-7 | 5 | **First Semester Examination**  |
| 10 14 | 5 | Chapter 4: Introduction to HTML | Introduction , OverviewStructure of HTML documentSaving HTML documentContainer and Empty Tags |
| 17 -21 | 4 | Chapter 5: HTML II | IntroductionImageLinking |
| 24-28 | 5 | Chapter 6 : Security Threats and Safety Measures | IntroductionVirusesWorms |
| November |  1- 4 | 4 | Chapter 6 : Security Threats and Safety Measures | torjan Hourse, spyware, Malware |
|  7-11 | 5 | Chapter 7 : Project | Intorduction and guidance |
|  14- 18 | 5 | Chapter 7 : Project | Intorduction and guidance |
| 21-25 | 5 | AI Project Cycle | Modelling |
| 28-30 | 3 | Neural Networks | IntroductionNeural Network and Nervous System |
| December |  5-9 | 5 | Neural Networks | Concept of Neural Network through gamification |
| January |  2-6  | 5 | Introduction to Python | Introduction to programming using online gaming portals like Code Combat |
|  9-13 | 5 | Introduction to Python | Introduction to Python programming language |
| 16-20 | 5 | Introduction to Python | Python Basics |
| 23-27 | 4 | Introduction to Python | Python Lists |
| 30-31 | 2 | Introduction to Python | More about lists and tuples |
| February |  1-3 | 3 | Introduction to Python | Flow of Controls and Conditions |
|  6-10 | 5 | Introduction to Python | Packages |
|  13-17 | 4 | Revision-AI |   |
|  20-24 | 5 | Revision-AI |   |
|  27-28 | 2 | **Revision** |
| March |  1-3 | 3 | **Revision** |
|  6-10 | 5 | **Annual Examination** |
|  13-17 | 5 | **Annual Examination** |