Lesson Plan

Name of Faculty Smt. Reetu /Sh. Virender Rawat

Department Computer Engg.

Semester 4th

Subject Project Work

Lesson Plan Duration : 15 weeks

Theory:-NIL Practical:-06

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| Practical | | | | |
| Week | | Practical Day | Topic | |
| 1st | | 1st | Discussion with Students about the various topic of Project work and different areas for selection of the topic | |
| 2nd | Continue Previous discussion | |
| 3rd | Analyzing the area of Interest of students | |
| 2nd | | 1st | Deep Analysis of the usefulness and scope of the project | |
| 2nd | Studying the alternate areas of project | |
| 3rd | Discussion on Possibilities, Pros and Cons of the  different projects | |
| 3rd | | 1st | Analyzing the limitations of the project | |
| 2nd | Discussion on the Hardware and Software requirements of the different Projects | |
| 3rd | Selection of the Project | |
| 4th | | 1st | Discussion about different possibilities and limitations of the selected projects | |
| 2nd | Studying the technical and personnel feasibility of the Project | |
| 3rd | Discussion on the Software Requirement Specifications of the Project | |
| 5th | 1st | | Studying the Behavioral and economic feasibility of the Project | |
| 2nd | | Studying the various areas of the project feasibility | |
| 3rd | |  | The Project feasibility report is being discussed |
| 6th | 1st | | Selecting the tools and software and hardware to be used | |
| 2nd | | Assessing the availability of the tools and technical support for the project | |
| 3rd | | Selection of the software and Hardware for development of the project | |
| 7th | 1st | | Designing and developing the Project | |
| 2nd | | Generation of the SRS Document which include the expected outcome and working of the project | |
| 3rd | | Software Requirement specification document is being discussed | |
| 8th | 1st | | Designing the algorithm and flowchart as per the requirement of the project | |
| 2nd | | Project Work assignment | |
| 3rd | | Continue Previous Work | |

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| 9th | 1st | Development and Coding of the algorithms in the language or software selected by the students |  |
| 2nd | Continue Project Work( Coding) |  |
| 3rd | Continue Project Work( Coding) |  |
| 10th | 1st | Continue Project Work( Coding) |  |
| 2nd | Continue Project Work( Coding) |  |
| 3rd | Continue Project Work( Coding) |  |
| 11th | 1st | Continue Project Work (Coding) |  |
| 2nd | Continue Project Work( Coding) |  |
| 3rd | Continue Project Work( Coding) |  |

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| 12th | 1st | Execution of the project  to assess its working |
| 2nd | Preparing real time and manual data for execution  of the project |
| 3rd | Execution of the project and checking  documentation |
| 13th | 1st | Testing the developed Project |
| 2nd | Testing the Project on manually created data and detecting and correcting syntax and logical errors |
| 3rd | Testing the Project on real time data and compare the results with the requirements specified at the start of the project assignment |
| 14th | 1st | Deciding the format and Report layout |
| 2nd | Deciding the chapter scheme and topics to be covered |
| 3rd | Writing the Project report as per the decided scheme |
| 15th | 1st | Evaluation of the Project report |
| 2nd | Evaluation of the Project report |
| 3rd | Evaluation of the Project report |
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