**Lesson Plan** Name of the Faculty : Neeraj Kumar Discipline : Computer Engineering

Semester : 6th Semester

Subject : Major Project

Lesson Plan Duration : 15 weeks (from January, 2019 to April, 2019) Work Load (Lecture) per week (in hours): Practical-15

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|  | Theory | | Practical | |
| Week | Lecture  Day | Topic  (Including Assignment  /Test) | Practical  Day | Topic |
| 1st | N/A | N/A | 1st | Selection of the Project Work |
| N/A | N/A | 2nd | Analyze & Study |
| N/A | N/A | 3rd | Analyzing the aptitudes and Interest of students |
| N/A | N/A | 4th | Detailed study of different project areas |
| N/A | N/A | 5th | Study of Previous Work Assigned |
| 2nd | N/A | N/A | 1st | Analyzing the usefulness and scope of the project |
| N/A | N/A | 2nd | Reconsidering the alternate areas of project |
| N/A | N/A | 3rd | Discussion on Possibilities, Pros and Cons of the different projects |
| N/A |  | 4th | Discussions on nature and scope of the selected project assignment |
| N/A | N/A | 5th | Study of Previous Work Assigned |
| 3rd | N/A | N/A | 1st | Assessing the boundaries of the project assignment |
| N/A | N/A | 2nd | Discussion on the Hardware and Software requirements of the different Projects |
| N/A | N/A | 3rd | Selection of the Project assignment |
| N/A | N/A | 4th | Revisions and Rework |
| N/A | N/A | 5th | Revisions and Rework |
| 4th | N/A | N/A | 1st | **Feasibility Study of the selected Project:** Discussion about different possibilities and limitations of the selected projects |
| N/A | N/A | 2nd | Studying the Project assignment and assessing the technical feasibility of the Project |
| N/A | N/A | 3rd | Study of Previous Work Assigned |
| N/A | N/A | 4th | Study of Previous Work Assigned |
| N/A | N/A | 5th | Study of Previous Work Assigned |
| 5th | N/A | N/A | 1st | Studying the Project assignment and assessing the Behavioral and economic feasibility of the Project |

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|  | N/A | N/A | 2nd | Study of Previous Work Assigned |
| N/A | N/A | 3rd | Study of Previous Work Assigned |
| N/A | N/A | 4th | Finalize the Project feasibility report |
| N/A | N/A | 5th | Study of Previous Work Assigned |
| 6th | N/A | N/A | 1st | **Planning of the Project-** selecting the tools and software’s and Front/Backend, H/w to be used |
| N/A | N/A | 2nd | Assessing the availability of the tools and technical support for the project |
| N/A | N/A | 3rd | Selection of the software and Hardware for development of the project |
| N/A | N/A | 4th | Revisions and Rework |
| N/A | N/A | 5th | Study of Previous Work Assigned |
| 7th | N/A | N/A | 1st | **Designing and developing & prototyping of the work** |
| N/A | N/A | 2nd | Generation of the SRS Document which include the expected outcome and working of the project |
| N/A | N/A | 3rd | Review Works According to the Project Work |
| N/A | N/A | 4th | Review Works According to the Project Work |
| N/A | N/A | 5th | Review Works According to the Project Work |
| 8th | N/A | N/A | 1st | Designing the algorithm and flowchart as per the requirement of the project |
| N/A | N/A | 2nd | Review Works According to the Project Work |
| N/A | N/A | 3rd | Review Works According to the Project Work |
| N/A | N/A | 4th | Review Works According to the Project Work |
| N/A | N/A | 5th | Review Works According to the Project Work |
| 9th | N/A | N/A | 1st | Development and Coding of the algorithms in the language or software selected by the students |
| N/A | N/A | 2nd | Review Works According to the Project Work |
| N/A | N/A | 3rd | Review Works According to the Project Work |
| N/A | N/A | 4th | Review Works According to the Project Work |
| N/A | N/A | 5th | Review Works According to the Project Work |
| 10th | N/A | N/A | 1st | Review Works According to the Project Work |
| N/A | N/A | 2nd | Review Works According to the Project Work |
| N/A | N/A | 3rd | Review Works According to the Project Work |
| N/A | N/A | 4th | Review Works According to the Project Work |
| N/A | N/A | 5th | Review Works According to the Project Work |
| 11th | N/A | N/A | 1st | Review Works According to the Project Work |
| N/A | N/A | 2nd | Review Works According to the Project Work |
| N/A | N/A | 3rd | Review Works According to the Project Work |
| N/A | N/A | 4th | Review Works According to the Project Work |
| N/A | N/A | 5th | Review Works According to the Project Work |
| 12th | N/A | N/A | 1st | **Execution of the project:** execution of the project to assess its working |
| N/A | N/A | 2nd | Preparing real time and manual data for execution of the project |
| N/A | N/A | 3rd | Execution of the project and checking documentation |
| N/A | N/A | 4th | execution of the Project and correction of any errors |

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|  | N/A | N/A | 5th | Review Works According to the Project Work |
| 13th | N/A | N/A | 1st | **Testing the developed Project** |
| N/A | N/A | 2nd | Testing the Project on manually created data and detecting and correcting syntax and logical errors |
| N/A | N/A | 3rd | Testing the Project on real time data and compare the results with the requirements specified at the start of the project assingment |
| N/A | N/A | 4th | Review Works According to the Project Work and do necessary rework |
| N/A | N/A | 5th | Review Works According to the Project Work and do necessary rework |
| 14th | N/A | N/A | 1st | **Report Writing:** Deciding the format and Report layout |
| N/A | N/A | 2nd | Deciding the Chapterization scheme and topics to be covered |
| N/A | N/A | 3rd | Writing thr report as per the decided scheme |
| N/A | N/A | 4th | Writing thr report as per the decided scheme |
| N/A | N/A | 5th | Review Works According to the Project Work and do necessary rework |
| 15th | N/A | N/A | 1st | Writing thr report as per the decided scheme |
| N/A | N/A | 2nd | Evaluation of the report and Rework if needed |
| N/A | N/A | 3rd | Evaluation of the report and Rework if needed |
| N/A | N/A | 4th | Evaluation of the report and Rework if needed |
| N/A | N/A | 5th | Evaluation of the report and Rework if needed |

**Signature of the Teacher**