

Govt. Polytechnic, Manesar (Gurgaon)

Lesson Plan (Major Project)

Name of the Faculty: Sharmila / Naveen Pratap Singh
Discipline: Electronics and Communication Engg.
Semester: 6th
Subject: Major Project
Lesson Plan Duration: (From Jan, 2018 to April, 2018)
Work Load (Lecture/Practical) per week (In hour): Practical-09

Week	Theory		Practical	
	Lecture Day	Topic(including assignment/Test)	Practical Day	Topic
1 st	NA	NA	1	Discussion & Concept of Major Project Work
	NA	NA	2	Making the group of students.
	NA	NA	3	Analyzing the importance of testing & basic engineering principles.
2 nd	NA	NA	4	Analyzing the aptitudes and Interest of students and submission of synopsis of project.
	NA	NA	5	Analyzing the usefulness and scope of the project
	NA	NA	6	Discussion on Possibilities, Pros and Cons of the different projects
3 rd	NA	NA	7	Discussions on nature and scope of the selected project assignment
	NA	NA	8	Assessing the boundaries of the project assignment
			9	Planning of the Project- selecting the tools and software and hardware to be used; and Finalizing of Projects.
4 th	NA	NA	10	Working on projects/Designing and making of PCBs; layout etc
	NA	NA	11	Working on projects/Designing and making of PCBs; layout etc
	NA	NA	12	Working on projects/Designing and making of PCBs; layout etc

5 th	NA	NA	13	Working on projects/Designing and making of PCBs; layout etc
	NA	NA	14	Working on projects/Designing and making of PCBs; layout etc
	NA	NA	15	Working on projects/Designing and making of PCBs; layout etc
6 th	NA	NA	16	Component Mounting/ assembling and testing.
	NA	NA	17	Component Mounting/ assembling and testing.
	NA	NA	18	Component Mounting/ assembling and testing.
7 th	NA	NA	19	Component Mounting/ assembling and testing.
	NA	NA	20	Component Mounting/ assembling and testing.
	NA	NA	21	Component Mounting/ assembling and testing.
8 th	NA	NA	22	Component Mounting/ assembling and testing.
	NA	NA	23	Component Mounting/ assembling and testing.
	NA	NA	24	Component Mounting/ assembling and testing.
9 th	NA	NA	25	Checking the chances for improvements.
	NA	NA	26	Checking the chances for improvements.
	NA	NA	27	Checking the chances for improvements.
10 th	NA	NA	28	Checking the chances for improvements.
	NA	NA	29	Complete execution & presentation by the students
	NA	NA	30	Complete execution & presentation by the students
11 th	NA	NA	31	Complete execution & presentation by the students
	NA	NA	32	Complete execution & presentation by the students

	NA	NA	33	Complete execution & presentation by the students
12th	NA	NA	34	Complete execution/ application of projects.
	NA	NA	35	Complete execution/ application of projects
	NA	NA	36	Complete execution/ application of projects
13th	NA	NA	37	Project Report Writing: Deciding the format and Report layout designing.
	NA	NA	38	Writing the report as per the decided scheme
	NA	NA	39	Writing the report as per the decided scheme
14th	NA	NA	40	Submission & Evaluation of the final project work including its report and viva
	NA	NA	41	Submission & Evaluation of the final project work including its report and viva
	NA	NA	42	Submission & Evaluation of the final project work including its report and viva
15th	NA	NA	43	Final evaluation after rework, if needed
	NA	NA	44	Final evaluation after rework, if needed
	NA	NA	45	Final evaluation after rework, if needed