

VAISH TECHNICAL INSTITUTE, ROHTAK

Lesson Plan

Name of the Faculty : Sanjay Tayal and Sunil Kumar Bhardwaj
 Discipline : Electronics and Communication Engg.
 Semester : 6th
 Subject : Major Project Work
 Lesson Plan Duration : Jan-Apr 2018
 Work Load (Lecture/Practical) per week : 09 Practical Lectures per Group

WEEK	Practical Day(03 periods each)	TOPIC
1st	1	Develop abilities likes interpersonal skills, communication skills, positive attitudes and values etc.
	2	Develop first hand experience and confidence to solve practical problems related to the project work
	3	Revision of Identification /Testing of components/instruments
2nd	4	Discussion on project assignment
	5	Discussion on project assignment
	6	Project assignment to the students
3rd	7	Selection/Finalisation of major project
	8	Selection/Finalisation of major project
	9	Synopsis presentation
4th	10	Project planning and execution of consideration ,over all knowledge of particular project
	11	Project planning and execution of consideration ,over all knowledge of particular project
	12	Project planning and execution of consideration ,over all knowledge of particular project
5th	13	Activities including Schematic Design,prepration of list of components and devices, and working concept.
	14	Activities including Schematic Design,prepration of list of components and devices, and working concept.
	15	Activities including Schematic Design,prepration of list of components and devices, and working concept.
6th	16	Activities including Schematic Design,prepration of list of components and devices, and working concept.
	17	Submission of complete list of componets by the student for procurement
	18	Schematic Design Using PCB Software
7th	19	Schematic Design Using PCB Software
	20	Schematic Design Using PCB Software
	21	Schematic Design Using PCB Software
8th	22	Perform PCB fabrication activity (circuit tracing, tracking, etching and drilling)
	23	Perform PCB fabrication activity (circuit tracing, tracking, etching and drilling)
	24	Perform PCB fabrication activity (circuit tracing, tracking, etching and drilling)

9th	25	Perform PCB fabrication activity (circuit tracing, tracking, etching and drilling)
	26	Perform PCB fabrication activity (circuit tracing, tracking, etching and drilling)
	27	Perform PCB fabrication activity (circuit tracing, tracking, etching and drilling)
10th	28	Perform Electronics component/devices mounting , soldering and testing activity
	29	Perform Electronics component/devices mounting , soldering and testing activity
	30	Perform Electronics component/devices mounting , soldering and testing activity
11th	31	Perform Electronics component/devices mounting , soldering and testing activity
	32	Perform Electronics component/devices mounting , soldering and testing activity
	33	Perform Electronics component/devices mounting , soldering and testing activity
12th	34	Point to Point testing and fault removing activities
	35	Point to Point testing and fault removing activities
	36	Point to Point testing and fault removing activities
13th	37	Point to Point testing and fault removing activities
	38	Point to Point testing and fault removing activities
	39	Final circuit assembly in a cabinet for presentation of major project
14th	40	Preparation for Final Output Testing and to bring it in presentable form
	41	Preparation for Final Output Testing and to bring it in presentable form
	42	Finalization of project report
15th	43	Finalization of project report
	44	Seminar cum Presentation of final prepared Major Project
	45	Seminar cum Presentation of final prepared Major Project