

GOVERNMENT POLYTECHNIC, PUNE
(An Autonomous Institute of Govt. of Maharashtra)

Programme	:	Diploma in ET/CE/EE//ME/MT/CM/IT/DDGM
Programme Code	:	01/02/03/04/05/06/07/08/16/17/21/22/23/24/26
Name of Course	:	Project & Seminar
Course Code	:	ET 481

Teaching Scheme:

	Hours /Week	Total Hours
Theory	--	--
Practical	04	128

Evaluation Scheme:

	Progressive Assessment	Semester End Examination			
		Theory	Practical	Oral	Term work
Duration	--	--	--	2 Hrs	--
Marks	50	--	50	50	50

Course Rationale:

The project work is included in the curriculum to encourage the students to under take various electronics applications.

Course Objectives:

After studying this course, the student will be able to

- Work Independently as a leader as well as member of the team also to manage project work.
- Collect necessary data, information from reference manuals, hand books, journals and websites.
- Use and integrate the knowledge various subjects .
- Design PCB Layout.
- Develop soldering and components mounting skills

Course Content:

Chapter No.	Name of Topic/Sub topic	Hrs	Marks
1.	Project Work	100	50
2.	Progressive assessment. (Project seminar and demo)	28	50
	TOTAL	128	100

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List of Practical/Experiments/Assignments:

Sr. No.	Name of Experiment/Assignment
1.	The project work will be completed by a group of 4 to 6 students. The students will decide a project related to electronic field. They will have to complete a fabrication of project and to submit the project report. Oral exam of project is based on this project work.
2.	Students should study various periodicals, Journals, Books etc or various advanced topics in the field of Electronics & Telecommunication. Topic should be selected in consultation with the guide. Seminar may be project related brief write up should be prepared for the seminar. The duration for the seminar presentation should be of 10 to 15 minutes. It should be interactive. Project seminar will be held at the end of first term. Project Demo will be held at the end of second term.

Instructional Strategy:

Sr. No.	Topic	Instructional Strategy
1.	Project Selection	In consultation with the guide the student should do the survey and should prepared basic building blocks for the project
2.	Seminar	It should be project related and relevant reference books and journals list should be attached Guidance should be provided to prepare seminar report transparencies power point presentation etc.

Prepared By:

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