

4020 – CIVIL ENGINEERING PROJECT									
Teaching Schedule Per Week			Progressive Assessment	Examination Schedule (Marks)					
Lectures	Practical	Credits		Theory		Practical Ex.		Total	
0	6	6	50	0	0	50		100	
Pre-requisite		Source	Semester	Theory	Test	Total	TW	PR	Gr Total
100 Cr		CVL		—	—	—	75	50	125

RATIONALE: -In order to develop self confidence and attain the professional competence, the students, based on the knowledge gained already in different courses will be required to integrate, in order to take up and solve the real live problems in Civil Engineering. They are required to acquire skills in site investigation, collection of data, simple designing, drawing and estimating and prepare a comprehensive project report, leading to the execution of the scheme beneficial to socio- economic development of the community. The students in small groups (6 to 10) will select any one of the projects in consultation with the faculty member concerned. Design of water-supply distribution system, design of a sewerage-system, road project, low cost housing for rural areas, design of rural construction technology project such as - rural water supply, sanitation, road, gohar gas plants, etc. building project. Any other suitable project.

COURSE CONTENTS	Hrs	Mks
Identifying the different work to be carried out in the project. Collecting data relevant to project. Conducting site surveys. Selection of most efficient alternative / method from the available data based on preliminary investigation. Design the required elements of the project as per standard practices. Prepare the working drawings for the project. Estimate the cost of the project, based on men, material and equipment required. Prepare a schedule of time and sequence of operations. Prepare a project report. Prepare Chart / Models for the project.		

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