



**C. U. SHAH UNIVERSITY**  
**Wadhwan City**

**FACULTY OF:** - Technology & Engineering  
**DEPARTMENT OF:** - Mechanical Engineering  
**SEMESTER:** - VII  
**CODE:** -4TE07PRO1  
**NAME – Project**

**Teaching & Evaluation Scheme:-**

Subject Code	Name of the Subject	Teaching Scheme (Hours)				Credits	Evaluation Scheme							
		Th	Tu	Pr	Total		Theory				Practical (Marks)			Total
							Sessional Exam		University Exam		Internal		University	
							Marks	Hrs	Marks	Hrs	Pr/Viva	TW	Pr	
4TE07PRO1	Project	0	0	2	2	1	--	---	--	---	---	50	50	<b>100</b>

**Course outline:-**

Undergraduate projects also constitute important components of the R&D programmes of the departments. Students carry out the research ideas of their supervisors, and in the process learn the techniques of research. It is essential that they become proficient on computer assisted literature search, patent search, experimental and computational techniques, systematic recording of data, writing of thesis and presentation before a scholastic audience. Needless to say, original scientific concepts and their effective exploration shall get due credit in evaluation of the projects. This shall consist of work carried out by a student during the period of final & or pre final semester with the main purpose of developing the ability of applying the knowledge gained in the undergraduate studies to some practical problems. A student is required to carry out project work related to Mechanical Engineering under the supervision / guidance of faculty member.

The project may be based on any of the following suggested list:

- Design, analysis and/or fabrication,
- Experimentation,
- Product design and development,
- Design and development of laboratory equipments/test rigs,
- Developing computer programmes/software,
- Industry based project
- Industry need based basic survey or Testing or Analysis etc.

The student can undertake project single handed or in a group of not more than four students. Normally, thesis evaluation shall be based on 3 components – (a) evaluation by supervisor based on day to day work by the student, (b) that by departmental committees that will lay emphasis on proper research methodology and maintenance of records, and (c) that by institute level committees which will strive to ensure that students have demonstrated effective use of institutional resources such as computer aided literature search, patent search, use of advanced

fabrication and characterization equipment, industrially relevant R&D problems and he like that bring glory to the institute. Preliminary literature review, objective, methodology and scope of project work undertaken will be presented in form of report for end semester certificate from Head of department for examination.