Kadi Sarva Vishwavidyalaya
Gandhinagar-382015

B.E Semester: 7
Electronics & Communication Engineering
Subject Name: Project- I
Subject Code: EC-705

A. **Course Objective:**

The educational objectives of this course are

- To present a problem oriented project in the field of emerging technology in the area of electronics & communication. or take minor project of one semester duration.
- To identify the organization, where project is to be carried out in Sem VII- VIII

B. **Teaching / Examination Scheme**

SUBJECT		Teaching Scheme				Total Credit	Evaluation Scheme					Total Marks
		L	T	P	Total		THEORY		IE	CIA	PR. / VIVO	
CODE	NAME	Hrs	Hrs	Hrs	Hrs		Hrs	Marks	Marks	Marks	Marks	
EC- 705	Project-I	0	0	10	10	5	0	0	0	50	100	150

C. **Syllabus**

1. Introduction of the concept of the project phase i.e. why, when . . . (a boost to encourage the students for its special importance in terms of strengths and demands)

2. Defining the area of interest from the emerging field of electronics & communication, computer technology and application of electronics in social, medical and research.

3. Searching for the reading material(s)
4. Reading the material for finalizing the topic
5. Reading and understanding the real problem and hardware
6. Deciding the specifications of components and devices to be used for the specific design problem.

D. **Students Learning Outcomes**

On successful completion of the course
   Able to understand the basic importance of advanced phase of the mini project

- Able to present him/herself in front of the public i.e killing the stage fear and building the self-confidence to deal with real time challenges even in emergencies like breakdown etc.

- Able to study and work at his/her own in the area of interest.

- Develop the soft skill and personality

- Able to learn multiple new techniques

- Able to know the current trends in the electronics and communication engineering

- To get exposure for other integrated areas such as market survey for technical components, cost effectiveness for purchasing them.

- The student can identify different areas image processing, embedded , Wireless communication , computer networking, and VLSI etc . One can find the applications of all the areas in day to day life from industry, mobile communication and medical science, etc.

E. **Recommended Study Materials**

Review of technical journals, papers, and thesis