



**Kadi Sarva Vishwavidyalaya**  
**Faculty of Engineering & Technology**  
**Fourth Year Bachelor of EC Engineering**  
( VIII<sup>th</sup> Sem Academic Year 2020)

**Subject Code: EC804-N**

**Subject Title: Project -2**

**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.

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	
	Project-I	0	0	22	22	11	0	0	0	200	300	500

**Outline of the Course:**

The Project should cover specifications, analysis, design, modeling, simulations and implementations of related work and finally it will be supported by test and measurements. Candidate will be required to complete the work within 06 months after the registration of 8<sup>th</sup> semester. After successful completions of project work, final report should prepare and submitted to the department.

**Detailed Syllabus**

1. Revision, if any, Analysis, design, modeling and simulation for the soft / paper work certified / Passed by the faculty advisor
2. Fabrication and test – measurement
3. Writing and re-writing the abstract / summary and report
4. Preparing and finalizing the presentation in .ppt format
5. Publish at least one paper in Journal/ Seminar/ Conference
6. Presenting and attending the project-related seminar(s) (during the semester)
7. Final presentation



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**Instructional Method and Pedagogy:**

The Course instructor will follow instruction methodology and pedagogy as follows:

- At the start of course, the course delivery pattern, prerequisite of the subject will be discussed.
- Attendance is compulsory in laboratory which carries a 10% component of the overall evaluation.
- In each subsequent lab student have to regularly update about progress of the student/Group project. The student/group should maintain a logbook of activities. Work done, problem faced and solution evolved can be reported in logbook.
- It is preferable to publish at least one paper in national conference.
- Student/Group has to submit a project report. Evaluation will be made according to progress of the project.

**Learning Outcome:**

On successful completion of the course student will be able to:

1. Explore the new ideas & the possible areas to work ahead.
2. Use the various methodologies useful for doing project work. Investigate the chosen topic in depth. This implies collecting and reviewing literature and understanding & interpreting the most up-to-date concepts and theories of your chosen academic field and/or project topic.
3. Apply the concepts and theories learnt in previous years of study and work placements.

**TEXT & REFERENCE BOOKS:**

**Review of technical journals, papers, and thesis.**