PROJECT PHASE-I

Course Code	19EC3761	Year	IV	Semester	I
Course Category	Project	Branch	ECE	Course Type	Project
Credits	2	L-T-P	0-0-4	Prerequisites	--
Continuous Internal Evaluation:	100	Semester End Evaluation:	--	Total Marks:	100

Course Outcomes	
Upon successful completion of the course, the student will be able to	
CO1	Identify an open ended problem in areas of Electronics and Communication engineering which requires further investigation
CO2	Identify the methods, tools and components required for the project work
CO3	Manage the work with team members
CO4	Formulate and implement innovative ideas for social and environmental benefits
CO5	Analyze the results to come out with concrete solutions
CO6	Write technical report of the project apart from developing a presentation

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Mapping of course outcomes with Program outcomes (CO/ PO/PSO Matrix)
Note: 1- Weak correlation   2-Medium correlation   3-Strong correlation
     * - Average value indicates course correlation strength with mapped PO

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	2	3	3	3	3	3	3	3	3	2		3	2	3
CO2	3	3	3	3	3	3	3	3	3	1		1	2	1
CO3		1	1		3	2	1	3	3				2	1
CO4	3	3	3	3	3	2	3	3	3	2		2	2	3
CO5	3	3	3	3	3	2	3	3	3	2		2	2	3
CO6	1	1	3	2	3	3	1	3	3	3	2	2	2	1

Objective

➢ To do an innovative Project work in one of the specialization of ECE with application of knowledge earned while undergoing various courses and laboratories in the course of study

Guidelines:
❖ This subject will be offered to the all final year Electronics and Communication engineering students during the 7th semester.
❖ Carry out project work on latest topic as a forerunner to the full-fledged project work to be taken subsequently in VIII semester. The project work shall contribute to the needs of the society

➢ He/she will carry out a minor project by applying the knowledge gained in the areas of Electronics and Communication Engineering to solve societal problems

- ❖ Communications, Networking and Signal Processing/Machine Learning
- ❖ System, Control and Robotics
- ❖ Image processing, wireless sensor networks and antennas
- ❖ Electromagnetics and Analog/RF/Biomedical Circuits.
- ❖ IoT and VLSI

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