Course Description

8th Semester:

Title: Major Project Part – II Code: 18B19CI891

L-T-P scheme: 0-**0-16** **Credit: 08**

Prerequisite: Students must have already completed Project Part-1.

Objective:

1. To apply engineering knowledge in practical problem solving
2. To foster innovation in design of products, processes or systems
3. To develop creative thinking in finding viable solutions to engineering problems.

Learning Outcomes:

Course Outcome	Description
CO1	Summarize the contemporary scholarly literature, activities, and explored tools for hands-on in the respective project area
CO2	List out the specific requirements to develop the workable solution for the identified computing problem.
CO3	Develop a workable computing solutions for the identified problem
CO4	Evaluate the performance of the developed solution
CO5	Compile the results and findings of the project in written and verbal formats
CO6	Developing the ability of develop a complete IR system from scratch.

Course Content:

Unit-1: In depth study of the topic assigned in the light of the preliminary report prepared in the seventh semester.

Unit-2: Review and finalization of the approach to the problem relating to the assigned topic.

Unit-3: Preparing a detailed action plan for conducting the investigation, including team work Detailed Analysis/Modeling/Simulation/Design/Problem Solving/Experiment as needed.

Unit-4: Final development of product/process, testing, results, conclusions and future directions.

Unit-5: Preparing a paper for Conference presentation/Publication in Journals, if possible.

Unit-6: Preparing a report in the standard format for being evaluated by the dept. assessment board.
Unit-7: Final project presentation and viva voce by the assessment board including external expert.

Teaching Methodology:

- Regular supervision by project guide

Evaluation Scheme:

Exams	Marks	Coverage
Mid Semester Viva	20 Marks	Based on Unit-1, Unit-2, Unit-3
Final Viva	30 Marks	Based on Unit-4,Unit-5,Unit-6 and Unit-7
Project Report	20 Marks	
Day to Day Work	30 Marks	
Total	**100 Marks**	

Text Book/Reference material:

- Seven latest international journal papers having high impact factor. MOOC Courses from Coursera, NPTEL etc.

Journals References:

[1] ieee.org
[2] dl.acm.org
[3] Elsevier
[4] Springer