

ITE1904	Capstone Project	I	T	P	J	C
		0	0	0	0	12
Pre-requisite	As per the academic regulations	Syllabus version				
		1.0				
Course Objectives:						
To provide sufficient hands-on learning experience related to the design, development and analysis of suitable product / process so as to enhance the technical skill sets in the chosen						
Expected Course Outcome:						
At the end of the course the student will be able to						
1. Formulate specific problem statements for ill-defined real life problems with reasonable assumptions and constraints.						
2. Perform literature search and / or patent search in the area of interest.						
3. Conduct experiments / Design and Analysis / solution iterations and document the results.						
4. Perform error analysis / benchmarking / costing						
5. Synthesise the results and arrive at scientific conclusions / products / solution						
6. Document the results in the form of technical report / presentation						
Student Learning Outcomes		5, 6, 20				
Contents						
1. Capstone Project may be a theoretical analysis, modeling & simulation, experimentation & analysis, prototype design, fabrication of new equipment, correlation and analysis of data, software development, applied research and any other related activities.						
2. Project can be for one or two semesters based on the completion of required number of credits as per the academic regulations.						
3. Can be individual work or a group project, with a maximum of 3 students.						
4. In case of group projects, the individual project report of each student should specify the individual's contribution to the group project.						
5. Carried out inside or outside the university, in any relevant industry or research institution.						
6. Publications in the peer reviewed journals / International Conferences will be an added advantage.						
Mode of Evaluation: Periodic reviews, Presentation, Final oral viva, Poster submission						
Recommended by Board of Studies						
Approved by Academic Council		No.53	Date	13.12.2018		

