

Desired Outputs from the final presentation of Capstone Projects

- Clearly demonstrate the project need analysis, function analysis, problem formulation and objectives.
- Clearly demonstrate the Analysis and Synthesis of the project.
- Analysis involves the application of ***engineering tools and principles***.
- Synthesis involves the creation of a new system, component or process to meet desired needs
- Present the complete system details through evident system design (specifications, working components/features, prototype, mathematical formulations, algorithms etc), conceptual design, constraints and assumptions of the project.
- Impact of engineering solutions in a global, economic, environmental, and societal context.

Capstone Project will be evaluated for (50 marks)

Evaluation Criteria	Marks	Specifications
Problem Analysis and Detailed Design	20	<i>*Problem analysis and detailed design must be presented in the presentation as per the presentation content guidelines. *A working prototype is must. It must be accompanied with at the time of presentation and showcased in front of panel members.</i>
Weekly Diary Individual	05	<i>Must be complete and weekly signed by the mentor till date</i>
PPT presentation	10	<i>Must meet the standards as given in the Capstone Diary</i>
Technical report	15	<i>Must meet the standards as given in the Capstone Diary</i>