

## PROJECT (ICS-853)

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### Prerequisite:

### Course Content:

The practical implementation of theoretical knowledge gained during the study from first year to third year. Students are required to implement their original ideas, modification/enhancement of the existing engineering techniques, real time industrial problems, and current applications of their courses of study. Projects work can be of two types: Projects based on implementation of any application oriented problem which will be more or less experimental in nature and the others will be based on some innovative/ theoretical work.

The project work may be carried out in two modes:-

1. **In-house Project:** The project work assigned by some Faculty member of the department which will have to be carried out during VII<sup>th</sup> and VIII<sup>th</sup> semester along with regular course of study. It is expected that the complete SRS document will be prepared during VII<sup>th</sup> semester and design & implementation work will be done in the VIII<sup>th</sup> semester.
2. **Industrial Project:** Student will work on a problem assigned by some industry under the guidance and supervision of some industrial practitioner. The first phase of the work related to SRS document etc. will be completed during VII<sup>th</sup> semester in the department along with the regular course of study. But, the design & implementation work will be done in the respective industry itself during the VIII<sup>th</sup> semester.

### Course Outcomes:

1. Show preparedness to work independently on real time problem scenarios to be addressed using knowledge of fundamentals, techniques, programming languages and tools in the area of Computer Science & Engineering. (Analyze, Create)
2. Use the innovative ideas and thoughts to address real life issues and provide efficient solutions for process oriented works.