

CIRCULAR**Capstone Project and Internships – Reg.**

It is hereby informed that the final year students registering for Capstone Project are required to report to their Program Chairs on 29-11-2017 (Wednesday). The project start date will be the same as the first instructional day of Winter Semester 2017-18. Students who will be taking up their capstone project in other institutions or interning in industries are also required to be on campus till they report to the respective institute / industry.

Selection of Project:

Through the Capstone Project the student is expected to get prepared for engineering practice in the relevant industry. The student is expected to identify the project problem based on the knowledge and skills acquired in earlier course works and incorporating relevant engineering standards and realistic constraints that include most of the following considerations, namely, economic, environmental, sustainability, manufacturability, ethical, health and safety, social etc..

Content of the Project:

The concepts such as the principles of design, the use of engineering tools to frame engineering design concepts, teamwork and project management necessary to implement design concepts, communications and ethical responsibility will guide the students in undertaking their project work. The Project Work may involve design, analysis, modeling & simulation, experimentation & analysis, prototype, fabrication of new equipment, correlation and analysis of data, software development, etc. or a combination of these.

Expected Outcome of the Project:

This course meets of the following outcomes (SLOs):

2. Having a clear understanding of the subject related concepts and of contemporary issues
6. Having an ability to design a component or a product applying all the relevant standards and with realistic constraints
9. Having problem solving ability - solving social issues and engineering problems
16. Having a good working knowledge of communicating in English

17. Having an ability to use techniques, skills and modern engineering tools necessary for engineering practice.

Method:

1. The students are encouraged to carry out the project work in multidisciplinary areas.
2. The project can be an individual work or a group project, with maximum of 3 students.
3. In case of group project, the individual student should identify the individual's contribution to the group project.
4. The project can be carried out inside or outside the university, in any relevant industry/Organization/Institution on the recommendation and approval of Dean of the school. However, as has been followed thus far, in case of an industry project not disclosable for viva-voce, the student is to undertake another project under a supervisor of his school for reviews and thesis.
5. The schedule for the reviews is given below.

Review	Period	Weightage	Remarks
1st Review	29-11-2017 to 05-12-2017	5%	Guide acceptance and finalizing the project title
2nd Review	01-02-2018 to 07-02-2018	35%	The progress of the work will be reviewed (on Campus). Students carrying out project outside the country can give the review through skype
Thesis	02-04-2018 to 07-04-2018	10%	Submission of the report to be done ten days prior to the exact dates of final review
Final Viva-voce	09-04-2018 to 21-04-2018	50%	Exact dates will be communicated by the Program Chair

*V S Kanchana Bhaaskaran
Dean (Academics)
VIT Chennai*

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