

**PES UNIVERSITY**  
**DEPARTMENT OF SCIENCE AND HUMANITIES**

(Session: January – May 2016)

**UE14MA251 / 14 MA251 – LINEAR ALGEBRA AND ITS APPLICATIONS**

**Projects in Linear Algebra as part of In Semester Assessment (ISA) / CONTINUOUS INTERNAL EVALUATION (CIE)**

**Introduction:**

All students of Fourth Semester B. Tech / B. E of the PES University / PESIT have to compulsorily take a project work in the above mentioned course as part of In Semester Assessment (ISA) / Continuous Internal Evaluation (CIE). Projects are opportunities for a student to study a topic in mathematics and develop skills such as writing reports and giving presentations. By doing a project the students get an opportunity to work as a team, spend a good amount of time in gathering knowledge and get a wider perspective of it which will foster the research ability in them.

**Guidelines:**

- The students in a section would be divided into groups (typically 6 members in a group) and a project would be handed over to them.
- The Course Instructor (CI) in Mathematics of the section will be the Guide / Supervisor of the project.
- The students as a team are expected to gather the required information on the topic and prepare a report and a presentation before the deadline given to them.
- The students can consult their CI in case of difficulty.
- The project report should be submitted to the CI soon after the CBT - 2. The format of the report can be collected from the CI.
- The report should include full bibliography, indicating all the books, articles or websites used.
- The CI reserves the right to deduct marks in case of late submission of the report.

**Evaluation:**

- The students as a team have to be compulsorily present on the day specified by the CI for project evaluation.
- Any member of the team, randomly chosen by the CI, will be called to present the work to ensure that all members are able to demonstrate that they have understood what they have written in the project report.
- Each team is expected to give a 15-20 minutes talk and there is 5 - 10 minutes for questions from the panel.
- Students can make the presentation in any format they like, eg OHP slides, PowerPoint, video, flip-chart, models etc.
- The project will be evaluated based on the following: Submission of project report on time, a well-organized presentation of the work, good choice of examples and evidence of hard work in understanding the topic.
- The decision of the CI will be final and binding.

Prof. Geetha Shankar  
Chief Course Instructor – Linear Algebra