



UE21MA241B

LINEAR ALGEBRA AND ITS APPLICATIONS

EVALUATION POLICY

MODE OF CONDUCTION (ISA-ESA PATTERN)

Pattern:

ISA – CBT mode (as per the Institutional Policy)

ESA – (as per the Institutional Policy)

ISA

Assessment Components:

1)

- Five ISA's

Each ISA Conducted for 20

- Each ISA Scaled down to 7.5
- Best four of five will be considered
- Total ISA – 30

2)

Assignments	05Marks
Mini Project	05 Marks
MATLAB	05(Record)+05(Exam(CBT Mode) marks
Total	20 Marks

Total ISA Marks=30+20=50 Marks.

Assignment (10 Marks need to be converted to 5 marks):

- Each unit will be evaluated for 2 marks.
- From each unit 5 questions need to be asked and has to be evaluated for 10 marks and then convert into 2 marks.
- All topics has to be given equal preference.

MATLAB: (05 marks record + 05 marks exam)

Matlab test will be conducted in CBT mode, the questions will be either objective type questions or a program will be asked to write and execute.

Mini project: (10 Marks) (need to converted to 5Marks)

Aim: Students exposure to an application of linear Algebra.

Student has to select a topic and Three students can form a group.

Evaluation procedure:

1) **Background and framing of the problem (03 marks):** How mathematical and non-mathematical portions of your topic will fit into the applications of linear algebra and framing of the problem. Detailed explanation has to be given.

2) **Solution :(04 marks)**

Solution to the problem has to be explained in detailed along with the technique and mathematical methods used to solve the problem

3) **References (02 Marks):** Students has to list out all the references used in the entire procedure. At least two books and two journal papers minimum of 08 references has to be given and should be cited.

4) **01 marks will be given for Clarity, neatness, organization and creativity.**

