

B COM - 1 (2nd semester).

Lesson plan

Subject- Business Mathematics.

(Dr. Ashok Kumar)

01,02,04-04-2022. to 09-04-2022

Matrix- Defination of matrix, types of matrix, Algebra of Matrix.

11-04-2022 to 16-04-2022

Calculation of values of Determinants up to third oder, adjoint of a matrix, elementary row and column operations

18-04-2022 to 23-04-2022

Finding Inverse matrix through adjoint and elementary row and column operations.

25-04-2022 to 30-04-2022

Solution of a system of linear equations having unique solution and involving not more than three variables

02-05-2022 to 07-05-2022

The derivative of a function, method to find derivative of a function from first principle or AB-INITIO, logarithmic differentiation

09-05-2022 to 14-05-2022

First derivative test for finding Local marima and minima , second derivative test for finding Local marima and minima

16-05-2022 to 21-05-2022

Certain different types of interest rate , concept of present value and amount of a sum

23-05-2022 to 28-05-2022

Type of Annuities, present value and amount of an annuity, including the case of continuous compounding

30-05-2022 to 04-06-2022

Commensurable and incommensurable quantities, comparison of ratio , composition of ratio, proportion, properties of proportion

06-06-2022 to 11-06-2022

Percentage, conversion of percentage into fraction and vice-versa, profit and loss

13-06-2022. Revision