FAIRFIELD Institute of Management & Technology
(Affiliated to GGSIP University, New Delhi)
तेजस्वि नावधीतमस्तु
ISO 9001:2008 & 14001:2004
NAAC ACCREDITED
'A' Grade Institute by DHE, Govt. of NCT Delhi, Affiliated to GGSIP University Delhi
and Approved by Bar Council of India & NCTE

BA ECO II	Mathematics for Economics-II	Paper Code:106

Objective: The Objective of this subject is to introduce the student to different optimization technique required for fundamental analysis of variable used in other paper of economics.

Q1. Define Function and its properties application of function.

Q2. Differentiate between differentiability and continuity?

Q3. Short Notes on:
   i.   Implicit function
   ii. Homogenous function
   iii. Homothetic Function

Q4. Differentiate constraint & unconstraint optimization.

Q5. State economic application of integration.

PROCEDURE:

For completing the assignment students should refer to the books mentioned in syllabus and they can take help from internet. The assignment should be handwritten and properly filled. Students should make assignment in the following manner:

1. Cover page
2. Objectives
3. Index
4. Content
5. Conclusion
6. References
7. Softcopy AND Hardcopy
8. Give proper headings and subheadings
9. Explain every topic in points and using diagrams.
10. Put Examples

OUTCOME:

After doing this assignment, students will come to understand the importance of mathematics in economics.

TEXT BOOKS:

[T1]Rosen, K.H., Discrete Mathematics and its Applications, McGraw Hill, (2006) 6th ed.

[T2]Kolman, Busby and Ross, "Discrete Mathematical Structure", PHI, 1996.

[T3]Babu Ram, "Discrete Mathematics", Pearson Education

REFERENCE BOOKS:

[T1]S.K. Sarkar, "Discrete Maths"; S. Chand & Co., 2000