



तेजस्वि नावधीतमस्तु
ISO 9001:2008 & 14001:2004
NAAC ACCREDITED

FAIRFIELD Institute of Management & Technology

(Affiliated to GGSIP University, New Delhi)



'A' Grade Institute by DHE, Govt. of NCT Delhi, Affiliated to GGSIP University Delhi
and Approved by Bar Council of India & NCTE

BCA: 2nd Semester

MATHEMATICS-II

Exam Code: 102

OBJECTIVE

To enable professional undergraduate students to understand the importance of mathematics in computer science.

QUESTIONS

- 1) Define Sets with example also discuss its types with example.
- 2) Write the Properties of Relations & Functions.
- 3) What is hashing functions & Recursive function?
- 4) What is Representation of POSETS using Hasse diagram,
- 5) Define graph, isomorphic and homomorphism graph with the help of example.

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 computer science.

REFERENCE BOOKS:

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