

Vidya Prasarak Mandal's
K.G Joshi College of Arts & N.G Bedekar College of Commerce, Thane

Department of B.Com (Accounting & Finance)
Organises Bridge Course on

Title: “Basics in Mathematics”

Preamble:

Basics in Mathematics course have been designed by looking into the difficulties faced by the students in preparation of their Term end examination 2nd Semester of 100 marks. To those students who have not studied Mathematics in 11th and 12th standard and find it difficult to cope up with these subjects. To help such students to understand basic fundamental concepts of math, algebra and geometry. The course will definitely improve basic mathematical skills and help the students to acquire better understanding of the math-based subjects

Objective:

1. To teach the mathematical concepts and principles of multivariate calculus, vector and matrix algebra, differential equations and their applications in business and economics.
2. To teach application of business mathematics in professional / real life.

Syllabus:

1. Fundamental concepts of math, algebra and geometry
2. Problem solving through theory and practical
3. Ratio, Proportion and Percentage
4. Interest and Annuity Calculation

Curriculum:

Course Duration : 10 days (1.5 hrs per day) , Total – 15 hrs

Eligible Students: Any Under Graduates in the field of commerce

Course Inception: 2018-2019 (Continue till date)

Commencement of Course: Every year in the month of December

Time : 11.30am to 1.30pm

Mode : Hybrid (Online/ Offline)

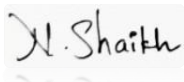
Reference Books:

1. Business Mathematics By D. C. Sancheti and V. K. Kapoor, Sultan Chand & Sons, 2006, Chapter 1, 5, 7, 9 &10.

2. Business Mathematics and Statistics by R.K. Ghosh and S. Saha, New Central Agency Pvt. Ltd. Calcutta
3. Commerce Mathematics by Om P. Chug, etc., Anmol Publication Ltd., New Delhi
4. Mathematics for Economics and Business by J. Soper, Blackwell Publishing, U.S.A.
5. Business Mathematics & Statistics: B Aggarwal, Ane Book Pvt. Limited
6. Business Mathematics: D C Sancheti & V K Kapoor, Sultan Chand & Sons
7. Business Mathematics: A P Verma, Asian Books Pvt. :Limited

Course Outcome:

1. Demonstrate an understanding of the foundations and history of mathematics.
2. Perform computations in higher mathematics.
3. Read and understand middle-level proofs.
4. Write and understand basic proofs.
5. Develop and maintain problem-solving skills.
6. Use mathematical ideas to model real-world problems.



Dr. Neelam Shaikh
(BAF Coordinator)