

People's Education Society's
DR. AMBEDKAR COLLEGE OF COMMERCE AND ECONOMICS WADALA, MUMBAI
AFFILIATED TO UNIVERSITY OF MUMBAI
DEPARTMENT OF STATISTICS ORGANISES BRIDGE COURSE ON
"BASICS OF MATHEMATICS AND STATISTICS"

TITLE: "BASICS OF MATHEMATICS AND STATISTICS"

PREAMBLE:

A short intensive learning programme designed to help students to acquire skills and knowledge needed for online MCQ type examination pattern for FYBCOM Students. To help those students who have not studied Mathematics in 11th and 12th standard and find it difficult to cope up with this subjects

OBJECTIVE:

1. To bridge the gap between 10th standard and F.Y.BCOM with respect to the basic concepts in Mathematics and Statistics
2. To make students understand basic concept of Mathematics and Statistics and principles computational skills, algebra, basic statistical measures and their application in business.

SYLLABUS:

1. Basic calculation using simple calculator
2. Calculate values from given proportions and percentage
3. Introduction to Shares and Mutual Fund
4. Find the values of factorials, Permutations and Combination
5. Measure of Central Tendency for Simple Data
6. Measure of Dispersion & test of Consistency
7. Probability Theory & Distribution
8. Best Decision under Uncertainty & Risk Environment

CURRICULUM:

Course Duration: 12 days(2 hrs per day), Total – 24 hrs

Eligible Students: Any FY Students in the field of Commerce

Commencement of Course: 20th December 2021.

Time: 2:00 pm to 4:00 pm

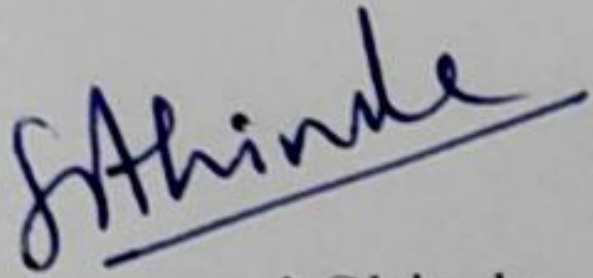
Mode: Online

REFERENCE BOOKS:

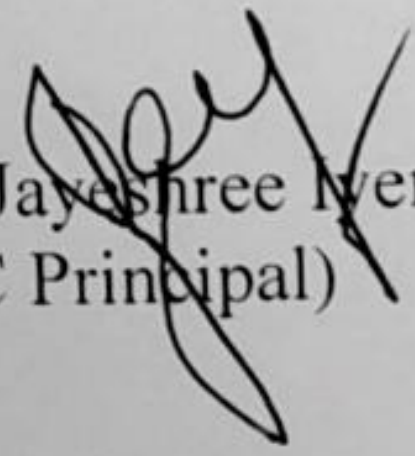
Mathematical and Statistical techniques by Prof. Swapnal Shinde and Dr. Latika Bonde,
Mathematical and Statistical techniques by Dr. M.N Welling, Mrs. P.M Saraph and Dr. S.M.
Diwanji, Basics of Mathematics by Prof. Agashe and Prof. Kulkarni

COURSE OUTCOME:

1. Improvement in understanding of Fundamental Calculus.
2. Enhance Computational Skills in Algebra, Geometry and Applied Mathematics
3. Develop Aptitude and Reasoning skill
4. Use Mathematical and Statistical application in business.



Prof. Swapnal Shinde
In-charge of statistic Dept.
(Course Coordinator)



Dr. Jayeshree Iyer
(I/C Principal)