Fundamentals of Mathematics and Statistics (CC-FMS)

Department of Commerce in Association with IQAC Organizes Add-on course on

FUNDAMENTALS OF MATHEMATICS AND STATISTICS

'Learn basics of Maths'

09TH SEPTEMBER 2022 TO 1ST OCTOBER 2022

Principal
Dr. V. S. Adigal

Vice-Principal & IQAC
Coordinator
Dr. Deepa Verma

Vice Principal
Dr. Prajakta Paranjape

HOD Dept. of Commerce
Prof. Praktana Kore

FUNDAMENTALS OF MATHS AND STATISTICS VALUE ADDED CERTIFICATE COURSE (SSD)

2022-2023

Sr.no	Particulars	
1.	Name of the Program and Course Code	Name **Certificate course on Fundamentals of Maths and Statistics (Basic)**
2.	Duration	Minimum 30 Hours
3.	Curriculum / Syllabus copy of the course	1) Shares a. Concept of share b. face value, market value, c. dividend, equity shares, preferential shares, bonus shares. d. Simple examples, problems related SIP 2) Time Series a. Concepts and components of a time series. b. Estimation of Trend using Moving Average Method and Least Squares Method (Linear Trend only). c. Estimation of Seasonal Component using Simple Arithmetic Mean for Additive Model only (For Trend free data only). 3) Elementary Probability Theory a. Concept of random experiment/trial and possible outcomes. b. Sample Space and Discrete Sample Space. c. Events their types. d. Algebra of Events, Mutually Exclusive and Exhaustive Events, Complimentary events. e. Classical definition of Probability, Addition theorem). f. conditional probability. Independence of Events, Simple examples.

		4) Binomial and Exponential Distribution
		
		    a. Distribution: Binomial, Poisson.
		    b. Continuous Probability distribution: Normal Distribution.

4.	Committee (BoS) for syllabus setting	Prof. Mrs. Deepashree Vartak Prof. Mrs. Madhu Sharma 1. Chairman 2. HOD 3. Other Members