

BROCHURE FOR ADD-ON COURSE IN Quantitative Techniques

Offered By

Department of Mathematics and Statistics

St. Xavier's College (Autonomous), Ranchi

Course Coordinator: Vijay Kumar Mehta, Pappu Mahto

Aim & Objective: Quantitative techniques help candidates in improving their decision – making skills, problem – solving skills, and setting goals. These personal skills are necessary for building a stable career foundation. The course aims in making the students understand the fundamental techniques and help them to prepare for competitive examinations.

Target Group: Any students of St. Xavier's College, Ranchi, Jharkhand.

Number of Seats: 30

Pedagogy and Methodology: The lectures during the course will avoid the conventional class room teaching. It will involve interactive learning and group learning among the students to enhance their mathematical thinking and problem-solving approach.

Course Outcome: After completing this course, students will be able to use their Quantitative problems for competitive tests.

Duration: The contact hours for the course will be 30 hours equivalent to 40 lectures. Each lecture will be of 45 minutes.

Certification: Course will be followed by an exam. Students will be awarded with a certificate upon satisfactory performance in the exam.

Course Fee: 2000/-

Course Content: Number, H. C. F. & L. C. M. of numbers, Decimal Fractions, Simplification, Square Root and Cube root, Average, Problems on Numbers, Problems on Ages, Surds and Indices, Percentage, Profit & Loss, Ratio & Proportion, Partnership, Chain Rule.

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