Courses offered (open to all):

1. Certificate Course on Quantitative Aptitude

About the Course:

An aptitude is a component of competence to do a certain kind of work at a certain level. Quantitative Aptitude assesses a student's arithmetic precision, conceptual mathematical ability and rational thinking applicability.

Course Objective:

The sole objective of imparting this course is to develop students' mathematical skills and analytical ability which helps them to demonstrate various principles involved in solving mathematical problems and thereby reducing the time taken for performing job functions.

Course Outcomes:

After completing this course, students will be able to develop

1. **Thinking ability**:
Thinking abilities include conceptualising estimating, assessing memory retention and thought structure. Critical thinking abilities enable us to comprehend and evaluate a situation based on all relevant facts and information.

Problem Solving:

Problem solving abilities enable us to handle problem swiftly and efficiently. Individuals with these abilities are more self- reliant, which is one of the essential characteristics that companies look for in job applicants.

Quick Decision Making:

Our capacity to make decisions defines our life. Quantitative Aptitude helps us to make quick decision because of the time constraint and objectivity of solutions. Making sound decision quickly is an essential talent in any organization.

Attention to Detail:

Attention to detail is the capacity to effectively and precisely organise our cognitive talents to focus on a given activity or set of tasks. It entails analysing things with a special eye, reducing distractions and understanding how to concentrate on what is crucial and vital.

Course Duration:

The course will be in 3 levels of 30 (Thirty) hours duration. The course will be taught in hybrid mode.

Course Curriculum:

Level 1.		
Unit I	Number System	2 Period
Unit II	Simplifications	2 Period
Unit III	LCM & HCF	2 Periods
Unit IV	Average	2 Periods
Unit V	Percentage	2 Periods
Unit V	Permutation &Combination	3 Periods

Level 2.		
Unit I	Set Theory	1 Periods
Unit II	Surds & Indices	2 Periods
Unit III	Logarithm	2 Periods
Unit IV	Linear Equation & Quadratic Equation	2 Periods

Level 3.		
Unit I	Ratio, Proportion & Mixture	2 Periods
Unit II	Time & Work	1 Period
Unit III	Profit , Loss & Discount	2 Periods
Unit IV	Mensuration	3 Periods
Unit V	Probability	2 Periods