Kaveri College of Arts, Science and Commerce, Pune

B.Sc. (Computer Science)

Mathematics and Statistics Department

Name of the Course: **Value added course: Mathematical Aptitude: Basic Concepts**

Eligibility: F.Y. BSc. (Computer Science)

Duration: 3 36 hours.

Fees: Will be announced before starting the course.

Number of students: 60-80 students (in a batch)

Objectives of the Course:

1. How to increase logical reasoning.

2. How to improve numerical ability

3. How to increase readiness or quickness in learning.

4. Improve speed of calculation and accuracy of the solution.
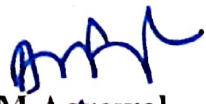
Syllabus:
Basic mathematical operations and its tricks, DMAS rule, square, square root, cube, cube root, Short tricks of finding squares of 2 and 3 digit number, Coding, decoding, tricks to find no. Of triangles and squares in given diagram, HCF, LCM, set, Venn diagram, verbal reasoning of Venn diagram, syllogism.

Course Outcomes:

1. Students come to know different aptitude formulas.

2. Understand time management.

3. Students come to know important formulas and short cut tricks for solving the problems.

Dr. Jayashri Bangali
Course Coordinator

KCASC

Dr. A.M. Agrawal
Principal