



**K.L.E. Society's
BASAVAPRABHU KORE ARTS, SCIENCE AND COMMERCE
COLLEGE, CHIKODI – 591 201.**

(Accredited at 'A' with 3.26 CGPA in 3rd Cycle of A & A)

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DEPARTMENT OF MATHEMATICS

PROGRAMME OUTCOMES

After completion of the programme, the students will use their mathematical skills to pursue:

- PO₁ A career that uses mathematics in business, industry or government.
- PO₂ Teaching mathematics as the secondary level.
- PO₃ Create and verify their own ideas rather than simply using provided formulas, and theorems in multiple courses through the mathematics curriculum.
- PO₄ Prove theorems using the language of mathematics in theoretical and present both orally in writing.
- PO₅ Construct clear and well supported arguments to explain mathematical problems, topics and ideas in writing.
- PO₆ Give clear and well organized presentations about mathematical topics that communicate mathematical arguments.
- PO₇ Apply mathematical or computational technique to areas outside of mathematics.
- PO₈ Extract mathematically relevant information from data, test hypothesis and assumptions and formulate logical conclusions using mathematical analysis.
- PO₉ Students will have experience working with broad range of mathematical ideas and complementary points of view in the topics (continuous and discrete), techniques (algebraic and geometric) and approaches (theoretical and applied) to mathematics.
- PO₁₀ Develop a mastery of mathematics at a level that will allow them to be successful in a field requiring mathematical reasoning.