



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

(Accredited at 'A' with 3.26 CGPA in 3<sup>rd</sup> 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:

- PO<sub>1</sub> A career that uses mathematics in business, industry or government.
- PO<sub>2</sub> Teaching mathematics as the secondary level.
- PO<sub>3</sub> Create and verify their own ideas rather than simply using provided formulas, and theorems in multiple courses through the mathematics curriculum.
- PO<sub>4</sub> Prove theorems using the language of mathematics in theoretical and present both orally in writing.
- PO<sub>5</sub> Construct clear and well supported arguments to explain mathematical problems, topics and ideas in writing.
- PO<sub>6</sub> Give clear and well organized presentations about mathematical topics that communicate mathematical arguments.
- PO<sub>7</sub> Apply mathematical or computational technique to areas outside of mathematics.
- PO<sub>8</sub> Extract mathematically relevant information from data, test hypothesis and assumptions and formulate logical conclusions using mathematical analysis.
- PO<sub>9</sub> 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.
- PO<sub>10</sub> Develop a mastery of mathematics at a level that will allow them to be successful in a field requiring mathematical reasoning.