



**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)

Website: [www.klesbkcollegechikodi.edu.in](http://www.klesbkcollegechikodi.edu.in)

e-mail: [kles\\_bkcc@rediffmail.com](mailto:kles_bkcc@rediffmail.com)

Ph: 08338 – 272176

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**DEPARTMENT OF MATHEMATICS**

**OBJECTIVES OF THE DEPARTMENT**

The objectives of teaching and learning mathematics are to encourage and enable students to:

- Recognize that mathematics permeates the world around us.
- Enjoy mathematics and develop patience and persistence when solving problems.
- Understand and be able to use the language symbols and notation of mathematics.
- Develop mathematical curiosity and use inductive and deductive reasoning when solving problems.
- Become confident in using mathematics to analyze and solve problems both in college and real life situations.
- Develop the knowledge, skills and attitudes necessary to pursue further studies in Mathematics.
- Develop abstract, logical and critical thinking and the ability to reflect critically upon their work and work of others.
- Develop a critical appreciation of the use of information and communication technology in Mathematics.
- Appreciate the usefulness, power and beauty of Mathematics.