



**ST AGNES COLLEGE (AUTONOMOUS)**

Mangaluru - 575002

Re-accredited by NAAC with A+ Grade, CGPA 3.65/4 (Cycle 4)

College of Excellence by UGC, New Delhi

Star College Status by DBT, MST, Govt. of India

## DEPARTMENT OF MATHEMATICS

**2022-2023**

### Value Added Course: Basic Mathematics

**Duration: 30 Hours**

**Resource Person**  
**Sr. Linet DSouza AC**

**ASSISTANT PROFESSOR OF MATHEMATICS**

### COURSE OUTCOMES:

**On completion of the course, the students:**

- **Recalls basic knowledge of Mathematics.**
- **Develops confidence to learn more concepts in Mathematics**
- **Acquires the basic knowledge about matrix algebra, calculus and trigonometry.**
- **Develops interest to learn Mathematics.**

## Syllabus/Course content:

- Matrix Algebra
- Calculus
- Trigonometry
- Applications to Commerce and Economics

## Criteria for Evaluation and Marks Distribution:

- Practice test after Matrix Algebra, Differentiation and Integration
- Final test of one hour duration for a maximum of 25 marks

## Grading Pattern:

40 marks and above: A

Marks below 30 and 39: B

Marks below 30: C

Marks below 20: D