



Deccan Education Society's
Fergusson College
 (Empowered Autonomous Status)
 Affiliated to Savitribai Phule Pune University

B.Sc. / B.A. MATHEMATICS



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UNLOCK LIMITLESS POSSIBILITIES
WITH DEGREE IN MATHEMATICS

Why choose B.Sc./B.A. Mathematics?



Develop powerful problem-solving and analytical skills applicable everywhere



Unlock a diverse range of career paths in a high-demand world



Sharpen your logical thinking and learn to construct rigorous arguments



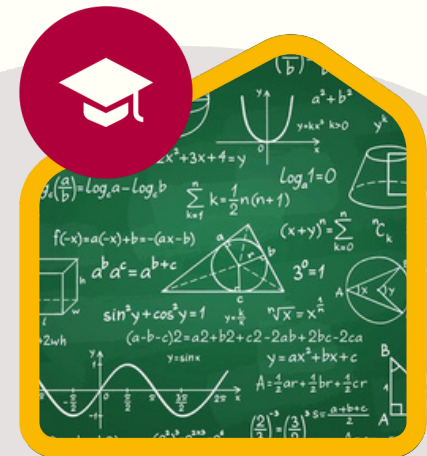
Become equipped to analyze complex systems and extract meaningful insights

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

MATHEMATICS

Program Highlights

- 3-year, 6-semester full-time course based on NEP-2020
- Emphasis on real-world applications, project-based learning, and research-driven education.
- Encourages computational techniques and programming in mathematics
- Placement assistance and skill enhancement programs



Shape Your Future with Mathematics

Course Structure



SEMESTER 1 :-

Algebra

SEMESTER 3 :-

Linear Algebra
Calculus of several
Variables

SEMESTER 5 :-

Real Analysis
Group Theory
Metric Spaces
Number Theory
Operation Research
Python, AI & ML
Dynamical System

SEMESTER 2 :-

Calculus

SEMESTER 4 :-

Vector Calculus
Ordinary Differential
Equations
MS excel

SEMESTER 6 :-

Complex Analysis
Ring Theory
Differential Geometry
Optimization Techniques
Graph Theory
Python, AI & ML
Financial Mathematics

Career Opportunities

- Mathematician
- Actuary
- Operations Research Analyst
- Investment Banker
- Software Developer/Programmer

Industries Hiring:

Veritas, Ubisoft, Siemens, Cummins, Sungard and more

Placements & Skill Development

- Career Counseling and Guidance Sessions
- Technical Interviews
- Quantitative Aptitude Practice
- Encourages linkages with emerging fields like AI, machine learning
- Soft skills & communication enhancement programs

Register Now

