



# ST. TERESA'S COLLEGE (AUTONOMOUS), ERNAKULAM

Affiliated to Mahatma Gandhi University, Kottayam  
Re-Accredited by NAAC with A++ Grade in Fourth Cycle  
NIRF Ranking 60 (2025) | KIRF Ranking 2 (2025) | www.teresas.ac.in

**60<sup>th</sup>** RANK IN  
NIRF RANKING 2025



## DEPARTMENT OF MATHEMATICS AND STATISTICS ( SF ) *Centre for Research in Mathematics - Approved by Mahatma Gandhi University*

### M.Sc. MATHEMATICS



**ADMISSION OPEN**

**2026 - 27**

#### SPECIALIZATIONS

Machine Learning

Artificial Intelligence

Cryptography

Graph Theory & Network Science

Optimization & Operations Research

#### UNIQUE INITIATIVES

Incubation Unit of Math Entrepreneurs.

Teresian Statistical Consultancy Services.

Teresian Math@online – e-tutoring platform for school students.

Lalitham Ganitham Project for popularisation of Mathematics

Limit Breakers - Rev. Sr. Christabelle Memorial Annual Maths Championship for school students

#### PROGRAMME HIGHLIGHTS

- Cutting-edge Curriculum aligned with global academic and industry standards
- Mentorship from Expert Faculty with research exposure and publications
- Industry-Academia Linkages with live projects & internships
- Interdisciplinary Exposure through electives
- Hands-on Learning using Python, MATLAB & other tools
- THRIVE - Intensive Coaching for NET/SET/GATE Exams
- Expert Lecture Series from academia and industry leaders
- Extensive Library Facilities with access to e-resources and research journals
- Publication-Oriented Student Projects to promote academic writing and publishing

#### CAREER PROSPECTS

- Research Scientist.
- Mathematical Modeler
- Quantitative Researcher.
- Operations Research Consultant.
- Algorithm Engineer.
- Software Developer.
- Financial Analyst
- Actuary/Actuarial Analyst.
- Teacher/Lecturer
- Educational Content Developer
- Deep Learning Engineer
- Management Consultant.
- Machine Learning Specialist Cryptographer

**For management admissions, contact : +91 62824 02318**