



ST. TERESA'S COLLEGE (AUTONOMOUS), ERNAKULAM

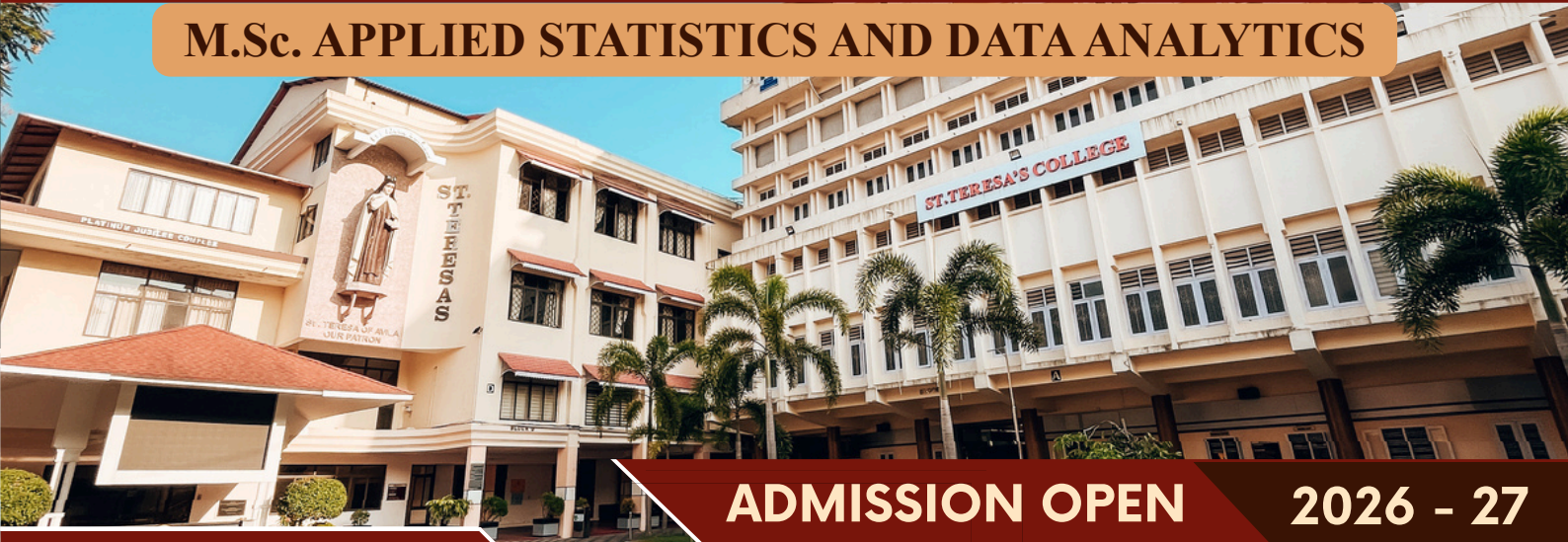
Affiliated to Mahatma Gandhi University, Kottayam
Re-Accredited by NAAC with A++ Grade in Fourth Cycle
NIRF Ranking 60 (2025) | KIRF Ranking 2 (2025) | www.teresas.ac.in

60th RANK IN
NIRF RANKING 2025



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

M.Sc. APPLIED STATISTICS AND DATA ANALYTICS



ADMISSION OPEN

2026 - 27

SPECIALIZATIONS

Machine Learning

Big Data Analytics & Artificial Intelligence

Timeseries Analysis & Forecasting

Multivariate Analysis

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
- Curriculum enriched with hands-on sessions in SAS, Python, R, SPSS and Power BI
- Mentorship from Expert Faculty with research exposure and publications
- Industry-Academia Linkages with live projects & internships
- Research paper presentation and publication as part of student project
- 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

ADVANCED LEARNING PATHWAYS

- Statistics(Pure and Applied)
- Data Science and Analysis
- Actuarial Science
- Survival Analysis
- Clinical Trials
- Remote sensing and GIS
- Bioinformatics
- Machine learning

CAREER PROSPECTS

- Data Scientist
- Bio Statistician
- Actuary
- GIS Specialist
- Risk Analyst
- Statistical Investigator (Govt. Agencies)
- Market Research Analyst
- Research Scientist: Agri Statistics



\stcmathematics



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For Management Admissions,
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