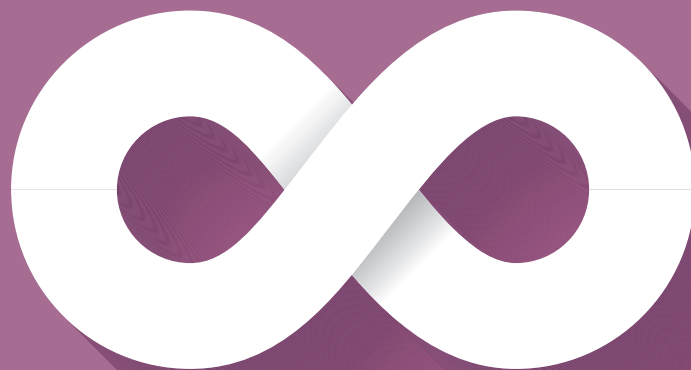


DEPARTMENT OF  
*mathematics*



MALABAR  
CHRISTIAN  
COLLEGE

Calicut 673 001, Kerala



Mathematics was one of the subjects in Pre University level when the college was started in 1909. The undergraduate programme in Mathematics was started in July 1956 and upgraded to postgraduate status in 2013. It is one of the most prestigious departments in terms of acclaimed faculty and academic achievements. The Department has produced rank holders at the undergraduate level and postgraduate level. The eminent and strong alumni and their active presence is the catalyst which drives the department towards excellence. Many students from the department have been placed in reputed firms. A good number of students secure admission for higher studies in top ranked institutions every year. The programmes of the department enable the students to be systematic and regular and this helps them to be disciplined in every sphere of life.



## PROGRAMMES OFFERED

### UG: B.Sc. MATHEMATICS HONOURS WITH SPECIALISATION (Data Science)- Aided

Eligibility: Candidates who have passed (Eligible for Higher Studies) the HSE of the Kerala State Board of Higher Secondary Examination or any other examination recognized as equivalent there to with Mathematics group only are eligible for admission to B.Sc Mathematics.

**Duration** (semester): 4 years

**Student intake:** 55

### PG: MSc Mathematics- Aided

Eligibility: B.Sc. Degree in Mathematics or an equivalent degree from a recognized university with at least 50% marks or equivalent grade in Core and at least 50% marks or equivalent grade in Part III (Core and Complementary put together) . OBC/OEC candidates are eligible to relaxation up to 5%. SC/ST candidates need only to get a pass.

**Duration** (semester): 2 years

**Student intake:** 30

### Certificate / Add-on Courses:

LaTeX – Typesetting, Duration: 30 Hours

PROGRAMME INTAKE

UG Intake: 55

PG Intake: 30

### MINOR GROUPS OFFERED

- Foundations for Mathematical Applications
- Integrated Mathematical Methods

### MULTI DISCIPLINARY COURSES

- Mathematics for Competitive Examinations – Part I
- Mathematics for Competitive Examinations – Part II

### SKILL ENHANCEMENT COURSES

- Mathematical Type Setting System – LATEX
- Scientific Principles & Practice



## DEPARTMENT HIGHLIGHTS

- 1. We offer free CSIR-NET (June) coaching for MSc Mathematics and MSc Statistics students during the April–May vacation, conducted by our alumni who have qualified for the CSIR-NET.
- 2. We offer an internship program in collaboration with ESN Publications for BSc and MSc Mathematics students during the April–May vacation:  
PROOF2PUBLISH INTERNSHIP

“Turn Your Ideas into Published Research”

What You Will Learn

- \* Research paper writing (from basics)
- \* Structuring & formatting academic papers
- \* LaTeX typesetting training
- \* Journal publication process
- \* Hands-on guidance & mentorship

All participants will get the chance to publish their work

- 3. The Third Hump Day Lecture Series, organized by the Department of Mathematics at Malabar Christian College, is an academic initiative aimed at fostering mathematical curiosity and engagement among students and faculty. Conducted as part of a continuing lecture series, the program features invited talks by experts, covering diverse and contemporary topics in mathematics.

This series provides a platform for participants to gain deeper insights beyond the regular curriculum, interact with resource persons, and explore current trends in mathematical research and applications. It also encourages academic collaboration and inspires students to pursue higher studies and research in mathematics.

- 4 .Muthu’s Maths Clinic is an academic support initiative organized by the Department of Mathematics to assist students in improving their understanding of mathematical concepts. The program aims to provide personalized guidance, clear doubts, and strengthen problem-solving skills among participants. The clinic was conducted with the active involvement of faculty members and student volunteers, creating an interactive and supportive learning environment. Students from various classes attended the sessions and benefited from one-to-one mentoring, focused discussions, and practice exercises. The initiative helped reduce students’ anxiety towards mathematics and encouraged a positive attitude toward the subject

- 5. A Case Study Program was conducted by the students of II & III Year BSc Mathematics and I year MSc Mathematics as part of their academic activity. The program aimed to develop analytical thinking, problem-solving skills, and the practical application of mathematical concepts. The initiative was successful in promoting active learning and deeper understanding of mathematics beyond the classroom.
- The first-year BSc Mathematics students organized a Maths Game Room and Exhibition as part of their academic enrichment activities. The program aimed to make mathematics engaging and enjoyable through interactive games, puzzles, and creative exhibits.

## ACHIEVEMENTS

Students of the Department of Mathematics have successfully progressed to a wide range of career paths. Many have qualified for competitive examinations such as UPSC, SSC, banking and PSC while others have secured positions in the teaching sector and as scientific assistants in various institutions.

In addition, several students have moved into statistics-related courses and careers, expanding their expertise into data analysis and allied fields. These achievements reflect the department’s strong academic foundation, skill-oriented training, and effective guidance in preparing students for diverse career opportunities.



## CONTACT

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