



St Thomas College, Kozhencherry

Established in 1953 | Reaccredited by NAAC with Grade A | ISO 9001:2015 Certified | ISO 21001:2018 Certified

Affiliated to Mahatma Gandhi University, Kottayam

www.stthomascollege.info

Kozhencherry P.O., Kerala State, Pincode: 689641 Phone: +91-9497445575, 0468-2214566

Faculty Profile

Dr Job Mathai

Assistant Professor

Department of Mathematics

Mobile No. +91 9526220868

✉ jobmathai@stthomascollege.info



Personal Details

Date of Birth	16.10.1993
Nationality	Indian
Marital Status	Single
Permanent Address	Thunduvila vedu, Naduvilakkara, Alummoodu P O, 691577, Kollam, Kerala, India.

Higher Education

2017 – 2020	P.hD Mathematics , Indian Institute of Space Science and Technology, Thiruvananthapuram, Kerala.
2016 – 2017	M.Phil Mathematics , Cochin University of Science and Technology, Kerala.
2014 – 2016	M.Sc Mathematics , Cochin University of Science and Technology, Kerala.
2011 – 2014	B.Sc Mathematics , Fatima Mata National College, Kollam, kerala.

Professional Position

11 March 2020 to present	Assistant Professor, Department of Mathematics, St Thomas College, Kozhencherry
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Teaching Experience

2020– 2023	Undergraduate students
2020 – 2023	Postgraduate students

Courses Taught

M.Sc	Functional Analysis
	Spectral Theory
	Abstract Algebra

Courses Taught (continued)

- B.Sc
- Foundations of Mathematics
 - Integral Calculus and Differential Equations
 - Abstract Algebra
 - Graph Theory and Metric Spaces

Professional Service Rendered

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| AY 2022-'23 | Coordinator, AISHEI. |
| AY 2021-'22 | Committee Member, Debating Club. |
| | Coconvenor, HR and Orientation Cell. |
| | Committee Member, Unnath Bharath Abhiyan. |
| 20 September 2020 till date | Member, Committee for NIRF. |
| AY 2020-'21 | Committee Member, Sports Committee. |
| 03 August 2020 till date | Committee Member, Tutorial and Mentoring Cell. |
| | Additional Examiner, M.Sc and B.Sc. Degree Examinations held under Mahatma Gandhi University, Kottayam |

Other Important Responsibilities/Positions Held

- Participated in the preparation of Multiple Choice Questions(MCQ) for private registration Postgraduate programmes of Mahatma Gandhi University, Kottayam.(During 2022-2023)
- Participated in the Question Bank Upgradation Initiative of Mahatma Gandhi University, Kottayam and Contributed to the Question Bank of IVth Semester PG CSS Mathematics Core Course. (During 2021-2022)

Awards and Achievements

- December 2022 PhD in Mathematics from Indian Institute of Space Science and Technology.
- April 2014 Third Rank, B.Sc. Mathematics, University of Kerala.

Research Experience

- Senior Research Fellow**, Indian Institute of Space Science and Technology Thiruvananthapuram. (August 2019 - March 2020)
- Junior Research Fellow**, Indian Institute of Space Science and Technology Thiruvananthapuram. (July 2017 - August 2019)
Guide: Prof Sabu N, Department of mathematics, Indian Institute of Space Science and Technology, Thiruvananthapuram.
Area of Research: Mathematical Elasticity

Areas of Specialization and Interest

- Functional Analysis
- Partial Differential Equations

Areas of Specialization and Interest (continued)

- Abstract Algebra
- Real Analysis

Research Publications

- Lower Dimensional Approximation of Eigenvalue Problem for Piezoelectric Shells with Nonuniform Thickness.** Job Mathai and N. Sabu. Indian J. Math, 63, 2021, No. 1, 2021, 1-33. ISSN 0019-5324
- Asymptotic Analysis of Dynamic Problem for Shallow Shells with Variable Thickness .** Job Mathai and N. Sabu. Indian J. Math, 61, 2019, no. 1, 9-25. ISSN 0019-5324

Skills

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| Languages known | English, Malayalam. |
| Coding | Python, C, \LaTeX |