



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

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Faculty Profile

Mr Thomas Mathew

Assistant Professor

Department of Mathematics

Mobile No. 9947384502

✉ thomasmathew@stthomascollege.info



Personal Details

Date of Birth	10.01.1983
Nationality	Indian
Marital Status	Married
Permanent Address	Thengumcheril House, Uthimoodu P O, Pathanamthitta, Kerala, India.

Higher Education

2003 – 2005	M.Sc Mathematics , Cochin University .
2000 – 2003	B.Sc Mathematics , Catholicate College, Pathanamthitta.

Professional Position

01 September 2005 to 31 October 2006	Guest Lecturer, Department of Mathematics, V N S College, Konny
01 November 2006 to 25 June 2007	KPO, Growing Stars Infotech, Vennala, Kochi
01 July 2007 to 15 June 2011	Assistant Professor, Rajagiri School of Engineering and Technology, Kakkanad, Kochi
25 June 2011 to 31 May 2012	Guest Lecturer (FDP), Department of Mathematics, Mar Thoma College, Thiruvalla
01 June 2012 to 30th November 2012	Assistant Professor, Department of Mathematics, Amal Jyothi College of Engineering, Kanjirapally
03 December 2012 to present	Assistant Professor, Department of Mathematics, St Thomas College, Kozhencherry

Teaching Experience

2007 – 2012	Undergraduate Engineering students
	Postgraduate Engineering students
2012 – 2023	Undergraduate Mathematics, Physics, Chemistry Students

Teaching Experience (continued)

Postgraduate Mathematics Students

Courses Taught

M.Sc	Linear Algebra
	Abstract Algebra
	Advanced Abstract Algebra
	Complex Analysis
	Advanced Complex Analysis
	Multivariable Calculus and Integral Transforms
B.Sc	Partial Differentiation, Matrices, Trigonometry and Numerical Methods
	Calculus
	Applicable Mathematics (Open Course)
	Graph Theory and Metric Spaces
	Vector Calculus, Laplace Transforms, and Theory of Equations
	Mathematical Analysis
	Real Analysis
	Linear Algebra
	Abstract Algebra
B.Tech	Matrices and Multiple Integrals
	Fuzzy Sets, Fuzzy Logic and Applications
	Differential Equations and Applications
	Fourier Transforms, Z-Transforms, Laplace Transforms and Fourier Series
	Probability, Testing, and Hypothesis
	Integral Equations and Applications
	Logic and Discrete Mathematics
M.Tech	ODE, PDE, and Its Applications
	Applications of Linear Algebra in Engineering

Professional Service Rendered

AY 2015-16	Convener, Brains Trust
AY 2015-16 and 2016-17	Secretary, College Cooperative Store
February 2017 to June 2020	Elected College Staff Council Member
AY 2016-'17 to AY 2017-18	Member of Mahatma Gandhi University Exam Invigilation Vigilance Squad
AY 2017-18	Coordinator, Eco Club
AY 2018-19 and 2019-20	Returning Officer, College Union Election
AY 2019-20, 2020-21	Convener, Young Innovators Programme
AY 2021-22 and 2022-23	Assistant Returning Officer, College Union Election

Professional Service Rendered (continued)

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| AY 2018-'19 till date | ■ Convener,IQAC Criterion 5 - Student Support and Progression |
| AY 2021-22 till date | ■ Convener, Career Guidance and Placement Cell |

Other Important Responsibilities/Positions Held

- Participated in the Question Bank Upgradation Initiative of Mahatma Gandhi University, Kottayam and Contributed to the Question Bank of IVth Semester UG CBCS Mathematics Core Course. (During 2018-2019)
- Member in the Question Bank Setting team for the III Semester PG Mathematics Examination of Multivariate Calculus December 2019, S H College, Thevara.
- Member in the Question Bank Setting team for the VI Semester UG Mathematics Examination March 2020 , CMS College,kottayam.
- Held charge of the MG University PG CSS Question Bank Setting (MG University Third Semester Private Exams, Oct/Nov 2022).

Social Responsibilities Held

- Presiding Officer, Lok Sabha Election, May 2019
- Presiding Officer, Panchayath Election, December 2020
- Presiding Officer, Assembly Election, April 2021
- Presiding Officer, Assembly Election Election, May 2016
- Presiding Officer, Panchayath Election, November 2015
- Charge Officer, Covid Care Centre,Mylapra Panchayath, June - July 2021

Professional Membership and Activities

- Academic Counsellor in Mathematics, IGNOU (Centre - Catholicate College, Pathanamthitta)

Awards and Achievements

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| February 2013 | ■ 30th Rank, GATE Exam |
| December 2009 | ■ Qualified National Eligibility Test for Lectureship |

Research Experience

- **Research Scholar (Part time)**, Postgraduate and Research Department of Mathematics, S D College, Alappuzha , affiliated to Kerala University Thiruvananthapuram. (from 10th January 2020 onwards)
Guide: Dr Bibin K Jose, Associate Professor, S D College, Alappuzha.
Area of Research: Fractal Geometry and Complex Analysis.
Title: Properties of Attractors of Iterated Function System

Areas of Specialization and Interest

- **Iterated Function Systems in Fractal Geometry**
- **Application of Conformal Mapping Techniques in Complex Analysis**

Areas of Specialization and Interest (continued)

- Linear Algebra and The Geometry of Space-Time
- Real Analysis

Minor Research Project

- Completed Minor Research Project titled **Applications of Conformal Mapping Techniques**, UGC letter No. F. 1901- MRP/ I4-I5/ KLMGo22/ UGC-SWRO dated 04-Feb-15, Project Period 2015-17.

Faculty Development Programmes Attended

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| 4 - 31 January 2017 | ■ Orientation Course in Mathematics, UGC HRDC, University of Kerala. |
| 8 - 28 November 2018 | ■ Refresher Course , UGC HRDC, Kannur University . |

Recent Seminars/ Conferences/ Workshops Attended

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| 13-15 December 2012 | ■ Three Day National Seminar On ' New Perspective in the Mathematical Theory of Computer Science' at SH College, Thevara. |
| 19-20 April 2013 | ■ 'Train the Trainers' Training Programme by ASAP at Model Technical HSS, Kaloor |
| 8-9, April 2013 | ■ Residential Training Programme for Master Trainers of ASAP at IHRD Regional Centre, Trivandrum. |
| 27, October 2014 | ■ One day Workshop for Internal Mentors of WWS, at SN College for Women, Kollam |
| 14, November 2014 | ■ Two day Workshop for Communication Skill Training Programme of FLAIR at Maria Rani Training Centre, Sreekaryam, Thiruvananthapuram. |
| 11, February 2016 | ■ One day Capacity Building Workshop for Coordinator and Internal Mentors of WWS by Colligate Education, Govt. of Kerala at Mar Thoma College, Thiruvalla. |
| 21, May 2016 | ■ Workshop on "Competancy Building in Higher Education: A Critical Encounter" by Higher Edn. Commision of Mar Thoma Syrian Church at AMM Bible Intitute Combady, Thiruvalla. |
| 3 January 2018 | ■ One day workshop on Numerical Analysis with Python, organized by the Post-graduate Department of Mathematics, St Thomas College, Kozhencherry |
| 11 April 2018 | ■ Seminar on Research Methodology, organized by Catholicate College, Pathanamthitta. |
| 14,15 July 2018 | ■ Two Day Workshop on "Reorienting Academic Leadership for Quality Enhancement and Excellence" organised by Malankara Mar Thoma Syrian Higher Edn. Commission at Mar Thoma Camp Centre, Kompady, Thiruvalla. |
| 14,15 December 2018 | ■ International Seminar on ' Topology and Fractals' organised by Dept. of Mathematics, M A College, Kothamangalam. |
| 3 - 4 August 2018 | ■ Two-Day Workshop on Typesetting in LaTeX, organized by Department of Mathematics, St Thomas College, Kozhencherry. |
| 21-22, November 2019 | ■ Two-Day Workshop on Pure and Applied Mathematics, organised by Dept. of Mathematics, Maharajas Collge, Ernakulam. |
| 5-6 Decembe, 2019 | ■ Two-Day Workshop on ' Design for Kerala' conducted by ICT Academy of Kerala at Sreevalsam Residency, Kulanada, Panthalam |
| 31 Januvary, 2020 | ■ National Seminar on Futuristic Approach on Climate Change Organised by Reyno, journal of Interdisciplinary studies and IQAC |

Recent Seminar/Conferences/Workshops Organized

- Coordinator, 21 Days Residential Training Programme by ASAP, On 1-21 June 2013 at St Thomas College, Kozhencherry
- Convener, Workshop on Number Theory and Cryptography Organised by Dept of Mathematics, St Thomas College, Kozhencherry on 15-16 November 2013.
- Coordinator - Induction Programme by Placement Cell and ASAP for DC1 Students on 27-28, October 2022.
- Coordinator, Placement Drive - SBI Life on 21st July 2022.

Invited Talks

- Resource Person, Talk on 'Life and Contribution of Ramanujan', Jawahar Navodaya Vidyalaya, Pathanamthitta on 22 December 2017.
- Quiz Master, Intercollegiate Mathematics Quiz conducted by St Josephs College for Women, Alappuzha on 6th August 2017.
- Resource Person, Workshop for B.Sc Students on Foundations of Mathematics conducted by Dept. of Mathematics, Bishop Moore College, Mavelikara on 30/05/2019.
- Resource Person, Seminar on 'Introduction to Topology', in Christian College, Chengannur on 30th August 2019.
- Resource Person, Webinar on 'Introduction to Sequence of Real Numbers' on 29/6/2021, in Bishop Moore College, Mavelikara.
- Resource Person, JAM/PG Entrance Coaching ' on 18/9/2021, in Bishop Moore College, Mavelikara.

Media Discussions

- Moderator of Debate Competition for College Students organized by Malayala Manorama - Campus - Pathanamthitta Office on the Topic 'Influence of Social Media Among Students' on 3rd January 2017.

Community Service

- In Charge of Extension Activity for Tutoring School Students of Kurangumala Colony near College during Jan - Feb 2015
- Flood Relief Service at Maramon and Melukara, Kozhencherry, 17-20 August 2018
- Charge Officer of Covid Care Centre Mylapra Panchayath, June - July 2021

Skills

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| Languages known | Malayalam, Hindi, English |
| Coding | Latex |