



ST. ALOYSIUS COLLEGE EDATHUA

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Affiliated to Mahatma Gandhi University, Kottayam

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"LET THY DIVINE LIGHT SHINE MIRACULOUSLY"

FACULTY PROFILE

Personal Details

Name	:	Dr. Sobin Thomas
Department	:	Mathematics
Designation	:	Assistant Professor
Educational Qualification	:	M.Sc., M.Phil., Ph. D.
Area of Specialisation	:	Finite Difference methods
Email	:	sobinputhiyaveetil@gmail.com
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Academic Identity

Orcid ID : <https://orcid.org/0000-0003-3230-7018>

Research Parameters

Citations	:	7
h-index	:	2

Education

Sl. No.	Degree	Institution/University	Year of Passing
1	Ph. D. Mathematics	National Institute of Technology, Calicut	2024
2	NET-JRF	UGC	2018
3	GATE	NCB	2017
4	M.Phil. Mathematics	University College Thiruvananthapuram, University of Kerala, Thiruvananthapuram.	2016
5	M.Sc Mathematics	St. Berchmans College, Changanassery, MG University, Kottayam.	2014

6	B.Sc Mathematics	St. Berchmans College, Changanassery, MG University, Kottayam	2012
7	Plus Two	State Board Kerala	2009
8	SSLC	State Board Kerala	2007

Career Profile

Sl. No.	Institution/Organization	Designation	Period
1	Graduate School\ School of Mathematics and Statistics, Mahatma Gandhi University, Kottayam.	Assistant Professor on Contract	30-06-2025 to 16/05/2026
2	St Bechmans College Changanassery	Assistant Professor on Contract	08-07-2024 to 31-03-2025.
3	LBS ITW Poojappura affiliated to KTU	Assistant Professor on Contract	19-09-2016 to 31-01-2017
4	Kuriakose Elias College Mannanam	Guest Lecturer	1-07-2015 to 29-09-2015

Research Publications

Sl. No.	Publication Details
1	Sobin Thomas, Gopika P B, and Suresh Kumar Nadupuri, "Higher order accurate numerical solution of Nagumo equation", AIP Conference Proceedings, 2336, 030002 (2021), pp. 1-8, (Scopus, Conference).
2	Sobin Thomas, Gopika P B, and Suresh Kumar Nadupuri, "Higher order accurate Compact scheme for time dependent linear and nonlinear convection-diffusion equations", Australian Journal of Mathematical Analysis and Applications, Vol.20(2023), No.1, Art.21, pp 1-17 (Scopus).
3	Sobin Thomas and Suresh Kumar Nadupuri, "A new compact numerical scheme for solving time fractional mobile-immobile advection-dispersion model", Malaysian Journal of Mathematical Sciences, 17(3) (2023), pp. 241-262 (Scopus, ESCI).
4	Sobin Thomas and Suresh Kumar Nadupuri, "A Crank-Nicolson type higher order compact exponential scheme for solving variable order time fractional mobile-immobile advection-dispersion model", TWMS Journal of Applied and Engineering Mathematics, Math. V.14, N.4, (2024), pp. 1609-1621 (Scopus, ESCI).
5	Sobin Thomas, S Rama Chandra Karthik and Suresh Kumar Nadupuri, "Some robust numerical schemes and analysis for solving time fractional Nagumo equation", International Journal of Applied and Computational Mathematics, 11:95 (2025), Springer (Scopus).

6	Fathima Hida M P Meethal, Sobin Thomas and Suresh Kumar Nadupuri, “Higher order accurate computational methods for solving one and two dimensional time fractional Fokker-Planck equations ”, Engineering Computations. e-ISSN: 1758-7077p-ISSN: 0264-4401 (2025), SCIE.
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Invited Lectures/Paper Presentations in Conferences

Sl. No.	Conference & Presentation Details
1	‘Higher Order Accurate Numerical Solution of the Nagumo Equation’ at the International Web Conference on Computational Sciences: Modelling, Computing and Soft Computing (CSMCS 2020), organized by National Institute of Technology Calicut in 2020.

Positions Held or Holding, if any

Sl. No.	Position	Period
1	Member of the Question Bank Preparation Committee for the Second and Sixth Semester FYUGP (2024–25) Examinations at St. Berchmans College, Changanassery.	2024 -2025

Seminar/Workshops Organized

Sl. No.	Title of the Seminar/Workshop	Funding Agency	Amount	Date
1	International Seminar on Number Theory (ISNT 2025)	ANRF, CSIR	2,50,000/-	February 5–7, 2025