Post Graduate & Research Department of Mathematics
Mar Ivanios College (Autonomous) Thiruvananthapuram, Kerala

Department of Mathematics, Mar Ivanios College (Autonomous), is an active research centre under the University of Kerala since 2009. At present we have 7 research guides affiliated to this research centre. As on 1st June 2020, twenty (full time and part time) PhD research scholars are working under different research supervisors. We have collaborations with faculty members of the Department of Mathematics at IIT Madras, IIST Trivandrum, University of Kerala, and IISER Trivandrum. The major areas of research in this centre are: Linear Algebra, Functional Analysis, Mathematical Modeling, Differential Transforms, Difference Equations and Graph Theory.

Research Guides:

No.	Name	Name of the Institution
1	Rev. Dr. Gigi Thomas	Mar Ivanios College, Trivandrum
2	Dr. Jill K. Mathew	Mar Ivanios College, Trivandrum
3	Dr. Dilip D. S.	St. Johns College, Anchal
4	Dr. S. Beena	PR-NSS College Mattannoor
5	Dr. Bijo S. Anand	SN College Punalur
6	Dr. Baiju S.	SN College Punalur
7	Dr. Ullas Chandran S. V.	Mahatma Gandhi College, Trivandrum

Research Scholars (Full Time):

No.	Name (YoJ)	Fellowship	Research Area	Research Topic	Supervisor
1	Aswathy S. (2019)	CSIR-JRF	Algebraic Graph Theory	Zero devisor graphs in Lattices	Rev. Dr. Gigi Thomas
2	Dhanya E (2019)	Kerala Uty. Fellowship	Graph Theory	Graph Signal Processing	Rev. Dr. Gigi Thomas
3	Renju R V (2019)	UGC-JRF	Linear Functional Analysis	Linear maps preserving Schur stability	Dr. Jill K. Mathew
4	Indu L (2019)	UGC-JRF	Linear Functional Analysis	Linear maps on Hadamard matrices	Dr. Jill K. Mathew
5	Nithya S (2019)	CSIR-JRF	Linear Functional Analysis	Commuatativity preserving linear maps	Dr. Jill K. Mathew
6	Sabeer Sain R (2018)	Kerala Uty. Fellowship	Algebraic Graph Theory	Transit functions and Graph Convexity	Dr. Bijo S. Anand
7	Archana Rajeev (2019)	Kerala Uty. Fellowship	Algebraic Graph Theory	Graphs of Groups	Dr. S. Beena
8	Elias John	Kerala Uty.	Algebraic Graph	Graph Convexity	Dr. Ullas Chandran S V

	Thomas (2017)	Fellowship	Theory		
9	Seethal S. (2019)	GATE	Algebraic Graph Theory	Steiner Convexity	Dr. Ullas Chandran S V

Research Scholars (Part Time):

No.	Name (YoJ)	Research Area	Research Topic	Supervisor
1	Tiji Thomas (2019)	Mathematical Modeling	Mathematical Modeling and Analysis of Social Contagions	Rev. Dr. Gigi Thomas
2	N S Minikumari (2019)	Linear Algebra	M matrix completion problems	Rev. Dr. Gigi Thomas
3	Rajeswari B (2019)	Linear Algebra	TP and TN matrix completion problems	Dr. Jill K. Mathew
4	Sibi C. Babu (2017)	Numerical Analysis	Difference Equations	Dr. D S Dilip
5	Tony Philip (2017)	Numerical Analysis	Difference Equations	Dr. D S Dilip
6	Smitha Mary Mathew (2017)	Numerical Analysis	Difference Equations	Dr. D S Dilip
7	Sudha George (2017)	Differential Equations	Differential Transform Methods	Dr. D S Dilip
8	Syam Lal S. (2019)	Graph Theory	Graph networks	Dr. Baiju S.
9	Suresh Babu (2019)	Graph Theory	Graph Labelling	Dr. Baiju S
10	Shareena B S (2019)	Graph Theory	Graph Matroids	Dr. S. Beena
11	Ranjini Raveendran P (2019)	Graph Theory	Graph networks in biological domain	Dr. S. Beena

For further details please contact: dept.maths@mic.ac.in

Head of the Department