


FACULTY PROFILE

NAME	RESHMI K M	PHOTO 
DESIGNATION	ASSISTANT PROFESSOR	
QUALIFICATION	MSc, MPhil, NET, BEd	
EMAIL ID	reshmikm@gasckkd.ac.in	
ADDRESS	B3, Jeevan Bima Nagar, Karaparamba, Kozhikode-673010	

POSITIONS HELD IN COLLEGE

Academic Year 2021-22

Member of

- 1) Documentation Committee
- 2) Attendance committee
- 3) Anti-ragging Squad
- 4) Women Cell

Academic Year 2022-23

- 1) Convenor - Timetable Committee
- 2) Member of Women's Cell
- 3) Member of the Tutorial Committee
- 4) Member of attendance Committee

Academic Year 2023-24

- 1) Convenor -Website Committee
- 2) Convenor -Timetable Committee
- 3) Member of the attendance committee
- 4) Member of the NAAC Steering Committee
- 5) Member of the Tutorial committee

TEACHING INTERESTS

Algebra, Graph Theory, Multi-Variable Calculus

RESEARCH AREAS

Topological index of Graphs

JOURNAL PUBLICATIONS

SL.NO.	TITLE	NAME OF JOURNAL / VOL. NO / ISSUE NO / PAGE NOS	ISSN NO	MONTH / YEAR
1.	Reshmi KM "On strength of fuzzy graphs"	GASC Research Journal	2277-4246	Dec 2018
2.	Reshmi KM "Strength of a fuzzy graph as its strength of connectivity"	GASC Research Journal	2277-4246	Dec 2018
3.	Transit index of a graph and its correlation with MON of octane isomers	Advances in Mathematics: Scientific Journal	1857-8438	June 2020

4.	Transit index of various graph classes	<u>Malaya Journal of Matematik</u>	2321 - 5666	April 2020
5.	Transit index by means of graph decomposition	<u>Malaya Journal of Matematik</u>	2321 - 5666	Dec 2020
6.	Transit Index of Subdivision Graphs	<u>Communications in Mathematics and Applications,</u>	0975-8607 (online);	July 2021
7	Transit Isomorphism And Its Study On Octane Isomers	South East Asian Journal of Mathematics and Mathematical Sciences, Vol. 18, No. 3(2022), pp. 255-264	DOI: 10.56827/SEAJ MMA.2022.18 03.21	Dec 2022
8	Transit in Corona product of graphs	<u>Ratio Mathematica</u>	DOI: 10.23755/rm.v3 9i0.860. ISSN: 1592-7415. eISSN: 2282-8214.	Volume 47, 2023

SEMINARS ORGANIZED

SL.NO	NAME OF THE SEMINAR	NAME OF THE ORGANISER & SPONSORING AGENCY	VENUE & DATE	POSITION HELD	LEVEL *
1.	National seminar on Visual Aspects in Modern Mathematics	DCE	Dec 10 th 2012 Govt. College Madappally	Member, Organizing committee	National
2.	National Seminar on Linear Algebra	DCE	16 th Dec 2013 Govt. College Madappally	Coordinator	National
3	National Seminar	DCE	Govt. College Madappally	Member, Organizing committee	National

***state/national/international**

PAPER PRESENTATION AT STATE / NATIONAL/ INTERNATIONAL PROGRAMMES

Sl.No	TITLE OF THE PAPER	NAME OF THE INSTITUTION	NAME OF THE ORGANISER & SPONSORING AGENCY	VENUE & DATE
1.	Transit index of a graph and its correlation with MON of octane isomers	Bishop Chulaparambil Memorial College, Kottayam, INDIA	International Conference on Graph Connections (ICGC 2020) Bishop Chulaparambil Memorial College, Kottayam, INDIA	6-8 Aug 2020 Online
2.	Transit Index of Subdivision Graphs	Rajiv Gandhi University (Central University), Arunachal Pradesh	International Conference on Advances in Mathematics, Science and Technology-2020, Rajiv Gandhi University (Central University), Arunachal Pradesh	1-3 Sept 2020 Online

SEMINARS/CONFERENCES/WORKSHOPS ATTENDED

Sl.No	NAME OF THE PROGRAMME	NAME OF THE ORGANISER & SPONSORING AGENCY	VENUE & DATE	LEVEL *
1.	National Seminar on Kerala Economy focus on Productive Sector	DCE	Govt. College Madappally 07-12-2012	National
2.	National seminar on Visual Aspects in Modern Mathematics	DCE	Govt. College Madappally 10-12-2012	National
3.	National seminar on Analysis and Geometry	DCE	T M Govt. College, Tirur 23,24-01-2013	National
4.	National seminar on Recent Trends in Applied Science with Engineering Applications	TEQIP Phase II	Govt. Engineering College, Kozhikode 27,28,29-06-2013	National
5.	National seminar on Discrete and Fuzzy Mathematics	DCE	Govt. Arts and Science College, Kozhikode, 25,26-11-2013, 2 days	National
6.	Refresher Course for college teachers in Kerala State	KSOM	27Feb-2 Mar 2014, 4 days	State
7.	National seminar on Discrete Mathematics	UGC	University of Calicut 20,21,22-03-2014 3 days	National

8.	National Seminar on Partial Differential Equations	Dept. of Mathematics Calicut UTY	University of Calicut, 4 th March	National
9.	National Seminar on Topology and its application	UGC	University of Calicut 23-25/03/2017	National
10.	National seminar on Recent Trends in Mathematics	DCE	Govt. College Madappally 30,31/10/2018	National
11.	Recent Trends in Domination in Graphs: Algorithms, Complexity and applications	TEQIP-III	NIT Warangal, 8 th to 13 th April 2019	National
12.	International Conference on Graph Connections (ICGC 2020) Bishop Chulaparambil Memorial College, Kottayam, INDIA	Bishop Chulaparambil Memorial College, Kottayam, INDIA	6-8 Aug 2020 Online	International
13.	International Conference on Advances in Mathematics, Science and Technology-2020, Rajiv Gandhi University (Central University), Arunachal Pradesh	Rajiv Gandhi University (Central University), Arunachal Pradesh	1-3 Sept 2020 Online	International
14.	National Seminar on Glimpses on Analysis and Geometry	Department of Mathematics, University of Calicut	21,21 March 2023	National

OTHER PROGRAMMES ATTENDED

SL.NO	NAME OF THE PROGRAMME	NAME OF THE ORGANISER & SPONSORING AGENCY	VENUE & DATE	LEVEL *
1.	Orientation Course	Academic Staff College, University of Calicut UGC	28 days, 03-08-2006 to 30-08-2006 Academic Staff College, University of Calicut UGC	

2.	Refresher Course	Academic Staff College, University of Calicut UGC	21 days, 02-12-2009 to 22-12-09 Academic Staff College, University of Calicut UGC	
3.	FDP-Mathematical methods in Engineering	TEQIP-II	Govt. Engineering College, Kozhikode 11 th to 16 th Feb 2019	
4.	Refresher Course	UGC HRDC, University of Calicut	21 days, 19-07-2018 to 08-08-2018 UGC HRDC, University of Calicut	
5.	Short term course in Research Methodology- Science	UGC-HRDC Kannur university	One week 12-12-2018 to 18-12-2018 UGC-HRDC Kannur university	
6.	Workshop on Prime numbers and Related Areas	Kerala School of Mathematics	5 days, 06-10 th May 2012 Kerala School of Mathematics	