

HEAD OF THE DEPARTMENT

Dr. Rani Rajeevan

DETAILED FACULTY BIODATA		
Sl No	Name	Dr. Rani Rajeevan
1.	Designation	Assistant Professor
2.	Department	Mathematics
3.	Contacts Numbers	9447579754
4.	Email	ranirajeevan@gmail.com
5.	Date of Entry into service	01.11.2012
6.	Educational Qualifications	M.Phil, Ph.D, NET,SET
7.	Areas of Interest/Specialisation	Fuzzy Soft Graph Theory
8.	Courses/subject Taught	M.Sc & B.Sc
9.	Field of Research	Fuzzy Soft Graph Theory
10.	Guideship Details	Nil
11	Experience	9yrs
12.	Memberships in Learned Bodies/Societies, If any	Nil
13.	Scholarship/Fellowships obtained	FDP

14.	Books Published	Nil
15.	Research Projects Undertaken	
16.	Orientation courses Attended	Participated in the UGC sponsored orientation programme conducted by the UGC-HRDC, University of Kerala, Kariavattom, Thiruvananthapuram from 16.01.2019 to 12.02.2019
17.	Refresher Courses Attended	Participated in the UGC Sponsered Refresher course in mathematics conducted by the UGC-HRDC, University of Kerala, Kariavattom, Thiruvananthapuram from 04.08.2015 to 24.08.2015
18.	Seminars/workshops/Trainings organized	
19.	Seminars/Conferences Attended	<ul style="list-style-type: none"> . Participated in the three day National Seminar on “Essentials on LATEX Programming” organized by the Department of Mathematics, All Saints College, Thiruvananthapuram from 21st to 23rd November 2012 . . Participated in the two day Seminar on “Programming Techniques LATEX and Python” organized by the Department of Mathematics, University college, Thiruvananthapuram from 7th to 8th February 2013. . Co ordinator for the two day national seminar on

		<p>“Teaching Analysis” sponsored by the UGC and organized by the Department of Mathematics, Sree Narayana college, Chathannur on 23rd and 24th October 2014</p> <p>. Participated in the three day National Seminar on “Number Theory and Combinatorics” organized by the Department of Mathematics, TKM College of Arts and Science, Kollam from 29th to 31st October 2014</p> <p>. Attended the International Conference on Science, Engineering, Technology and Management (ICSTEM-2017) Organized by the Department of Mathematics, Kuriakose Elias College, Kottayam from 8th to 9th March 2017. . Attended the National Conference on Discrete and Computational Mathematics, organized by the Department of Mathematics, University of Kerala, Kariavattom, from January 11th to 13th 2018 . Attended the second international conference on Science, Engineering, Technology and Social Sciences (ICETS-2018) Organized by the Department of Mathematics, Kuriakose Elias College, Kottayam from (18th to 19th January 2018.</p> <p>. Participated in the NAAC sponsored National seminar on challenges and changes in AQAR and SSR Preparation on 19th and 20th December 2019 at Sree Narayana College for Women, Kollam.</p> <p>. Participated in the National Seminar on Graph Theory and its Applications, Organized by Department of Mathematics, BJM College, Chavara, Kollam on 21st and 22nd January 2020</p> <p>.</p>
20.	<p>Workshops/Trainings/Short term courses/Professional Development Courses Attended</p>	<p>. Participated in the two day Workshop on “Research Methodology “Organized by Kerala University Research Students Union and IQAC, University of Kerala, Thiruvananthapuram from 29th to 30th May 2015</p> <p>. Attended the Capacity Building Residential Workshop for co ordinators of Walk With a Scholar Programme in Govt/Aided colleges on 29.11.2016 to 30.11.2016 held at Loyola Extension Services, Loyola College of Social Sciences, Sreekaiaam, Thiruvananthapuram .</p> <p>. Attended the two day Workshop on Scientific Computing using Python, organized by the Department of Mathematics, University College, Thiruvananthapuram on 13th and 14th</p>

		<p>January 2017.</p> <ul style="list-style-type: none"> . Attended the 5 day national level workshop on Discrete Mathematics ,Sponsored by UGC SAP, as a Delegate,organized by the Department of Mathematics ,University of Kerala ,Kariavattom, from June 5th to 9th 2017. . Participated in the 5 day National level Workshop on Discrete Mathematics ,organized by the Department of Mathematics ,University of Kerala,Kariavattom from June 5th to 9th 2017 . Participated in the Pre-Conference Workshop on Recent Developments in Combinatorics ,organized by the Department of Mathematics ,University of Kerala Kariavattom from January 9th to 10th 2018. . Attended the three day national level Workshop on Discovering the Art of Mathematics Organized by the Dept of Mathematics, University of Kerala,Kariavattom,from December 18th to 20th 2018. . Participated in the one day workshop and Hands on Training on PFMS Organized by IQAC ,Sree Narayana College ,Kollam on 21st august 2019. . Convener of two day workshop on foundations of Functional Analysis (Sponsored by IMRT) on 25th and 26th October 2019 at Sree Narayana College , Chathannur .
<p>21.</p>	<p>Academic Responsibilities Undertaken</p>	<ul style="list-style-type: none"> . 2012-13 .Member in Science Forum .Class Tutor II B.Sc .2013-14 .Member in Science Forum .Class Tutor I M .Sc .Website Co ordinator .2014-15 .Co ordinator Walk With A Scholar . Member in Science Forum .Website Coordinator .Class tutor II M .Sc

		<p>.2015-16</p> <p>.HOD Department of Mathematics</p> <p>.Co ordinator Walk With A Scholar</p> <p>.Council Member</p> <p>.Member in Science Club</p> <p>.Website Coordinator</p> <p>.Member in Women’s study unit</p> <p>.Class Tutor II M. Sc</p> <p>.Member in Computer Lab Committee</p> <p>.2016-17</p> <p>.HOD Department of Mathematics</p> <p>.Council Member</p> <p>.Co ordinator Walk With A Scholar</p> <p>.Member in Science club</p> <p>.Anti Ragging Squard</p> <p>.Member In Women’s Study Unit</p> <p>.Class Tutor II M .Sc</p> <p>.Member in Computer lab committee</p> <p>2017-18 & 2018-19</p> <p>.On FDP</p> <p>2019-20</p> <p>.HOD –Department of Mathematics</p> <p>.Computer lab committee-Convener</p>
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		<p>.IQAC- Member</p> <p>.Planning &Purchase Committee member</p> <p>.RUSA –Coordinator</p> <p>.Class Tutor – I M .Sc</p> <p>2020-21</p> <p>.HOD – Department of Mathematics</p> <p>. IQAC – Member</p> <p>.NAAC – Member</p> <p>.PTA Executive committee- Member</p> <p>.Research committee – Member</p> <p>.Discipline committee – Member</p> <p>.RUSA – Coordinator</p> <p>.PG/UG CLMC Convener</p> <p>.Planning &Purchasing Committee Convenor</p> <p>.Computer Lab Committee- Convenor</p> <p>.Class Tutor- II M .Sc</p>
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List out Publications and Presentations

Publications

2017

(1)T K Mathew varkey and Rani Rajeevan, Equitable Domination in Fuzzy Soft Graphs,

Aryabhata

Journal of Mathematics and Information (Vol.9, Issue 1, Jan-Jun, 2017), ISSN 2394-9309 (E).

(2) T K Mathew varkey and Rani Rajeevan, Perfect vertex Domination in Fuzzy Soft Graph,

Advances in Fuzzy Mathematics, ISSN 0973-533X, Vol. 12, No.4 (2017), PP: 793-799.

(3) T K Mathew varkey and Rani Rajeevan, On Fuzzy Soft Edge Dimination, International Journal

of Pure and Applied Mathematics, Vol. 116, No.3, 2017, PP.683-688, ISSN 1314-3395(Online

version).

(4) T K mathew varkey and Rani Rajeevan, On PFSE domination and PFSE-t domination,

International Journal of Innovative Research, Science, Engineering and Technology, ISSN (Online)

2319-8753, Vol.6, Issue 6, June-2017.

(5) T K Mathew varkey and Rani Rajeevan, SD (WD) and ID in Fuzzy Soft Graphs, American

International Journal of Research in Science, Technology, Engineering and Mathematics,ISSN

(Print): 2328-3491, ISSN (Online) 2328-3580, PP: 39-43 Vol.6, Issue 6, June-2017.

Conference proceedings

(1)A paper entitled “ On fuzzy soft connected, fuzzy soft set and Fuzzy soft point set domination”

included in the Proceedings of the National Conference on Discrete and Computational

Mathematics, organized by the Department of Mathematics, University of Kerala, Kariavattom,

from January 11th to 13th 2018.

(2) A paper entitled “ CR Domination in Fuzzy Soft Graphs” included in the Proceedings of the

InterNational Conference on Novel Trends in Pure and Applied Mathematics, organized by the

Department of Mathematics, University of Kerala, Kariavattom, from January 22nd to 24th 2019.

2018

(6) T K Mathew varkey and Rani Rajeevan, On FSC, FSS and FSPS Domination, International

Journal of Mathematical archive -9(4), ISSN : 2229 - 5046 April 2018, 59-63.

(7) Rani Rajeevan and T K Mathew varkey, Some Connected Domination in Fuzzy Soft Graphs,

International Journal of Mathematical Trends and Technology (IJMTT)- ISSN : 2231 – 5373 Vol.

56, No. 3, April 2018.

(8) Rani Rajeevan and T K Mathew varkey, SFS and SFS-2 Domination, International Journal of

Mathematics And its Applications ISSN :2347-1557, Vol. 6(4)(2018),143-147.

Presentations

(1) “Equitable domination in Fuzzy Soft Graphs” presented in the International Conference On

Science, Engineering, Technology and Management(ICSETM-2017)held at Department of Mathematics, Kuriakose Elias College, Mannanam, Kottayam during 8- 9 March 2017.

(2) “On FSC, FSS and FSPS Domination ” presented in the National Conference on Discrete and

Computational Mathematics held at Department of Mathematics, University of Kerala,
Kariavattom

during 11-13 January 2018.

(3) “Secure domination in Fuzzy Soft Graphs” presented in the National Conference On
Science,

Engineering, Technology and Social Sciences(ICSETS-2018) held at Department of
Mathematics,

Kuriakose Elias College, Mannanam, Kottayam during 18- 19 January 2018.

(4) “ CR Domination in Fuzzy soft Graphs” presented in the National Seminar on Graph
Theory

and Its Applications, Organised by Department of Mathematics, B J M College, Chavara,
Kollam

on 21st and 22nd January 2020.

2012-13

➤ Member in Science Forum

➤ Class Tutor II B.Sc

2013-14

➤ Member in Science Forum

➤ Class Tutor I M.Sc

➤ Website Coordinator

2014-15

➤ Co ordinator Walk With A Scholar

➤ Member in Science Forum

➤ Website Coordinator

➤ Class Tutor II M.Sc

2015-16

➤ HOD – Department of Mathematics

➤ Co ordinator Walk With A Scholar

➤ Council member

➤ Member in Science Club

➤ Website Coordinator

➤ Member in Women's study unit

➤ Class Tutor II M.Sc

➤ Member in Computer lab committee

2016-17

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➤ Member in Science Club

➤ Anti Ragging Squard

➤ Member in Women's study unit

➤ Class Tutor II M.Sc

➤ Member in Computer lab committee

2017-18 &2018-19

➤ On FDP

2019-2020

- HOD – Department of Mathematics
- Computer lab committee- Convenor
- IQAC- Member
- Planning & Purchase Committee _ Member
- RUSA – Coordinator
- Class Tutor – I M.Sc

2020-2021

- HOD – Department of Mathematics
- IQAC – Member
- NAAC – Member
- PTA Executive committee – Member
- Research committee – Member
- Discipline committee – Member
- RUSA – Coordinator
- PG/ UG CLMC Convenor
- Planning & Purchasing committee- Convenor
- Computer Lab committee – Convenor
- Class Tutor – II M.Sc