

FACULTY PROFILE

Name : Dr. Sreena T D
Department : Mathematics
Email : sreenatd1000@yahoo.co.in
Educational qualifications : M.Sc. Mathematics, NET ,Ph.D.
Experience : 12 Years
Area of Interest : Graph Theory
Subjects Handled : Abstract Algebra, Graph Theory, Calculus , Cryptography,
Number Theory, Linear Algebra, Vector Calculus, Operations
Research, Algebraic Topology .
Field of Research : Graph Theory
Ph.D. Produced : Nil
Research Guideship details : Nil
Registered Research Scholar Details : Nil

Papers Published

1. Mathew Varkey T.K. and Sreena T.D., *Fuzzy Evidence Graph*, Advances in Fuzzy Mathematics ,Volume 12, Number 3, 2017,pp.489-498.
2. Mathew Varkey T.K. and Sreena T.D., *Some Properties of Fuzzy Evidence Graph*, international journal on Recent and Innovation Trends in Computing and Communication ,Volume 5, Issue 6,June 2017,pp.97-99.
3. Mathew Varkey T.K. and Sreena T.D., *Fuzzy Digraph Labeling*, Aryabhatta Journal of Mathematics and Informatics Vol.09,Issue-01,(January-June 2017), pp.627-631.
4. Mathew Varkey T.K. and Sreena T.D., *Fuzzification of Some Path Related Graphs*, International Journal of Advanced Research in Engineering and Applied Sciences, Vol. 6 ,No. 10,October 2017, pp.1-7
5. Mathew Varkey T.K. and Sreena T.D., *Fuzzification of Some Cycle Related Graphs*, Aryabhatta Journal of Mathematics and Informatics, Vol.09 Issue 02, (July - December, 2017),pp.199-204 .

6. Mathew Varkey T.K. and Sreena T.D., *Fuzzification of Some Tree Related Graphs*, American International Journal of Research in Science, Technology, Engineering & Mathematics, September- November, 2017,pp. 80-83.
7. Mathew Varkey T.K. and Sreena T.D., *Fuzzification of Some Snake Graphs*, International Journal of Innovative Research in Science, Engineering and Technology, Vol. 6, Issue 9, September 2017,pp.18628-18633.
8. Mathew Varkey T.K. and Sreena T.D., *Fuzzification of Generalized Petersen Graphs*, International Journal of Mathematics Trends and Technology (IJMTT), Volume 54 Number 2- February 2018,pp.133-137.
9. Mathew Varkey T.K. and Sreena T.D., *Fuzzy Linear Labeling*, Asian Journal of Engineering and Applied Technology, Vol.8, No.2, 2019, pp.75-78.
10. Mathew Varkey T.K. and Sreena T.D., *Fuzzy Fractional Prime Product Labeling*, The international Journal of Analytical And Experimental Modal Analysis, Volume XII , Issue 11, February 2020, pp.2233-2240.
11. Mathew Varkey T.K. and Sreena T.D., *Hesitancy Fuzzy Fractional Prime Product Labeling*, Journal of Information and computational science, Vol.10 Issue 2, February 2020, pp.1459-1467.
12. G.Suresh Singh, Mathew Varkey T.K. and Sreena T.D., *Interval Valued Fuzzy Fractional Prime Product Labeling*, Journal of Information and computational science, Vol.10 Issue 3, March 2020, pp.787-793.
13. Sreena T D, A study of Message Encryption Through WhatsApp using Graph Labeling, Global Journal of Engineering and Technology, 2583 - 3359(Online).
14. Sreena T D, *Transfer of Electrons: Introducing A Fresh Perspective on Modeling Uncertainty In Scattering Phenomena Through Fuzzy Graph Labeling*, Shodha International Journal, 2025.

Presentations

1. “*Fuzzy Evidence Graph*”- Inter National Conference on Science, Engineering, Technology and Management (ICSETM 2017) from March 8th to 9th 2017, at Kuriakose Elias College, Mannanam, Kottayam, Kerala.
2. “*Fuzzy Linear Labeling*” - Inter National Conference on Management and Allied Sciences organized by the Department of Commerce, Prajyoti Niketan College, Pudukad on 25th October 2018.
3. “*Fuzzy i^{th} Prime Labeling*”- Inter National Conference on Novel Trends in Pure and Applied Mathematics organized by the Department of Mathematics, University of Kerala, Kariavattom on 23rd January 2019.

Orientation Courses Attended

Orientation Programme Conducted by UGC-HRDC ,University of Calicut from 09-11-2017 to 06-12-2017.

Refresher Courses/Short term Courses Attended

1. Refresher Course in Mathematics Conducted by UGC-HRDC ,University of Kerala from 17-09-2019 to 30-09-2019
2. Two Weeks Faculty Development Programme on "Managing Online classes and Co-creating Moocs" organised by Teaching Learning Centre, Ramanujan College, University of Delhi from 20-04-2020 to 06 -05-2020.
3. Two weeks MOOC Course on “Online Learning and Content Development” from 18-04-2020 to 02-05- 2020 Organised by Flair, Kerala, Directorate of Collegiate Education, Kerala.
4. Faculty Development Programme from 14-09-2020 to 18-09-2020 on LibreOffice Suite organized by St.Peter's College, Kolenchery with course material provided by Spoken Tutorial Project, IIT Bombay.
5. Online non-credit course “Introduction to Programming with MATLAB” authorized by Vanderbilt University and offered through Coursera in May 2020.
6. Faculty Development Programme on Best Practices in Research conducted by the Research Committee of Sree Narayana College, Nattika on 02/11/2020,04/11/2020 & 07/11/2020.

7. NEP 2020 Orientation & Sensitization Programme (MMC-049-2025-APR-B-03289) under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC) Organised by UGC - Malaviya Mission Teacher Training Centre (MMTTC), University of Calicut from 21-04-2025 to 30-04-2025.

Seminars/Workshops Organized

Co-ordinator of National Mathematics Day celebrations 2018 hosted by Department of Mathematics, S N College Nattika sponsored by KSCSTE & DST from 09-08-2018 to 13-08-2018.

Workshops Attended

1. Two day National Workshop on '*Math Computing*' Sponsored by the Directorate of Collegiate Education ,Government of Kerala ,Thiruvananthapuram and organized by the department of Mathematics and Computer Science, Panampilly Memorial Government College, Chalakkudy on 26-10-2018 and 27-10-2018.
2. Workshop for internal mentors of WWS of Department of Collegiate Education, Government of Kerala on 24-11-2018.
3. UGC sponsored National Seminar on '*Recent Developments in Fuzzy Set Theory*' organized by the department of Mathematics and Statistics ,Christ College, Irinjalakkuda on 16-02-2017 and 17-02-2017.
4. UGC sponsored National seminar on '*Number Theory, Discrete Mathematics And Their Applications*' organized by PG department of Mathematics, Sree Narayana College, Nattika on 18-10-2016 and 19-02-2016.

Academic Responsibilities Undertaken

1. Class Tutor
2. WWS Mentor
3. Additional and chief examiner for university valuation.
4. External examiner for B.Sc. and M.Sc. Viva Voce and project evaluation
5. Internal Examinations Committee – Member
6. Remedial Coaching – Department Coordinator
7. Tutorial System- Member

Duties Performed at College

1. Career Guidance and Placement Cell Co-ordinator
2. Anti-Narcotic Cell Co-ordinator
3. Member, PG Forum
4. Member, Remedial Coaching Centre
5. Member, WWS
6. Member, Health& Hygiene Committee
7. Member, Bhoomithra Sena Club
8. Member, PG Forum.
9. NISP – Co-ordinator
10. CBCSS – Co-ordinator

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