



RIYA V.M
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OBJECTIVE:

In pursuit of challenging assignments that would facilitate the maximum utilization and application of my broad skills and expertise in making a positive difference to the organization.

ACADEMICS:

COUR SE	BOARD / UNIVERSITY
Ph.D in Mathematics	Avinashilingam Univeristy
M.Phil in Mathematics	Bharathiyar University, CBE
B.Ed in Mathematics	Calicut University
Msc Mathematics	Calicut University
Pre-Degree	Calicut University
SSLC	State Board

Publications

1. **Riya, V. M., and Jayanthi, D.,** “Intuitionistic fuzzy γ^* generalized closed sets” Advances in fuzzy mathematics, 12(3), 2017, 389 – 410.
2. **Riya, V. M., and Jayanthi, D.,** “Intuitionistic fuzzy γ^* generalizd continuous mappings”, Global journal of pure and applied mathematics, 13(7), 2017, 2859 -2874.
3. **Riya, V. M., and Jayanthi, D.,** “Intuitionistic fuzzy almost γ^* generalized continuous mappings”, Applied mathematical sciences, 11(31), 2017, 1531 -1538.
4. **Riya, V. M., and Jayanthi, D.,** “Intuitionistic fuzzy γ^* generalized closed mappings”, International journal of mathematics trends and technology, 47(5), 2017, 323 -331.
5. **Riya, V. M., and Jayanthi, D.,** “Intuitionistic fuzzy γ^* generalized connectedness”, International journal of mathematics and its applications, 5(4), 2017, 353-359.
6. **Riya, V. M., and Jayanthi, D.,** “Intuitionistic fuzzy γ^* generalized homeomorphisms”, International journal of applied mathematical analysis and applications, 12(2), 2017, 263-272.
7. **Riya, V. M., and Jayanthi, D.,** “Intuitionistic fuzzy contra γ^* generalized open mappings”, International journal of mathematical archieve, 9(1), 2018, 93-99.
8. **Riya, V. M., and Jayanthi, D.,** “Completely γ^* generalized continuous mappings in intuitionistic fuzzy topological spaces”, International journal of pure and applied mathematics, 119(12), 2018, 16059-16067.
9. **Riya, V. M., and Jayanthi, D.,** “Intuitionistic fuzzy almost γ^* generalized closed mappings”, Journal of Tripura mathematical society, 19, 2017, 84-96.
10. **Riya, V. M., and Jayanthi, D.,** “Intuitionistic fuzzy contra γ^* generalized continuous mappings”, Notes on intuitionistic fuzzy sets”, (Submitted).

Papers presented in the conferences

1. **Riya, V. M., and Jayanthi, D.,** Completely γ^* generalized continuous mappings in intuitionistic fuzzy topological spaces, International conference on recent trends in mathematics and information technology, Avinashilingam Institute For Home Science and Higher Education For Women, Coimbatore 1st and 2nd March 2018.
2. **Riya, V. M., and Jayanthi, D.,** Intuitionistic fuzzy contra γ^* generalized open mappings, International conference on intuitionistic fuzzy sets and systems(ICIFSS), Vellalar college for women, 08 – 10 January 2018.

3. **Riya, V. M., and Jayanthi, D.,** \aleph closed sets in Intuitionistic fuzzy topological spaces, National conference on mathematical modelling(NCMM), Avinashilingam Institute For Home Science and Higher Education For Women, Coimbatore 14th July 2017.

Conferences participated

1. National Conference on “Applications of Partial Differential Equations” held in Jan 2007 at Department of Mathematics, Bharathiyar University Coimbatore.
2. UGC Sponsored National Conference on Recent Trends in Fuzzy Mathematics held on 9th and 10th March 2007 at Department of Mathematics, N.G.M College, Pollachi
3. National conference on Graph Theory and automata held during 22-24th March 2007, Department of Mathematics, Govt College Chittur, Kerala.
4. International conference on Mathematics and Computer Science held on 15, 16 and 17 December 2016 , Nirmala College for Women Coimbatore.
5. National level Conference on current scenario in Pure and Applied Mathematics , held in Kungunadu Arts and Science College Coimbatore on 22 & 23 December 2016.
6. Research convention- Scientific strategies for quality research, Avinashilingam Institute For Home Science and Higher Education For Women, Coimbatore on 28th February 2018.
7. Pre and post perspectives of research convention, Avinashilingam Avinashilingam Institute For Home Science and Higher Education For Women, Coimbatore on 4th march 2017.

Refresher Courses and FDP Attended

1. 7 days online **Faculty Development Programme** in Quality Science Education in India in the 21st Century, Guru Angad TLC SGBT Khalsa College, University of Delhi, PMMMNMTT of MoE and Christ College Irinjalakkuda
2. Online **one week FDP** on “Multimedia Tools for Teaching and Learning”, Teaching Learning Centre, Ramanujan College, University of Delhi In Collaboration with Sree Narayana College, Nattika
3. **7 days short run Course** in E-Content Development and Course Design by the MHRD Teaching Learning Centre, University of Calicut, MHRD Teaching Learning Centre, University of Calicut
4. **30 days Faculty Induction Programme**, HRDC , University of Calicut.

5. **Refresher Course** in Applied Mathematics and Statistics offered by the Malaviya Mission Teacher Training Centre, Kannur University

Workshops/Wbinars/Quiz Organised

1. Institute For Home Science and Higher Education For Women, Coimbatore on 21st and 22nd sep. 2017.
2. Math yard 2017, Avinashilingam Institute For Home Science and Higher Education For Women, Coimbatore on 3rd and 4th January 2017.
3. Organized A Webinar” Parampara” 2020 , Department Of Mathematics In Association With Kerala State Higher Education Council And IQAC
4. Power Quiz 2021
5. Constitution Day Quiz 2021
6. KSEB Power Quiz 2022
7. Sports Day Quiz 2022
8. Quiz competition in Connection with Independence Day
9. Inter Collegiate Quiz Competition 2021-22
10. 30 hours Certificate course on Fundamental of Financial Accounting for Various departments 2023-24

Workshops Participated

1. Scholarly communication and quality journal paper writing, Avinashilingam Institute For Home Science and Higher Education For Women, Coimbatore on 28th July 2017.
2. Cyberethics: Social and moral issues, Avinashilingam Institute For Home Science and Higher Education For Women, Coimbatore on 17th February 2018.
11. Intellectual property rights and patenting, Avinashilingam Institute For Home Science and Higher Education For Women, Coimbatore on 20th sep. 2017.

Academic Responsibilities Undertaken

1. Class Tutor
2. Senior Supdt. of University examinations
3. Research and Publication Committee -Member
3. Additional examiner for university valuation.
4. External examiner for B.Sc. and M.Sc. Viva Voce and project evaluation

Duties Performed at College

Quiz Club- Coordinator

Extension Committee -Member

Library Advisory Committee-Member

Science Club-Member

Young Innovators Programme -Member

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