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ASSISTANT PROFESSOR,
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CONTACT DETAILS

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RESIDENTIAL ADDRESS: No: 38/1, Pillaiyar Kovil Street, Kalinjikuppam(post) Villupuram.

Pin code: 607401

QUALIFICATION

- B.Sc., Mathematics (St. Joseph College of Arts & Science (Autonomous), Cuddalore. 2013)
- M.Sc., Mathematics (Krishnasamy College of Science , Arts and Management for Women ,Cuddalore, 2015)
- M.Phil., Mathematics (Krishnasamy College of Science , Arts and Management for Women , Cuddalore, 2017)

TEACHING EXPERIENCE

- Assistant Professor, Theivanai Ammal College for Women (Autonomous), June 2019 to till date.

AREA OF SPECIALIZATION

- Statistics
- Fuzzy Analysis
- Graph theory
- Differential Equation
- Operations Research

PUBLICATIONS

- Anandhi M and Priyadarshini R , Rajeswari R,Sowmiya E,Subhiksha A, “**Sixth and Seventh Higher Order Triangular Graceful Labelling of Graphs**” Vidyabharati International Interdisciplinary Research Journal (Special Issue), ISSN 2319-4979, 2021.
- Anandhi M and Sharmila S, “**A Study On Solving Fuzzy Critical Path Method Using Nonagonal Fuzzy Number**” Utkal Historical Research Journal, Vol.34 (XI), 2021 ISSN: 0976-2132,2021.
- Anandhi M and Sathya M, “**Coloring Of Triple Layered Fuzzy Graph Using Alpha – Cut**” Utkal Historical Research Journal, Vol.34 (XI), 2021 ISSN: 0976-2132, 2021.
- Anandhi M and Aruna S, “**Solving Fuzzy Game 4X4 Using Pascal Triangular Gradedmean Techniques**” Utkal Historical Research Journal, Vol.34 (XI), 2021 ISSN: 0976-2132, 2021.
- Anandhi M and Abarna D “**Algorithm For Encryption And Decryption In C++ Using Planar Graph**” International Journal of Mechanical Engineering ,Vol. 7 No. 4 April, 2022 & ISSN: 0974-5823
- Anandhi M and Keerthiga G, “**Vertex Coloring Of Double Layered Complete Fuzzy Graph Using A- Cut**” International Journal of Mechanical Engineering , Vol. 7 No. 4 April, 2022 & ISSN: 0974-5823
- Anandhi M and Soundarya R, “**Solving Ordinary Differential Equation In Java Program**” International Journal of Mechanical Engineering , Vol. 7 No. 4 April, 2022 & ISSN: 0974-5823
- Anandhi M and Jayaharini S, “**Three-Dimensional Schrodinger Equation And Its Application**” International Journal of Mechanical Engineering , Vol. 7 No. 4 April, 2022 & ISSN: 0974-5823
- Anandhi M and Arthi D “**Octagonal Neutrosophic Number And Their Application In Transportation Problem Environment Using Russell’s Approximation Method**” International Journal of Mechanical Engineering , Vol. 7 No. 4 April, 2022 & ISSN: 0974-5823

SEMINAR

- Participated in the **National level seminar** on “**E-Resources, Research Publications & Plagiarism**” conducted by Krishnasamy College of Engineering & Technology, 2019.
- Participated in the **National level Seminar** on “**Qualitative Analysis of Stochastic Epidemic Models**” Conducted by Govt.Arts. College for Women, Nilakottai, 2020.
- Participated in the **National level Seminar** on “**Graph Theory**” Conducted by

Govt.Arts. College for Women, Chidambaram, 2020.

- Participated in the **International level Seminar** on “**Challenges of Higher Education: E-Learning during COVID - 19**” Conducted by National collegeThiruchirappali, 2020.
- Participated in the **National level Seminar** on “**Mathematical Models in Applied Sciences**” Conducted by PSG College of Technology, Coimbatore, 2020.
- Participated in the **National level Seminar** on “**Mathematics Can Be Fun**”Conducted by Einstein College of Arts & Science, Tirunelveli, 2020.
- Participated in the **National level Seminar** on “**Teaching & Learning College Level Mathematics with ICT Tools**” Conducted by Sri Malolan College of Arts & Science, Chengalpet, 2020.
- Participated in the **International level Seminar** on “**Monte Carlo Simulation with Microsoft Excel & Solver**” Conducted by Keshav Memorial Institute of commerce & Sciences, Hyderabad, 2020.
- Participated in the **National level Seminar** on “**The Space Scientists-Astronomical Timekeeping: A Primer**” Conducted by Jansons Institute of Technology, Coimbatore, 2020.
- Attended Seminar on National Seminar on “**Recent developments in Cryptography**” at Theivanai Ammal College for Women (Autonomous), Villupuram, and 29th January 2021.
- Attended the **NAAC Sponsored one-day Online Seminar** on “**Qualitative & Quantitative Metrics in RAAF of NAAC**” conducted by Rajalakshmi Engineering College (Autonomous), Chennai, 17th September 2021.
- Attended International Seminar on “**The Role of Fourier Analysis in Signal Processing**” at Mangayarkarasi College of Arts & Science for Women, Madurai, and 19th November 2021.
- Participated in the **National Seminar (IPR)** on “ **Intellectual Property Rights “ organized by Intellectual Property Office, India on 20.06.2022.**
- Participated in the **National Seminar** on “**Research Ethics and Identifying Predatory and Cloned Journals in Publications** “ organized by Indian Institute of Management and Commerce, Khairtabad on 25.11.2022.
- Participated in the **International Seminar** Online on “**Inclusion, for Every Child**” organized by International Council for Education, Research and Training(ICERT), India on 25.11.2022.

CONFERENCE

- Participated in the **National Conference on “Recent Trends in Mathematics”** conducted by Krishnasamy College of Science Arts & Management for Women, Cuddalore, 2016.

FACULTY DEVELOPMENT PROGRAMME

- Participated in the **Online Faculty Development Programme on “Emerging Trends in Multidisciplinary Domain”** conducted by Saranathan College of Engineering, Trichy, 2020
- Participated in **Six days National Level Faculty Development Programme on "Enhancing Teaching and Creating an Effective Learning Process in the Contemporary Era"** Conducted by Hindusthan College of Arts and Science, Coimbatore, from 22nd September to 28th September 2021.
- Participated in the **Ten Days International Virtual FDP on “Frontiers of Mathematics”** Conducted by SRM Institute of Science & Technology, Chennai, 19th - 28th July 2021.
- Participated in the **Five Days online FDP on “Emerging Trends of Mathematics in Multi Disciplinary domain ”** Conducted by Saranathan College of Engineering, Trichy, 26th - 30th July 2020
- Participated in the **One Week Faculty Development Programme on “Software tools for Mathematical Education”** Conducted by Bannari Amman Institute of Technology, Sathyamangalam and Providence College for Women, Coonoor, from 30th August 2021 to 05th September 2021.
- Participated in the **One week online FDP on Recent Research Area & its Application in Mathematics** from 10th October 2021 to 15th October 2021.
- Attended **“Professional English Orientation Programme”** at Theivanai Ammal College for Women (Autonomous), Villupuram, 30th November 2021.
- Attended the orientation Programme organized by **Internal Quality Assurance Cell** under the aegis of Bhiwapur Mahavidyalaya on **Professional Ethics and Human Values in Higher Educational Institutions** on 12th February 2022.
- Participated in the **National workshop on IP Awareness/Training Program under National Intellectual Property Awareness Mission** organized by Intellectual Property Office, India on 20.06.2022.
- Participated in the **Virtual International Faculty Development Programme “Frontiers of Mathematics”** organized by SRM Institute of Science and Technology, Ramapuram Campus, Chennai on 19.05.2022 to 02.06.2022.

- Participated in the One Week online **Short Term Faculty Development Programme** on “**Ethics In Academic Research Writing**” organized by AMET Business School & Human Resource Development Center from 30th Jan 2023 to 04th Jan 2023.
- Participated in the **One day online Faculty Development Programme** on “**All You Need To Know About Books & Publishing**” organized by the Internal Quality Assurance Cell & Department of Biochemistry, Annai Veilankanni’s College for Women on February 4, 2023.
- Participated in the **One week online Faculty Development Programme** on “**Recent Trends in Mathematics & its Applications**” organized by AICTE-Skill and personality development center & department of mathematics from 06th Feb 2023 to 11th Feb 2023.

WEBINAR / WORKSHOP

- Participated in the **Webinar** on “**Campus to Corporate**” Conducted by Einstein College of Arts & Science, Tirunelveli, 2020
- Participated in the International **webinar** on “**Emerging Trends in Graph theory**” conducted by Sacred Heart College, Tirupattur, 16th June 2020.
- Participated in the **National level Webinar** on “**New Extorial Functions & its Application in Fractional Calculus**” Conducted by Government Arts College for Women, Salem 24th June 2020.
- Participated in the International **webinar** on “**Recent Trends in Mathematics**” conducted by Government arts college, Udhagamandalam 10th & 11th July 2020.
- Participated in the Live **Webinar** on “**Mathematics can be Fun**” conducted by Einstein College of arts and Science, Thirunelveli 20th July 2020.
- Participated in the **National Level webinar** on “**one day national webinar on graph Theory**” conducted by Government arts college, C.Mutlur, 22th July 2020.
- Participated in the Webinar on “**Mathematical Models in Applied science**” conducted by PSG College of technology, Coimbatore, 21th July 2020.
- Participated in the National Webinar on “Monte Carlo Simulation with Microsoft Excel and Solver” conducted by Keshav Memorial Institute of commerce and science, Hyderabad 22th July 2020.
- Participated in the Live **Webinar** on “**Resolving Sets in Graphs**” conducted by Einstein College of arts and Science, Tirunelveli 27th July 2020.
- Participated in the Webinar on “**TEACHING AND LEARNING COLLEGE LEVEL MATHEMATICS**”

WITH ICT TOOLS” conducted by Sri Malolan College of Arts and Science, Madurantakam 28th July 2020.

- Participated in the **Webinar on "Construction of mathematical modeling in Epidemiology** conducted by Government Arts College for Women, Nillakottai 17th August 2020.
- Attended Four Day National Workshop on **“Creating And Empowering Leader of tomorrow”** at Kannada Sangh pune’s Kaveri College of arts, Science and Commerce, Pune 28th & 29th august and 03rd & 4th September 2020.
- Participated in the **National Webinar on “Modeling and Solving graph coloring problems using GRIN software”** Conducted by, Theivanai Ammal College for Women (Autonomous), Villupuram, 26th May 2021.
- Participated in the **Two Days National Webinar on “Dominations in Graphs”** Conducted by C.Abdul Hakeem College (Autonomous), Melvisharam, 17th & 18th August 2021.
- Participated in the **National Webinar on “Emerging Library Technology Trends”**, Conducted by K.M.G.College of Arts and Science, Gudiyattam, 31th August 2021.
- Participated in **One Week Virtual International Lecture Workshop on "New Advances in Mathematical and Computational Sciences "** (NAMCS-2021) conducted by Yogi Vemana University, Kadapa, from 13th September 2021 to 18th September 2021.
- Participated in the **Webinar on "Entrepreneurship Campus Eco System"** conducted by Dr.M.G.R Educational and Research Institute, Adayalampattu Phase II Campus, Chennai, 18th September 2021.
- Participated in the **National Level webinar on “Mathematical Modeling and Social choice Theory”** conducted by Shri Shankaracharya Technical Campus, Bhilai, 27th September 2021.
- Participated in the International **webinar on “Multiplicative Inverse Functional Equations and their applications”** conducted by St.,Joseph ‘s College of arts and science ,Cuddalore 29th October 2021.
- Attended Workshop on **“Outcome Based Education – Mapping / Attainment”** at Theivanai Ammal College for Women (Autonomous), Villupuram, 24th November 2021.
- Participated in the **Webinar on “National Mathematics Day with an Expert Talk on Srinivasan Ramanujan: The Man who knew Infinity”** Conducted by L.S.Raheja College of Arts & Commerce, Mumbai, 15th December, 2021.

- Participated in the Workshop on Mathematical techniques in fluid dynamics Organized by SRMIST, Ramapuram on 28th Mar 2023.
- Attended an Awareness Program on “**Prevention of Sexual Harassment of Women at Work Place**” organized by the Women’s Grievances & Redressal Cell, SRMIST, Ramapuram, Chennai - 600089 on 30th April 2022.
- Participated in the **National Level webinar on fuzzy mathematics** organized by PG of Mathematics, Gonzaga College of Arts and Science for Women, Krishnagiri District, Tamilnadu on 26 October 2022.
- Participated in the **National Webinar on National Level webinar on " Number Theory & its Applications"** organized by SRM Institute of Science and Technology, Ramapuram Campus, Chennai on 23.12.2022
- Attended an expert talk on “**Rights of a Girl Child in India: Government Schemes**” as part of National Girl Child Day 2023, organized by the Women’s Grievances & Redressal Cell, Faculty of Engineering and Technology, SRMIST, Ramapuram on 24th Jan 2023.
- Participated in the **National Level webinar on National Level webinar on "Research Funding"** organized by Rotary Club of Global Scholars (Club No.: 223041), Rotary International District 2982 on 09th November 2022.
- Participated in the **International webinar on “An Innovative Approach to Fuzzy Sets and Real Life Applications”** organized by SIMATS School of Engineering, Thandalam, Chennai on 30.11.2022
- Participated in the **Two-Day Online National Workshop on “Mathematical Tools – MATLAB & Mathematica”** organized by the Division of Mathematics, School of Advanced Sciences, Vellore Institute of Technology, Chennai on 30th and 31st January 2023.

ORGANIZATION OF EVENTS

- Organized a National Seminar on “**Recent developments in Cryptography**” at Theivanai Ammal College for Women (Autonomous), Villupuram, 29th January 2021.
- Organized a National Conference on “**New Developments in Domination Graphs**” at Theivanai Ammal College for Women (Autonomous), Villupuram, and 16th December 2021.
- Organized a Video conference on “**Complex Analysis and Nevanlinna Theory**” at Theivanai Ammal College for Women (Autonomous), Villupuram, 07th January 2022.
- Organized an International webinar on “**Elliptic Zeta Functions**” at Theivanai Ammal College

for Women (Autonomous), Villupuram on 03. 03. 2022.

- Organized a IPR webinar on “**Accelerators/Incubation-Opportunities for Students and Faculty-Early Stage Entrepreneurs**” at Theivanai Ammal College for Women (Autonomous), Villupuram on 16.09.2022.
- Organized a **Seven Days National online Faculty Development Programme** on “**Research Methodology: Analysis, Tools & Techniques**” at Theivanai Ammal College for Women (Autonomous), Villupuram on 03. 03. 2022.

ACADEMIC ACTIVITIES

- PG Research Supervisor
- Department Exam Committee Member
- Extension Club Coordinator
- Department Time Table Coordinator
- Student Open Forum Coordinator
- Room Allotment Coordinator

OTHER ACTIVITIES

- Completed **Introduction to Computers** Training is offered by the SpokenTutorial Project, IIT Bombay, Funded by National Mission on Education through ICT,MHRD, Govt., of India.
- Completed **Online Certificate Course on Soft skill** is offered by the Pioneer Kumaraswamy College, Nagercoil 27th july to 4th august 2020.
- Completed **Diploma in Computer Application** in Vivekananda Institute, Nellikuppam.
- Participate in the math quiz- Soundarya Institute of Management & Science.
- Participate in the Excel Basic quiz- St.Joseph’s Degree Colloge, Kurnool.
- Participate in the Fantastic mathematics quiz-Sankar Polytechnic College-Tirunelveli.
- Participate in Quiz at Sacred Heart College, Tirupattur.
- Participate in National Quiz at Sacred Heart College, Tirupattur.
- Participate in National E-Quiz at Modern Institute of Technology, Uttarakhand.
- Completed **Online Abacus Faculty Course** conducted by Sri Sai Academy, Salem.
- Participate in E-Quiz at Saradha Gangadharan College, Puducherry.
- Participate in E-Quiz Hindustan Institute of Technology, Coimbatore.