

Name : Ms. R. Anandhi

Designation : Assistant Professor

Department : Mathematics

Qualification : M.Sc., M. Phil., (Ph.D.)

Experience : Teaching: 14.4 Years

Area of Specialization(s) : Topology

Email (Official ID) : anandhir@drngpasc.ac.in



Academic Qualifications

Degree	Branch	Institution / University Name	Year of Graduation
P. hd.,	Mathematics	Avinashilingam University for Women, Coimbatore.	Pursuing
M. Phil.,	Mathematics	Avinashilingam University for Women, Coimbatore.	2009
M. Sc.,	Mathematics	Avinashilingam University for Women, Coimbatore.	2008
B. Sc.,	Mathematics	Dr.S.N.S. Rajalakshmi College of Arts and Science, Coimbatore.	2006

Research Guidance

Programme	No. of Scholars	
	Completed	Pursuing
M. Phil.	2	-

Other Publications: International / National Journals

- S.Manimekalai & R.Anandhi, **Generalized gamma-axioms for Advanced Engineering Applications**, International Journal of Engineering Research and Technology, Vol- 1, Issue -5, pp 1-7 ,July-2012, ISSN/ISBN : 2278-0180, (Google Scholar).

- R.Anandhi, S.Manimekalai , S.Gokilamani & S.Vaishnavidevi, **Advanced Techniques in Fuzzy μ - open sets for Scientific Research**, International Journal of Scientific Engineering and Research, Vol - 4, Issue - 7, July-2013, ISSN/ISBN : 2229-5518, (Google Scholar).
- R.Anandhi, **An Advanced Method for solving Fuzzy Transportation Problem with Robust Ranking technique** , IJSRM ,Vol -2 , Issue - 10 , October -2014, (Google Scholar).
- S.Manimekalai, S.Gokilamani & R.Anandhi, **Friendship Two-Graphing Technology**, International Journal of Scientific Engineering and Research, Vol - 2, Issue - 9, September - 2015, ISSN/ISBN : 2437-3878, (Google Scholar).
- R.Anandhi, **Using Pde Mathematical Model for Airodynamics of Lifting Surfaces in Non-Uniform Motion** , IJSRM ,Vol - 3 , Issue - 12 , December -2015, (Google Scholar).
- R.Anandhi, **An Optimum Solution for Fuzzy Pentagonal Transportation Problem** , IJSRD,Vol - 3, Issue. - 11, January -2016, (Google Scholar).
- R. Anandhi, N. Balamani, **Micro α -generalized closed sets in micro topological spaces, AIP Conference Proceeding**, Vol - 2385, Issue. - 1, page no: 13007-13015, January - 2022 (Scopus).
- R. Anandhi, N. Balamani, **Micro- α -Separation Axioms**, Advances and Applications in Mathematical Sciences, Vol - 21 , Issue. - 4, page no: 1925-1936, Febuary -2022 (WOS).
- R. Anandhi, N. Balamani, **Micro- α - irresoute maps in Micro topological spaces**, Sahand Communications in Mathematical Analysis, Vol - 22 , Issue. - 1, page no: 75-92, January -2025 (Scopus).

Participation in Conference

International:

- **Neoteric Notion in Algebra** , Nandha Arts and Science College, Erode, 21-Sep-16.
- **Third International Conference on Material, Computing and Communication Technologies**, Annai Vailankanni College of Engineering, AVK Nagar, Pottalkulam, 20-Jun-2022.

National:

- **Recent Advances in Theoretical and Computational Methods for Partial Differential Equations**, Dr. N.G.P Arts and Science College, Coimbatore, 6&7-

Jan-17.

- **Recent Advances in Mathematics and its Applications in Science and Engineering**, Dr. N.G.P Institute of Technology, Coimbatore, 3-Feb-17.
- **Essentials of Mathematics for Machine Learning**, Government Arts College, Udthagamandalam, 6-Aug-2021.

Participation in Seminars

- National Level Seminar on **New Horizons in Mathematics**, Rathinam College of Art and Science, Coimbatore, 3&4-Jan-18.
- Two day International webinar on **Fascinating Applications of Mathematics in Various Fields**, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore, 15-Jul-2020 to 16-Jul-2020.
- Webinar on **Enhancing Manuscript with Endnote**, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore in collaboration with Clarivate Analytics, 14-Sep-2020.
- Webinar on **Use of Scopus Research Analytics in Research Workflow**, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore in collaboration with Elsevier held on 25-Sep-2020.
- **Investor awareness program**, Knowledge Bell, 16-Dec-2020.
- National Webinar on **Dynamical Systems and Applications**, Nehru Institute of Engineering and Technology, 27-May-2021.
- Webinar on **Poincare Conjecture**, KPR Institute of Engineering and Technology, Coimbatore, 19-Jun-2021.
- National webinar on **How to Publish Papers in Quality Journals**, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore, 11-Sep-2021.
- Webinar on **Role of Machine Learning Application Today and Tomorrow**, Dr. M. G. R. Educational and Research Institute, Chennai, 12-Nov-2021.
- Webinar on Variations of Domination in Graph Theory, Mohamed Sathak A.J. College of Engineering, Chennai, 16-May-2023
- Two day International Seminar on **Global Research in Graph and Fuzzy Theory**, Shri Shankarlal Shasun Jain College for Women, Chennai, 17-Oct-2023 to 18-Oct-2023.
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Presentation in Seminars

- **Micro Alpha Generalized Closed Sets in Micro topological spaces**, International Conference on Recent Advancements in Mathematics, Sacred Heart College, Tirupattur, 9-

Apr-2021 to 10-Apr-2021.

- **Separation Axioms on Micro Alpha Generalized Closed Sets in Micro topological spaces**, International Conference on Mathematical Modelling, Analysis and Computing, Tiruvallur University, 8-Jul-2021 to 9-Jul-2021.
- **Micro alpha generalized Separation Axioms**, International Conference on Mathematical Modelling and its Soft Computing Analysis, Sanskrithi School of Engineering, Puttaparthi, 29-Nov-2021 to 30-Nov-2021.
- **Micro topological spaces with ML**, National Level Seminar on Bits and Bicks: Building Business in AI and ML Age, PSG College of Arts and Science, Coimbatore. 13-Feb-2025 to 14-Feb-2025

Participation in Workshop

- **R walk-through for Data Analytics**, Dr.N.G.P Arts and Science Coimbatore, 8-Sep-18.
- Three Days National Workshop on **Open Board, Smart Notebook & Microsoft Math**, Dwaraka Doss Goverdhan Doss Vaishnav College, Chennai, 16-Jun-2021.
- Workshop on **Quality Research and UGC-CARE Journals**, Directorate of Research and Development and Internal Quality Assurance Cell, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore, on 18-May-2022.
- **Two day workshop on Recent Advances in Differential Equations**, Division of Mathematics, School of Advances Sciences, Vellore Institute of Technology, Chennai, 8-Apr-2023 to 9-Apr-2023.

Participation in Faculty Development Programme

- **Algebra and Analysis**, PSGR Krishnammal College for Women, Coimbatore, 28-Sep-18 to 29-Sep-18.
- Seven day Faculty Development Programme, Research Methodology and Pedagogy for Tertiary Education, Dr.N.G.P. Arts and Science College, Coimbatore, 15-Jun-2021 to 21-Jun-2021.
- Seven Days National Faculty Development Programme, Research Methodology: Analysis, Tools & Techniques, Theivanai Ammal College for Women (Autonomous), Villupuram, 28-Dec.2022 to 03-Jan-2023.
- Five day Faculty Development Programme, **Outcome Based Education**, Dr.N.G.P. Arts and Science College, Coimbatore, 17-Jun-2023 to 21-Jun-2023.
- Five day Faculty Development Programme, **Empowering Education for innovation** –

A NEP Perspective, Dr.N.G.P. Arts and Science College, Coimbatore, 30-Jun-2023 to 4-Jul-2023.

- Five day Faculty Development Programme, Recent Trends in Mathematics and Technology, School of Science, OP Jindal University, Raigarh, 9-Oct-2023 to 13-Oct-2023.
- Seven day Faculty Development Programme, **e⁴e Enrich and Enpower Math Skills**, M.O.P Vaishnav College for Women, Chennai, 03-Nov-2023 to 09-Nov-2023.
- National Level Transdisciplinary Faculty Development Program, **Mathematics in the Era of AI Adapting to Emerging Trends and Tools**, PSGR Krishnammal College for Women, Coimbatore in association with V.O. Chidambaram College, Thoothukudi and Sri Sarada College for Women, Salem, 17- Feb-2025 to 22-Feb-2025.
- Seven days International Level Faculty Development Program, **Exploring New Frontiers in Pure and Applied Mathematics: unraveling Complexity**, PSGR Krishnammal College for Women, Coimbatore in association with CHIRD, 24- Feb-2025 to 3-Mar-2025.

Online Course

- **Introduction to Computers**, Spoken Tutorial Project, IIT Bombay, **16-Mar-2021**.
- **Basics of Python**, Infosys Springboard, 5-Nov-2022.
- **Network Fundamentals 101**, Infosys Springboard, 3-Mar-2025.

Training Program

- **NEP Orientation and Sensatisation**, Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC) organized by Malaviya Mission Teacher Training Centre, Indira Gandhi National Tribal University, Amarkantak (MP) from 14th February, 2025 to 22nd February, 2025 and obtained grade A.

Membership in Professional Bodies

Name of the Professional Body	Nature of membership	Duration
International Association of Engineering (IAENG)	Life-time	-