

RESUME

Dr.E.KUNGUMARAJ

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e-Mail ID : kungum99522@gmail.com



Objective:

Become a Well-Known Academician through sheer hard work and tactics and to be an asset for the institution.

Personal Data:

Mother Name : E. Jagatheeswari
Father Name : A.T. Eswarasamy
Spouse Name : Dr. K.M. Priya
Children : K. Kunguma
Dhanwanth
K. Pragadeeshwar
Date of Birth : 13.10.1986
Sex : Male
Religion : Hindu
Caste : 24 Manai
Telungu Chettiar
Nationality : Indian

Languages Known:

Tamil and English

Address for Communication:

12/270-28, Aditya Avenue,
Makkinampatti, Pollachi,
Coimbatore - 642003

Blood Group: O⁺Ve

Hobbies:

Reading Books & Novels, Playing
Cricket & Shuttle, etc.,

Areas of Interest:

- Abstract and Linear Algebra,
Analysis, Topology, Operation
Research, and Differential
Equations

References:

Dr. V. Anadavel,

Dean, School of Management, Dhanalakshi
Srinivasan University, Trichy, Tamilnadu.
Cell: 8667387643
e-mail: dranandavel@gmail.com

Dr.R. Santhi,

Associate Professor,
PG and Research Department of
Mathematics, NGM College, Pollachi
Coimbatore, Tamilnadu – 642 001.
Cell: +91 9942820210
e-mail: santhifuzzy@yahoo.co.in

EDUCATIONAL QUALIFICATIONS

Ph.D.:

Discipline : **Mathematics**
University : Bharathiar University, Coimbatore.
Thesis Title : “A Study on Topologized Graphical
Method for Resolving various
Transportation Problems”
Year of passing : 2021
Foreign Examiner Comment: Highly Commendable

M.Sc:

Discipline : **Mathematics**
Institution : C.B.M., College of Arts and Science College
Kovaipudur – 641 042.
University : Bharathiar University, Coimbatore.
Year of passing : 2010
Class : First (7.47 CGPA)

B.Sc:

Discipline : **Mathematics**
Institution : Government Arts and Science College,
Coimbatore – 600 008.
University : Bharathiar University, Coimbatore.
Year of passing : 2007
Class : Second (58.58 %)

HSC

Institution : Government Higher Secondary School,
Kottur – 642 114.
Board : State Board
Year of passing : 2004
Class : First (78.75 %)

SSLC

Institution : Government Higher Secondary School,
Kottur – 642 114.
Board : State Board
Year of passing : 2002
Class : First (85.6 %)

ADDITIONAL QUALIFICATION:

➤ Completed NPTEL Course:

Year	Course	Durations	Institute / Offered by	Result
2011	B. Ed	1 Year	K.M.G College of Education, Affiliated to Tamilnadu Teacher's University, Chennai	79% First Class with distinction
2019	Introduction to Abstract and Linear Algebra	8 weeks	Indian Institute of Technology, Kharagpur	64% (Elite Grade)
2021	Introduction to Abstract Group Theory	8 weeks	Indian Institute of Technology, Madras	61% (Elite Grade)
2023	Applied Linear Algebra in AI and ML	12 weeks	Indian Institute of Technology, Kharagpur	80% (Elite with Silver Grade)
2024	Data Analytics with Python	12 weeks	Indian Institute of Technology, Roorkee	88% (5% Topper among 11220 candidates & Elite with Silver Grade)
2024	Decision Making with Spread Sheet	12 weeks	Indian Institute of Technology, Roorkee	71% (Elite Grade)
2025	Business Intelligence and Analytics	12 weeks	Indian Institute of Technology, Madras	60% (Elite Grade)
2025	Python for Data Science	4 weeks	Indian Institute of Technology, Madras	70% (Elite Grade)
2025	Introduction to Machine Learning	12 weeks	Indian Institute of Technology, Madras	63% (Elite Grade)

- Type Writing (Junior Grade) with Distinction
- LaTeX
- SPSS & Jamovi (Statistical Analysis Software)
- Matlab
- R-Programming
- Python

WORK EXPERIENCE:

- Working as an **Associate Professor of Mathematics**, Department of Science and Humanities, Nehru Institute of Engineering and Technology (**Autonomous & Affiliated to Anna University, Chennai**), Coimbatore, from 03.07.2024 to till date.
- Worked as an **Assistant Professor (Gr II)**, in **Sakthi Institute of Information and Management Studies (A Standalone Business School affiliated to Anna University, Chennai)**, Pollachi from 01-06-2023 to 02.07.2024.
- Worked as an **Associate Professor**, in Department of Science and Humanities, **Akshaya College of Engineering and Technology, Kinathukadavu, (Affiliated to Anna University, Chennai)** from 19-12-2022 to 31-05-2023.

- Worked as an **Assistant Professor** in Department of Mathematics, **Sri Krishna Arts and Science College (Autonomous & Affiliated to Bharathiar University, Coimbatore)**, Coimbatore, from 01-06-2015 to 16-12-2022.
- Worked as an **Assistant Professor** in Department of Mathematics, **Sree Saraswathi Thyagaraja College, Pollachi, (Autonomous & Affiliated to Bharathiar University, Coimbatore)** from 01-06-2011 to 21-04-2015.

TRAINING PROGRAMMES

- Undergone a 10 days training program on “Train the Trainers as a part of Project Genesis” organized by Bharathiar University conducted by **Infosys BPO Ltd** at Mysore.
- Successfully completed the Online Refresher Course in Mathematics Sciences under Malaviya Mission Training Programme of the UGC organized by MMTTC, Tezpur University, Tezpur, from 11.12.2024 to 24.12.2024 with A+ Grade.

EXPERIENCE BEYOND TEACHING

- ❖ Organised National & International Conferences, Mathematics Workshops, FDP, Student Guest Lectures, Industrial Visits and etc.,
- ❖ Worked as an ISO, NAAC and NBA coordinator for the Department in all the colleges.
- ❖ Coordinated Placement Activities, handled aptitude classes for the final year students, Department Magazine Committee member as a Staff.
- ❖ Served as Autonomous Examination Cell Member for three years.
- ❖ Served as Examination Cell Member for Bharathiar University Distance Education Examinations as well as TNPSC Group exams
- ❖ Guiding B.Sc, M.Sc, B.E and MBA students for their projects
- ❖ Association-in-charge for the department activities.
- ❖ Counselling the students academically.
- ❖ Community Service Coordinator and organized various outreach activities for the betterment of Student and Society.

RESEARCH AREAS OF INTEREST

- ❖ Topology and its applications
- ❖ Topological Data Analysis using AI & ML
- ❖ Decision Making using Fuzzy, Intuitionistic Fuzzy, Neutrosophic Numbers
- ❖ Computational Techniques in Operations Research
- ❖ Fuzzy, Intuitionistic Fuzzy, Neutrosophic Topology
- ❖ Topological Optimization using Machine Learning

Journal REVIEWER & EDITORIAL BOARD MEMBER

- ❖ Reviewer in “Neutrosophic Sets and Systems” since 2022.
- ❖ Reviewer in “Sigma Journal of Engineering and Natural Sciences” since 2024.

- ❖ Reviewer in “Applied General Topology” since 2024
- ❖ Reviewer in “Contemporary Mathematics” since 2025
- ❖ Editorial Board member in Pure and Applied Mathematics Journal from 16.08.2024 to 16.08.2027.
- ❖ Editorial Board member in PriMera Scientific Engineering since 2024.
- ❖ Accepted as an Editorial Board member in RI Publications since 2024.

BoS Member and Design and Development of Curriculum:

- ❖ Member in BoS of Sri Krishna Arts and Science College, Coimbatore
- ❖ Member in BoS of Sree Saraswathi Thyagaraja College, Pollachi, Coimbatore
- ❖ Member in BoS of Nehru Institute of Engineering and Technology, Coimbatore

Research Projects

- Worked as a **Co - Investigator for the Minor Project** sanctioned by UGC with the amount of ₹ 75, 000 on “ A Study on new class of Closed Sets with respect ideal in Ideal Topological Spaces” in the year 2015.
- Applied project proposal to ANRF Research Grant.

PAPER PRESENTATIONS/ FDP/ Workshop:

Paper Presentation in Conference/ Seminar		FDP & Workshop*
National Level*	International Level*	
6	15	26

Note: The detail list is given in annexure. * Annexure – I & II

RESOURCE PERSON:

Sl. No.	Date	Particulars	Organised by
1.	27.09.2025	Acted as a Resource Teachers Professional Development Program on “Ordinary Differential Equations & its insights and Introduction to Probability Distribution”	State Council of Education Research and Training, Yercaud, Salem Branch.
2.	21.09.2024	Acted as a Resource Person for Refresher Program for Commerce and Management Professors on “AI Tools in Social Science Research”	Malaviya Mission Teacher Training Centre, Madurai Kamarajar University, Madurai
3.	02.11.2023	Acted as Resource Person for the NBHM sponsored a two day National Seminar on “Manifolds and Cell Complexes”	Department of Science and Humanities, Jai Shriram Engineering College, Tirupur.
4.	30.11.2022	Acted as Resource Person for National Seminar Series of Fibonacci Day 2022 Celebration.	Department of Mathematics, Yuvakshetra Institute of Management Studies, Pallakad, Kerala.
5.	08.10.2022	Acted as Resource Person for the Webinar on “Applications of Linear Algebra”	Department of Mathematics, Sree Narayanaguru College, Coimbatore.

Sl. No.	Date	Particulars	Organised by
6.	25.05.2020 – 30.05.2020	Acted as a Resource Person for the online workshop on Hands-on Training on “Effective Documentation using Latex”	PG & Research Department of Government Arts College, Karur.

PUBLICATIONS:

Book Publication:

1. Dr.E. Kungumaraj and Dr.H. Vignesh Ramamoorthi authored a text book “ **Transportation Problem by Topologized Graphs**”, ISBN: 978–93–5768–706-5, PK Publications, 2024.
2. Dr.A. Sangeethadevi, Dr. E. Kungumaraj and et.al authored a text book “**Engineering Mathematics-I**”, ISBN:978-81-981595-3-3, Sri Krishna Hitech Publications Company, 2024.
3. Dr.A. Sangeethadevi, Dr. E. Kungumaraj and et.al authored a text book “**Engineering Mathematics-I**”, ISBN:978-81-981595-3-3, Sri Krishna Hitech Publications Company, Revised Edition 2025.

Book Chapter Publication:

1. Accepted a chapter titled “Earthquake Predication using Topological Data Analysis and Machine Learning Techniques”, in Computational Methods in Engineering, AI, and Analysis, **De Gruyters Proceedings, will be index in Scopus.**
2. Accepted a chapter titled “**Integrative Review of Mathematical and Computational Modelling of Wound Healing Dynamics**” in Applied Mathematics and Optimization for Sustainable and Intelligent Systems, **Bentham Science, will be index in Scopus.**
3. Accepted a chapter titled “**Graph Theoretical Approach in Neural Networks and Cybersecurity: A Comprehensive Review**” in Applied Mathematics and Optimization for Sustainable and Intelligent Systems, **Bentham Science, will be index in Scopus.**
4. Submitted a chapter titled “**Chaotic behaviour of fractional delay differential equations**” in Differential Equations in the Era of Advanced Computational Science, **Wiley Scrivener Publications, Scopus Indexed.**
5. Submitted a chapter titled “**Fuzzy Multi- Criteria Decision – Making for Hospital Location Selection**”, Scopus indexed book chapter.
6. Submitted a book chapter “**Signal encryption using partial stability result of impulsive Boolean networks**” in Data – Driven and Numerical Approaches in Solid Mechanics: Integrating Machine learning with Computational Methods, CRC Press, Scopus Indexed.
7. Published a chapter titled “Performance Evaluation of Indian Banking Financial Sector by Using DEA Approach” in Infosys Science Foundation Series in Mathematical Sciences, part. F3593, pp.125-138, **Springer and Scopus indexed.**
doi: https://doi.org/10.1007/978-3-031-67192-0_58
8. Published a chapter titled “Topologized Graphical Method in Solving Transportation Problem with Computational Techniques” in Intelligent and Fuzzy Systems, INFUS 2024, Lecture

Notes in Networks and Systems, vol. 1090, **Springer and Scopus indexed**, doi: https://doi.org/10.1007/978-3-031-67192-0_58

9. Published a chapter titled “Topologized Graphical Method in Solving Transportation Problem with Computational Techniques” in Intelligent and Fuzzy Systems, INFUS 2024, Lecture Notes in Networks and Systems, vol. 1090, **Springer and Scopus indexed**, doi: https://doi.org/10.1007/978-3-031-67192-0_58
10. Published a chapter titled “Efficiency Enhancement in Heptagonal Fuzzy Transportation Problems” in Intelligent and Fuzzy Systems, INFUS 2024, Lecture Notes in Networks and Systems, vol. 1089, **Springer and Scopus indexed**, doi: https://doi.org/10.1007/978-3-031-67195-1_64.
11. Published a chapter titled “Pentagonal Fuzzy Transportation Problem by Topologized Graphical Method using Python”, ISBN: 978–93–94004–21-4
12. Published a chapter titled “Topologized Graphical Method for Fuzzy Transportation Problem using Topologized Graph”, in Current Trends in Multidisciplinary Research, ISBN: 978–93–95196–51-2, Vol 1, ESN Publications, Jan 2023.
13. Published a chapter titled “Digitalization of Transportation problem by Topologized Graphical Method using Computational Techniques”, International Conference on Enhanced Techniques in Real-Time Applications organized by Department of Computer Science & ICT academy of Tamilnadu, on 08.09.2023

Patent Publication:

1. Applied for a UK Design Patent on Smart biometric device to record attendance of employees – Application Number 6345938.

Journals Published (International):

SCI Journals:

1. Submitted a paper on Sustainability in Dairy Logistics: Reducing Environmental Impact of Milk Collection Routes in Global Nest, SCI Journal.
2. Submitted a paper on Innovative Topologized Graphical Method for Hexa-decagonal Fuzzy Transportation Problems by using Python Computational Technologies, Transportation Review Record, SCI Journal.
3. Submitted a paper on Exploring Hepatitis C Dynamics with Fuzzy Nano Topological Spaces and Python Programming in Engineering Research Express SCI Journal.

Scopus Indexed Journals:

1. Published a paper on, “**Efficient and resilient metro rail networks through graph domination, connectivity, and coloring methods**”, in Mathematical and Computational Sciences, Vol.7, Issue 1, 2026, 104-117.
2. Submitted a paper on “**Strongly g closed sets in Neutrosophic Bitopological spaces and its properties**”, Scopus Indexed.
3. Published a paper on “**A Computationally Topologized Graphical Method for Neutrosophic Transportation Problem: Cost Minimization, Performance Metric, and**

Python Implementation” in International Journal of Neutrosophic Science, Scopus Indexed Q1 journal, Vol 26, No. 03, 2025, pp 143-157.

4. Published a paper on **“Applications and Future Directions of Fuzzy BRK Topological Groups in Mathematics and AI”** in Communications on Applied Nonlinear Analysis, Scopus Indexed Journal, Vol.32, No.3s, 2025, pp 711 – 715.
5. Published a paper on **“Innovations in Transport Optimization: Topological Graphical Methodologies and Computational Strategies”** in Communications on Applied Nonlinear Analysis, Scopus Indexed Journal, Vol.31, No.4s, 2024, pp 135 – 146.
6. Published a paper on **“An Evaluation of Triangular Neutrosophic PERT Analysis for Real-life Project Time and Cost Estimation”** in Neutrosophic Sets and Systems, Scopus Indexed Journal, ISSN 2331 – 6035 Vol.63, 2024, pp 62-81.
7. Published a paper on **“Neutrosophic Topological Vector Spaces and its Properties”** in International Journal of Neutrosophic Science, Scopus Indexed Q1 journal, Vol 23, No. 02, 2024, pp 63-76.
8. Published a paper on **“Neutrosophic Heptagonal Topology”** in Neutrosophic Sets and Systems, Scopus Indexed Journal, ISSN 2331 – 6035, Vol 60, 2023, pp 335-356.
9. Published a paper on **“Neutrosophic Integrals Reduction formula and Partial Fraction Methods for Indefinite Integrals”** in International Journal of Neutrosophic Science, Scopus Indexed Q1 journal, Vol 23, No. 01, 2024, pp 08-16.
10. Published a paper on **“An Innovative Topological Approach for Various Intuitionistic Fuzzy Transportation Problems by Topologized Graph”**. Journal of Critical Reviews, **Scopus Indexed Journal**, 7(12), 2572-2589, DOI: 10.31838/jcr.07.12.399, 2020.
11. Published a paper on **“Modified Topologized Graph by using Fuzzy topology and Fuzzy Graphs”**, International Journal of Advanced Science and Technology, **Scopus Indexed Journal**, ISSN 2005 – 4238, Volume 29, Issue 2, pp 2008 -2020, 2020.
12. Published a paper on **Topologies Generated by Intuitionistic Fuzzy Numbers**, Notes on Intuitionistic Fuzzy Sets, Scopus Indexed Journal, Print ISSN 1310 – 4926, Online ISSN 2367 – 8283, Vol.26, No. 1, pp 36 – 45, DOI: 10. 7546.nifs.2020.26.1.36-45, 2020.

UGC Indexed Journals:

13. Published a paper on **Topologies Generated by Neutrosophic Triangular Numbers** in Gradiva Review Journal, UGC approved journal, ISSN 0363 - 8057 Vol 8, Issue 8, 2022, pp 511 - 515.
14. Published a paper on **Graphical Approach of Transportation Problems**, **Journal of Applied Science and Computations**, Journal of Applied Science and Computations, ISSN 1076-5131, Volume VII, Issue I, pp 251-259, 2020.
15. Published a paper on **An Innovative Topological approach for Triangular Intuitionistic fuzzy transportation problem by Topologized Graph**, The International journal of analytical and experimental modal analysis, ISSN NO: 0886-9367, Volume XII, Issue I, Jan 2020, pp 31-40.
16. Published a paper on **Optimal Solution of a Triangular Intuitionistic Fuzzy Transportation Problem by using new Ranking Function** in a Journal of Emerging Technologies and Innovative Research with ISSN: 2349 – 5192 and UGC Approved, Volume 5, Issue 12, December 2018 pp 403-409.

17. Published a paper on **Pentagonal Fuzzy Transportation problem by using Topologized Graphical Method** in Bulletin Monumental Journal, ISSN 0007 – 473X, Vol 23, Issue 4, 2022, pp 12 - 20.
18. Published a paper on **Geographic Information Study on Spatial Objects using Fuzzy Topology** in Bulletin Monumental Journal, ISSN 0007 – 473X, Vol 22 Issue 3, pp 31 –41, 2021.
19. Published a paper on **Topological solution of a Transportation problem using Topologized graph** in IAETSD for Advanced research in Applied Sciences with ISSN 2394 – 8442, Volume VI, Issue VI, June 2019, pp 30 – 38.
20. Published a paper on **Heptagonal Intuitionistic Fuzzy number and its Applications** in Journal of Global Research in Mathematical Archive with ISSN 2320 – 5822, Volume 6, No.3, March 2019 pp 1-4.
21. Published a paper on **Fuzzy Strongly g*s Closed Sets in Fuzzy Topological Spaces** in an International Journal of Trend in Scientific Research and Development with ISSN: 2456-6470 Vol 2, Issue 2, Feb 2018.PP 857-859
22. Published a paper on **Maximization Assignment Problem by using Intuitionistic Fuzzy Triangular Number** in an International Journal of Trend in Research and Development with ISSN: 2394 – 9333, Volume 4(5) Oct 2017.PP 286-289.
23. Published a paper on **Strongly Generalized Continuous functions and Closed map with Respect to the Ideal** in an International Journal of Applied mathematics with ISSN no 0975-7937, 2015.
24. Published a paper on **Strongly Generalized Closed sets with respect to an Ideal** in an International Journal of Fuzzy Mathematics and Systems with ISSN 2248-9940, Volume 2, and Number 4 (2012), pp 401- 406.

Journals Published (National)

1. Published a paper on **Optimal Solution of a Transportation Problem Using Nonagonal Intuitionistic Fuzzy Number**, Indian Journal of Mathematics Research, ISSN 2347 - 3045 Volume 7, Number 1, pp. 31-40, 2019.
2. Published a paper on **A new topological approach to solve a Fuzzy Transportation problem using Topologized Graph**, Indian Journal of Information science and computer applications, ISSN 2349 – 042X, Volume 6, Number 1 (2019), pp 1-6.

Scopus Citation:

- Citations - 74
- H-Index -
- i10 - Index - 2

Google Scholar Citation:

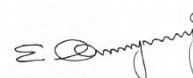
- Citations – 85
- H-Index - 5
- i10 - Index - 2

DECLARATION

I hereby declare that the particulars furnished above are true to the best of my Knowledge and belief.

Date : 20.04.2026

Place : Coimbatore.



[Dr. E. KUNGUMARAJ]

Annexure – I

Conference/ Seminar / Workshop/FDP Participated

Sl. No.	Date		Particulars	Organised by
	From	To		
1.	24.09.2025	29.09.2025	Five Days National Virtual Faculty Development Programme on “ Mathematics for Sustainable Development in Research”	Department of Mathematics, St.Joseph’s Arts and Science college, Chennai.
2.	02.06.2025	06.06.2025	Five day online FDP, Innovative Pedagogical Approaches to Core Mathematics.	Department of Mathematics, Arul Anandar College, Madurai
3.	23.12.2024	28.12.2024	1 st Short Term Programme (STP) on “Recent Trends in Mathematical Science and Its Applications” in an Online mode with ‘A+’ Grade.	UGC-MMTTC, Indian Institute of Teacher Education, Gandhinagar.
4.	11.12.2024	24.12.2024	Online Refresher Course in Mathematical Sciences with ‘A+’ Grade.	MMTTC Tezpur University, in Collaboration with Department of Mathematical Sciences, Tezpur University.
5.	18.11.2024	23.11.2024	International FDP on Innovative Applications of Mathematics through Virtual Mode.	Department of Mathematics, Bapatla Engineering College, Bengaluru.
6.	18.10.2024	25.10.2024	One week International FDP on Essential Mathematics for Machine Learning, Deep Learning and Cyber Security	Department of Mathematics, SRMIST, Vadapalani Campus, Chennai.
7.	14.10.2024	19.10.2024	Online Short Term Training Programme (STTP) on Mathematical Methods under Malaviya Mission Teacher Training Programme of UGC	UGC MMTTC, Shri Vaishno Devi University, Katra, Jammu & Kashmir.
8.	19.08.2024	24.08.2024	FDP on Exploring New Horizons in Mathematical Research	PG and Research Department of Mathematics, V.O.Chidambaram College, Thoothukudi.
9.	12.07.2024	18.07.2024	One Week Faculty Development Program on Scientific Software	Department of Mathematics, School of Basic Sciences, The Assam Kaziranga University.

Sl. No.	Date		Particulars	Organised by
	From	To		
10.	10.07.2024	15.07.2024	One Week Faculty Development Program on Applications of Differential Equations	Department of Mathematics, SRM Madurai College of Engineering and Technology
11.	10.04.2024	14.04.2024	Five Days Hands-on Workshop on Research Methodologies Based on SPSS, Python, Jamovi, R and COMSOL	Department of Mathematics & MBA, School of Advanced Sciences, Vellore Institute of Technology & B-School, Chennai.
12.	01.04.2024	13.04.2024	Participated in Two weeks Teacher Enrichment Workshop on Elements of Data Management and Analytics	Department of Mathematics, Jaypee Institute of Information Technology, Noida, India.
13.	30.03.2024	05.04.2024	4 th One-Week International workshop on Technical Writing using LaTeX (online)	School of Electronics Engineering and Technically Co-Sponsor by VIT-AP IEEE and MTT SBC, VIT AP University.
14.	20.03.2024	26.03.2024	One week International Faculty Development Program on Applied Mathematics in Engineering and Technology	Department of Mathematics, SRM TRP Engineering College, Tiruchirappalli.
15.	20.01.2024	24.01.2024	Five-Day FDP on Fuzzy Mathematics: A journey into the World of Uncertainty	Division of Mathematics, School of Advanced Sciences, Vellore Institute of Technology, Chennai.
16.	15.01.2024	20.01.2024	Advance Training in Mathematics – TEW workshop on Partial Differential Equation	K.J. Somaiya College of Science and Commerce, Mumbai associated with National Centre for Mathematics (A joint centre of TIFR and IIT Bombay)
17.	22.12.2023	29.12.2023	Seven Days International Faculty Development program on Recent Trends in Mathematics and Technology (Virtual Mode)	Department of Mathematics, SRM TRP Engineering College, Tiruchirappalli.
18.	20-11-2023	24-11-2023	Online Short – Term Course on Mathematics with Computational Learning for Engineering and Technological Applications (MCET 2023)	Department of Mathematics, Dr. B.R. Ambedkar National Institute of Technology, Jhalandhar, Punjab, India.

Sl. No.	Date		Particulars	Organised by
	From	To		
19.	03-08-2023	08-08-2023	Seven Day International Virtual Faculty Development Programme on “Research Insights for Academic Excellence	Department of Mathematics, KPR College of Arts, Science and Research, Coimbatore
20.	11-06-2023	20-06-2023	Data Analysis and Machine Learning Boot camp with Python	Sanatan Dharma College, Ambala Cantt Bengaluru.
21.	23.08.2021	28.08.2021	Six Days Faculty Development Programme on Digital Teaching Methods in Higher Education.	PG & Research Department of Mathematics, Hindusthan College of Arts and Science, Coimbatore.
22.	07-08-2019	08-08-2019	Two days National Conference on Future Trends in Topology and its Applications	Department of Mathematics PSGR Krishnammal College for Women, Coimbatore
23.	09-01-2015	10-01-2015	One day workshop on “LaTeX for Researcher”	Department of Mathematics, Sree Saraswathi Thyagaraja, Pollachi
24.	19-09-2014	20-09-2014	National Conference on Fuzzy Soft Computing Mathematical Analysis	Department of Mathematics, Pondicherry University, Pondicherry.
25.	25-07-2014	26-07-2014	National Seminar on Advances in Mathematical Modelling	Department of Mathematics, P.S.G.R. Krishnammal College for Women, Coimbatore
26.	25-02-2014	–	UGC Sponsored National Conference on Advances in Applied Mathematics	Department of Applied Mathematics, Bharathiar University, Coimbatore - 641 046.

Annexure – II

Paper Presentations in International / National - Conference/ Seminar

Sl. No.	Date		Particulars	Organised by
	From	To		
1.	11.10.25	-	Accepted to Present a paper titled as “Topological Data Analysis by Machine Learning Approaches: A Comprehensive Review” in National Conference on Emergence of Artificial Intelligence, Machine Learning & Computing powers.	Organized by Dhanalakshmi Srinivasan College of Engineering, Coimbatore.
2.	09.10.25	11.10.25	Presented a paper “Stability Analysis of Matrix Metalloproteinase-Driven wound Healing using Reaction – Diffusion Modelling” in International Conference on Recent Trends in Mathematics and Computer Science 2025.	Department of Mathematics and Computer Science, Auxilium College of Arts and Science for Women, Pudukkottai.

Sl. No.	Date		Particulars	Organised by
	From	To		
3.	09.10.25	11.10.25	Presented a paper “Exploring Cayley Graph Structures for Enhanced Cryptographic Security in Healthcare Data Encryption” in International Conference on Recent Trends in Mathematics and Computer Science 2025.	Department of Mathematics and Computer Science, Auxilium College of Arts and Science for Women, Pudukkottai.
4.	09.10.25	11.10.25	Presented a paper “ Efficient and Resilient Metro Rail Networks Through Graph Domination, Connectivity and Coloring Methods” in International Conference on Recent Trends in Mathematics and Computer Science 2025.	Department of Mathematics and Computer Science, Auxilium College of Arts and Science for Women, Pudukkottai.
5.	09.12.24	10.12.24	Presented a paper titled “ Neutrosophic Nano Topological Spaces and their applications to Hepatitis C a Mathematical Model”, in National Conference on Cutting Edge Innovation in Mathematical Biology.	Department of Mathematics with Computer Applications, PSG College of Arts and Science College, Coimbatore
6.	22.10.24	23.10.24	Presented a paper titled “ Mathematical Modelling of Hepatitis C with Fuzzy Nano Topological Spaces” in Third International Conference on Optimization Techniques in the Field of Engineering	Department of Computer Science and Engineering, K.S.R. College of Engineering, Namakkal, India and Debre Tabor University, Ethiopia.
7.	23.08.2024	24.08.2024	Presented a paper titled “ On BRK topological Group” in TNSCST Sponsored National Conference on Innovations in Science, Technology, Agriculture and Healthcare Applications	Nehru Institute of Engineering and Technology, Coimbatore.
8.	19.08.20224	-	Participated in One day International Workshop on “ Mathematical Modelling in Engineering Field”.	Department of Science and Humanities – Mathematics Division, Dr. Mahalingam College of Engineering Technology, Pollachi.
9.	16.07.2024	18.07.2024	Presented a paper on Topologized Graphical Method in Solving Transportation Problem with Computational Techniques in Sixth Conference on Intelligent Fuzzy System	Department of Management, Istanbul Technical University, Turkie.
10.	16.07.2024	18.07.2024	Presented a paper on Efficiency Enhancement in Heptagonal Fuzzy Transportation Problems in Sixth Conference on Intelligent Fuzzy System	Department of Management, Istanbul Technical University, Turkie.

Sl. No.	Date		Particulars	Organised by
	From	To		
11.	14.03.2024	15.03.2024	Presented a paper on The Utilization of Chatbots to Enhance Contemporary Language Acquisition in the IEEE International Conference on Advanced Computing & Communication Systems 2024	Department of Computer Science, Sri Eshwar College of Engineering, Coimbatore.
12.	24.01.2023	25.01.2023	Presented a paper titled Neutrosophic Topological Vector Space in the Two-days National Symposium on “Impending Mathematical Techniques for Nonlinear PDE in Collective Dynamics”	Department of Mathematics, PSG College of Arts and Science College, Coimbatore
13.	27.10. 2021	-	Presented a paper titled Topologized Graphical method for Pentagonal Fuzzy Transportation problems in the one-day international conference on Emerging trends in Science and Technology	Department of Biological Science, Physical Science and Computational Science, N.G.M College, Pollachi.
14.	27.10. 2021	-	Presented a paper titled Presented paper entitled Novel approach to Generate Topologies by using cuts of Neutrosophic sets in the one-day international conference on Emerging trends in Science and Technology	Department of Biological Science, Physical Science and Computational Science, N.G.M College, Pollachi.
15.	09.02.2018	-	Presented a paper titled Maximization Assignment Problem by using Intuitionistic Fuzzy Triangular Number in the National Conference on Opportunities and Challenges of Operations Research	Department of Mathematics, Dr.N.G.P Arts and Science College, Kalapatti, Coimbatore.
16.	09.02.2018	-	Presented a paper titled Fuzzy Strongly g^* s Open sets in Fuzzy Topological spaces in Fuzzy Topological Spaces in One day National Seminar on Stochastic Differential Equations and Applications	Department of Mathematics, Sri Ramakrishna Mission Vidyalaya, College of Arts and Science, Coimbatore.
17.	13.03.2015	-	Presented a paper titled Strongly Generalized Continuous functions with respect to Ideal in Bitopological Spaces in National Conference on Recent Developments in Applications of Mathematics	Department of Mathematics, Karpagam University, Coimbatore.
18.	07.02.2015	-	Presented a paper titled Regular generalized star star closed sets with respect to an ideal in Bitopological spaces in UGC sponsored National Conference	Department of Mathematics, Erode Arts and Science College, Erode on 07 Feb 2015.

Sl. No.	Date		Particulars	Organised by
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			on Computational and Applied Mathematics	
19.	06.02.2015	-	Presented a paper titled Properties of Irg^{**} closed sets in National Seminar on Modern Techniques and Applied Mathematics 2015.	Department of Mathematics, Sree Saraswathi Thyagaraja College, Pollachi.
20.	11.08.2014	12.08.2014	Presented a paper titled Strongly Generalized closed sets with respect to an Ideal in Bitopological spaces.	Department of Mathematics, Dr.N.G.P Arts and Science College, Kalapatti, Coimbatore.
21.	01.03.2013	-	Presented a paper titled Strongly Generalized Continuous functions with respect to the Ideal in NSMTAM 2013.	Department of Mathematics, Sree Saraswathi Thyagaraja College, Pollachi.
