

Dr E. Mike Dison

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Education

Ph.D. 2015-2021	Highly Commended Department of Mathematics, Loyola College (Autonomous), Chennai University of Madras Title: <i>Trans Rotational Fuzzy Set Models with the usage of Symmetric Pentagonal Fuzzy Numbers to Analyse Natural Language Processing</i> Guide: Dr. T. Pathinathan
M.Phil. 2013-2014	Department of Mathematics, Loyola College (Autonomous), Chennai Affiliated to University of Madras Percentage: 94.3% Title: <i>Semantic Ordering Relation and Hedge Algebra as it is observed in the works of Mystery Writers</i> Guide: Dr. T. Pathinathan
M.Sc. 2011-2013	Department of Mathematics, Loyola College (Autonomous), Chennai Affiliated to University of Madras Percentage: 88.4%
B.Sc. 2008-2011	Department of Mathematics, Loyola College (Autonomous), Chennai Affiliated to University of Madras Percentage: 83%

Eligibility Qualification

TNSET 2017	Tamil Nadu State Eligibility Test for Assistant Professor Subject: Mathematical Sciences Agency: Government of Tamil Nadu
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Teaching Experience

Assistant Professor 12.06.2019 - Present	Department of Science and Humanities (Mathematics) Loyola-ICAM College of Engineering and Technology, Loyola Campus, Nungambakkam, Chennai - 600 034
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Research Fellowship

UGC Maulana Azad National Fellowship 2016-2019	Recipient of UGC Maulana Azad National Fellowship awarded by the University Grants Commission (UGC) and funded by Ministry of Minority Affairs, Government of India, for pursuing Ph.D. research in Mathematics Ref. No.: F1-17.1/2016-17/MANF-2015-17-TAM-58960.
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Academic Responsibilities

Chairman 2024 - Present	Board of Studies , Department of Science and Humanities, Loyola-ICAM College of Engineering and Technology
Member 2024 - Present	Academic Council , Loyola-ICAM College of Engineering and Technology
Member 2024 - Present	Curriculum Design Committee , Department of Science and Humanities, Loyola-ICAM College of Engineering and Technology
Core Team Member 01.04.2024 - 13.04.2024	Loyola Summer Camp 2024 , Loyola College (Autonomous), Chennai - 600 034.
Core Team Member 15.04.2023 - 27.04.2023	Loyola Summer Camp 2023 , Loyola College (Autonomous), Chennai - 600 034.
Core Team Member 01.06.2022 - 12.06.2022	Loyola Summer Camp 2022 , Loyola College (Autonomous), Chennai - 600 034.
Core Team Member 12.06.2021 - 26.06.2021	Loyola Online Summer Camp 2021 , Loyola College (Autonomous), Chennai - 600 034.
LICET Representative 2019 - 2020	Loyola - Racine Research Institute of Mathematics and Computing Sciences (LIMCOS) , Loyola College (Autonomous), Chennai - 600 034.

Administrative Responsibilities

Head of the Department 2024 - Present	Department of Science and Humanities, Loyola-ICAM College of Engineering and Technology
Programme Officer 2019 - 2024	National Service Scheme, Loyola-ICAM College of Engineering and Technology
Assistant Director 2019 - 2021	LICET Hostel, Loyola Campus, Nungambakkam, Chennai - 600 034
Secretary 2012 - 2013	Loyola Mathematics Association, P.G. and Research Department of Mathematics, Loyola College (Autonomous), Nungambakkam, Chennai - 600 034

Research and Academic Projects

Ph.D.	Trans-Rotational Fuzzy Set Models with the usage of Symmetric Pentagonal Fuzzy Numbers to analyse Natural Language Processing (February 2015 - September 2019)
M.Phil.	Semantic ordering relation and hedge algebra as it is observed in the works of mystery writers (February 2014 - August 2014)

M.Sc. Mathematical Analysis of Agatha Christie's Suspense Thriller

B.Sc. Constructed Elliptical Sundial at Periyar Science and Technology Centre, Birla Planetarium, Kotturpuram, Chennai on Dec 2011.

Publications and Book Chapters

1. Merceline Anita, A, Bharathi, T, Arulselvam, B and **Mike Dison E**, (2026), New Operations for Linear (k, w) -intuitionistic Pentagonal Fuzzy Numbers, *JAMI : Journal of Applied Mathematics and Informatics*. (Accepted for publication) (**SCOPUS Journal**)
2. Ravindra. S, Vinod. B, **Mike Dison E** and Baburao. P, (2026), Optimization and Assessment of CoCrFeMnTi High Entropy Alloy: Novel Strategy to Enhance Electrical and Mechanical Characteristics, *2026 IEEE International Conference on Interdisciplinary Approaches in Technology and Management for Social Innovation (IATMSI)*, DOI: 10.1109/IATMSI68868.2026.11465685. (**SCOPUS Indexed**)
3. Merceline Anita, A, Bharathi, T, Arulselvam, B and **Mike Dison E**, (2024), New Operations for Linear Pentagonal Fuzzy Numbers, *Tuijin Jishu/Journal of Propulsion Technology*, vol. 45, no. 2, pp. 4159-4170. (**SCOPUS Journal**)
4. **Mike Dison. E**, and Pathinathan. T, (2019), Extended Rotational Fuzzy Set Model and its Applications, *Journal of Computer and Mathematical Sciences*, vol. 10, no. 3. pp:608-630. (**UGC Approved Journal**)
5. **Mike Dison. E**, and Pathinathan. T, (2019), On Operational Properties of Rotational Fuzzy Set Model, *Journal of Computer and Mathematical Sciences*, vol. 10, no. 2, pp: 326-339. (**UGC Approved Journal**)
6. Pathinathan. T, and **Mike Dison. E**, (2018), A New Approach to Rotational Fuzzy Set Model, *International Journal of Engineering and Technology (UAE)*, vol. 7, (Accepted for publication) (**SCOPUS Journal**) (**UGC Approved Journal**)
7. **Mike Dison. E**, and Pathinathan. T, (2017), Fuzzy Set Approach to Study Appositives and Its Impact Due to Positional Alterations, *International Journal of Computer and Information Engineering*, vol. 12, no. 5, pp: 280-286.
8. Pathinathan. T, and **Mike Dison. E**, (2017), Defuzzification for Pentagonal Fuzzy Numbers, *International Journal of Current Advanced Research*, vol. 7, no. 1, pp: 86-90. (**UGC Approved Journal**)
9. Pathinathan. T, and **Mike Dison. E**, (2017), Similarity Measures for Pentagonal Fuzzy Numbers, *International Journal of Pure and Applied Mathematics*, vol. 119, no. 9, pp: 165-175. (**SCOPUS Journal**) (**UGC Approved Journal**)
10. Jesintha Rosline. J, and **Mike Dison. E**, (2017), Symmetric Pentagonal Fuzzy Numbers, *In-*

ternational Journal of Pure and Applied Mathematics, vol. 119, no. 9, pp: 245-253. (**SCOPUS Journal**) (**UGC Approved Journal**)

11. Pathinathan. T, Johnson Savarimuthu. S, and **Mike Dison. E**, (2017), Extended VIKOR Method and its Application to Farming using Pentagonal Fuzzy Numbers, *Global Journal of Pure and Applied Mathematics (GJPAM)*, vol. 13, no. 9, pp: 6801-6826. (**SCOPUS Journal**)
12. Pathinathan. T, Jon Arockiaraj. J and **Mike Dison. E**, (2016), Constant Hesitancy Fuzzy Graphs, *Global Journal of Pure and Applied Mathematics (GJPAM)*, vol. 12, no. 2, pp: 287-292. (**SCOPUS Journal**)
13. Pathinathan. T, Ponnivalavan. K and **Mike Dison. E**, (2015), Different Types of Fuzzy Numbers and Certain Properties, *Journal of Computer and Mathematical Sciences*, vol. 06, no. 11, pp: 631-651. (**UGC Approved Journal**)
14. Pathinathan.T., and **Mike Dison. E**, (2014), PRUF-CW application in creative literature, *International Journal of Computing Algorithm*, vol. 03, pp: 715 – 721.
15. **Mike Dison. E**, Pathinathan. T., and Ponnivalavan. K., (2014), A Study on Transition of Logic Connectives to Induced Linked Fuzzy Relational Maps, *International Journal of Computing Algorithm*, vol. 03, pp: 778 – 782.
16. Pathinathan. T., **Mike Dison. E**, and Ponnivalavan. K., (2014), Semantic Ordering Relation – Applied to Agatha Christie Crime Thrillers, *International Journal of Computing Algorithm*, vol. 03, pp: 1006 – 1015.
17. Victor Devadoss. A., Clement Joe Anand. M., and **Mike Dison. E**, (2013), A study of five knowledge variables of education using weighted multi-expert neural networks, *International Journal of Business Intelligents*, vol. 02, pp: 250-255.

Paper Presentations

- Presented a Paper in the 20th **International Conference on Fuzzy Systems and Neural Computing (ICFSNC 2018)** organized by the World Academy of Science, Engineering and Technology (WASET), during 21st and 22nd May 2018 held at Berlin, Germany.

Title: *"Fuzzy Set Approach to Study Appositives and Its Impact Due to Positional Alternations".*

- Presented a Paper in the **International Conference on Recent Trends in Engineering and Sciences (ICRTES 2018)** organized by Confer Professional Group of Conferences, Andhra Pradesh, India during 20th -21st February 2018.

Title: *"A New Approach to Rotational Fuzzy Set Model".*

- Presented a Paper in the **UGC-AUTONOMOUS FUNDED International Conference on Intuitionistic Fuzzy Sets and their Applications**, organized by P.G. and Research Department

of Mathematics, Islamiah College, Vaniyambadi, Vellore District during 10th -11th January 2018.

Title: *"Defuzzification for Pentagonal Fuzzy Numbers".*

- Presented a Paper in the **National Conference on Recent Trends in Fuzzy Mathematics and its Applications (NCRTFMA - 2017)** held at SRM University, Ramapuram during 03rd and 04th of November 2017.

Title: *"Similarity Measures of Pentagonal Fuzzy Numbers".*

- Presented a Paper in the **National Conference on Recent Trends in Applied Mathematics, NCRTAM-2016**, on 22nd and 23rd July 2016 at St. Joseph's College of Arts and Science, Cuddalore.

Title: *"Balancing Linguistic Ambiguity using Fuzzy Principles".*

- Presented a Paper in the **National Conference on Recent Trends in Mathematics and its Applications, NCRTMA-2016**, on 26th and 27th February 2016 at SRM University (Vadapalani Campus), Vadapalani, Chennai.

Title: *"Constant Hesitancy Fuzzy Graphs".*

- Presented a Paper in the **India-Taiwan Cooperation International Workshop on Intelligent Data Analysis Techniques (IWIDAT-2015)**, on 17th March 2015 at Ramanujan School of mathematical Sciences, Pondicherry Central University, Pondicherry.

Title: *"Semantic Ordering Relation and its Applications".*

- Presented a Paper in the **National Conference on Recent Trends in Applied Mathematics, NCRTAM-2014**, on 28th February 2014 at St. Joseph's College of Arts and Science, Cuddalore.

Title: *"Semantic Ordering Relation – Applied to Agatha Christie Crime Thrillers".*

- Presented a Paper in the **National Conference on Recent Trends in Applied Mathematics, NCRTAM-2014**, on 28th February 2014 at St. Joseph's College of Arts and Science, Cuddalore.

Title: *"A study of transition of logic connectives to induced linked fuzzy relational maps (ILFRMs)".*

- Presented a Paper in the **Indo-Bhutan International Conference on "The Changing Social Paradigm and GNH", Phase-3**, from 13th to 15th May 2013 at Gaeddu College of Business Studies, Royal University of Bhutan, Bhutan, jointly organized by Gaeddu College of Business Studies, Royal University of Bhutan, Bhutan and PG and Research Department of Mathematics, Loyola College, Chennai.

Title: *"Polio Free India: A Survey about Healthcare and Happiness in Tamilnadu by using weighted Multi-Expert Neural Networks".*

- Presented a Paper in **Fr.Vion Indo-Bhutan International conference on Gross National Happiness, IBIC-GNH, Phase-2**, from 13th to 15th Jan 2013 at Loyola College, Chennai, jointly organized by Loyola College, Chennai, India and Gaeddu College of Business Studies, Gedu, Bhutan,

Royal University of Bhutan.

Title: *"A Study of Five Knowledge variables of Education by using Weighted Multi-Expert Neural Networks"*.

Areas of Interest

By Research	Fuzzy Mathematics, Decision Making Theories
By Teaching	Linear Algebra, Complex Analysis, Discrete Mathematics
By Experience	Department Administration, Outcome-Based Education, Jesuit Pedagogy

As Resource Person

Resource Person	Delivered a three-hour technical session titled "From Data to Decisions: Using Statistics, Probability and Control Charts for Process Excellence" during the Faculty Development Programme titled "Industrial Training Programme for Mathematics Teachers (ITP)" on 8th August 2025. The session was organised by the National Institute of Technical Teachers Training and Research (NITTTR) , Taramani, Chennai, under the Ministry of Education, Government of India
Resource Person	Delivered a three-hour technical session titled "From Randomness to Reliability: Ensuring Quality through Statistical Thinking," during Industrial training Programme for Mathematics Teachers on 18th June 2025. The session was organised by the National Institute of Technical Teachers Training and Research (NITTTR) , Taramani, Chennai, under the Ministry of Education, Government of India.
Resource Person	Served as a resource person and delivered a session on "Statistics, Probability and Quality Control in Automotive Engineering" for the student orientation program organized by the Department of Mechanical Engineering at LICET on July 7, 2025.
Resource Person	Delivered a invited lecture on Realm of Matrices in Economics in the Workshop organised by Department of Economics - Shift II, Loyola College (Autonomous), Chennai on 21.06.2024.
Master Trainer	Designed the training curriculum, developed learning resources, and conducted instructional sessions in Loyola Summer Camp 2024, "A Summer Camp for Dalit and Poor Students", organised by Loyola College (Autonomous), Chennai-34 from 01.04.2024 to 13.04.2024.
Resource Person	Conducted a crash crouse on the topic, "Mathematical Methods in Economics" . organised by Department of Economics - Shift II, Loyola College, Chennai -34 on July 1st and 7th 2023.

Master Trainer	Served as a Master Trainer for the Loyola Online Summer Camp 2022 , a capacity-building initiative for Dalit and economically disadvantaged students organized by Loyola College, Chennai, from 01.06.2022 to 12.06.2022.
Master Trainer	Loyola Online Summer Camp 2021 "A Summer Camp for Dalit and Poor Students", conducted by LSSS, Loyola College, Chennai 34 from 12.06.2021 to 26.06.2021.
Valedictory Address	Delivered a Valedictory address in the Valedictory function of the Loyola Mathematics Association Shift 2 (2022-2023), Department of Mathematics (Shift II), Loyola College on 31 st March 2023.
Chair Person	Acted as a chair person in the International Conference on Recent Trends in Applied Mathematics (ICRTAM-2023) organized by Department of Mathematics, Loyola College, Chennai held on 24 th February and 25 th February 2023.
Chair Person	Acted as a chair person in the International Conference on Recent Trends in Applied Mathematics (ICRTAM-2022) organized by Department of Mathematics, Loyola College, Chennai held on 3 rd March and 4 th March 2022.
Presidential Address	Delivered a presidential address on The Mathematical Realm of Composition and Convolution conducted on 29 th October 2020 at Mathematics Association, Auxilium College (Autonomous) , Vellore.
Presidential Address	Delivered a presidential address on Maths and Science Club Closing Ceremony Day conducted on 11 th February 2020 at JRK Matriculation Higher Secondary School , Vadapalani, Chennai.
Invited Talk	Delivered a lecture on PRUF-CWW Theory: Tasks and Techniques in the Workshop on Mathematical Applications conducted on 24 th February 2017 at St. Joseph's College of Arts and Science (Autonomous), Cuddalore.

Academic Awards/Achievements

- **Gold Medal** in M.Phil Mathematics in the College for the Academic year 2013-2014
- **Awarded Rayappan Adaikalamary Rural Excellence Scholarship** in M.Sc., Mathematics, Loyola College for the academic year 2012-2013
- **Awarded Fr Racine Scholarship** in M.Sc., Mathematics, Loyola College for the academic year 2011-2012
- **Secured Excellent Grade** in the Course Work entitled Insight into *Fuzzy Modelling: Reasoning in Fuzzy Natural Logic and Its Applications*, organized by Department of Applied Mathematics, **Indian Institute of Technology (Indian School of Mines)**, IIT-ISM Dhanbad and Global Initiative of Academic Network (GIAN) during October 23-27, 2017.

Technical Competencies

Mathematical Computing	MATLAB, Google Colab
Scientific Typesetting	L ^A T _E X, Beamer, MathType, Prezi
Academic and Design Tools	Microsoft Office Suite, Microsoft Visio, CorelDRAW, FLASH
Learning Management Systems	Moodle, Google Classroom

Conferences Organised

Organising Secretary	International Conference on Artificial Intelligence and Data Science (ICAIDS 2026)
09.02.2026 -10.02.2026	Department of Data Science, Loyola College, Chennai and Departments of CSE, IT, AI&DS, Loyola-ICAM College of Engineering and Technology, Chennai-34.
Organising Secretary	International Conference on Next-Gen Mathematical Sciences (ICNMS 2025)
10.12.2025 -11.12.2025	Department of Mathematics, Loyola College, Chennai and Department of Science and Humanities, Loyola-ICAM College of Engineering and Technology, Chennai-34.
Organising Secretary	International Conference on Integrated Knowledge towards Enriched Society (IKTES-2020)
22.01.2020 -23.01.2020	Loyola-Racine Research Institute of Mathematics and Computing Sciences (LIMCOS), Loyola College, Chennai -34

Conferences Attended (National / International)

International Conferences

- Participated in the Online International e-Conference on Recent Trends in Mathematical Sciences organised by the Department of Mathematics, Andhra Loyola College (Autonomous) on 28th and 29th July 2021.
- Participated in the 20th **International Conference on Fuzzy Systems and Neural Computing (ICFSNC 2018)** organized by the World Academy of Science, Engineering and Technology (WASET), during 21st and 22nd May 2018 held at Berlin, Germany.
- Participated in the UGC-AUTONOMOUS FUNDED **International Conference on Intuitionistic Fuzzy Sets and their Applications**, organized by P.G. and Research Department of Mathematics, Islamiah College, Vaniyambadi, Vellore District during 10th -11th January 2018.
- Participated in the **International Conference on Recent Trends in Mathematics (ICRTM 2017)** held during March 07, 2017 at P.G. and Research Department of Mathematics, Loyola College, Chennai.
- Participated in the **Fr. Vion Indo-Bhutan International conference on Gross National Happiness, IBIC-GNH, Phase-2**, from 13th to 15th Jan 2013 at Loyola College, Chennai, jointly organized by Loyola College, Chennai, India and Gaeddu College of Business Studies, Gedu, Bhutan, Royal University of Bhutan.
- Participated in the **Indo-Bhutan International Conference** on “The Changing Social Paradigm and GNH”, Phase-3, from 13th to 15th May 2013 at Gaeddu College of Business Studies, Royal University of Bhutan, Bhutan, jointly organized by Gaeddu College of Business Studies, Royal

University of Bhutan, Bhutan and PG and Research Department of Mathematics, Loyola College, Chennai.

National Conferences

- Participated in the National Conference on “**Mathematical Approach to Defuzzify the World and Fuzzy Concepts**” on 23rd February 2018 at Department of Mathematics, Loyola College, Vettavalam, Tiruvannamalai.
- Participated in the National Conference on **Recent Trends in Fuzzy Mathematics and its Applications (NCRTFMA - 2017)** held at SRM University, Ramapuram during 03rd and 04th of November 2017.
- Participated in the National Conference on **Recent Trends in Applied Mathematics (NCR-TAM’16)** conducted at St.Joseph’s College of Arts and Science (Autonomous), Cuddalore during 22nd and 23rd of July 2016.
- Participated in the **One Day National Conference on Pure and Applied Mathematics (NCPAM-2016)** at VIT University on 12th March 2016.
- Participated in the **National Conference on Recent Trends in Mathematics and its Applications (NCRTMA’16)** conducted at SRM University, Vadapalani during 26th and 27th of February 2016.

Training Completed

- Trained in Disaster Nabagement and First Aid Skills - Both Theory and Practicals on 18.04.2022 at Loyola-ICAM College of Engineering and Technology, Chennai - 34 organised by Indian Red Cross Society Chennai District Branch.
- Successfully completed **Two-Week Refresher Course in Mathematics** organised by the Department of Mathematics, Ramanujan College from 16th March 2021 to 30th March 2021 under the aegis of Ministry of Education.
- Participated in the Moodle Learning Management System training organised at CT Institute of Engineering Management and Technology in January 2020 semester, with course material provided by the Spoken Tutorial Project, IIT Bombay. This training is offered by the Spoken Tutorial Project, IIT Bombay, funded by National Mission on Education through ICT, MHRD, Govt., of India.
- Successfully completed LaTeX test organised at GIET University, Gunupur, Rayagada by Satya Narayan Das with course material provided by the Spoken Tutorial Proect, IIT Bombay. This training is offered by the Spoken Tutorial Project, IIT Bombay, funded by National Mission on Education through ICT, MHRD, Govt., of India.
- Successfully completed Moodle Test for Teachers test organised at Sri Akilandeswari Women’s College by Ramanan Munirathinam with course material provided by the Spoken Tutorial Project, IIT Bombay. This training is offered by the Spoken Tutorial Project, IIT Bombay, funded by National Mission on Education through ICT, MHRD, Govt., of India.
- Participated in the Faculty Orientation Programme In-Forming Gen Z Engineers on the 12th and 13th June 2019 held at Loyola-ICAM College of Engineering and Technology.
- Attended a Two-Day Orientation Programme for Young Professors, organised by Jesuit Higher Education Commission, Jesuit Madurai Province at Dhyana Ashram, Chennai on July 05-06, 2019.
- Successfully completed and Qualified the exam of One Week STTP on Advanced Research Methodology from 11 May 2020 to 15 May 2020 organised by REST Society for Research International (RSRI), Krishnagiri, Tamil Nadu, India.
- Successfully completed the E-Content Development Course Certification exam on 4 June 2020 organised by International Institute of Organised Research.
- Participated in the **ANNUAL FOUNDATION SCHOOL– II (AFS-II)** organized by **National Centre for Mathematics (A joint centre of TIFR and IIT BOMBAY)** at

Bhaskaracharya Pratishthana, Pune during 16th May– 11th June 2016.

- Participated in the **6th SCIENCE CONCLAVE at IIIT-ALLAHABAD**, Allahabad on Dec 8th-14th 2013.
- Participated in the **Fourth Summer Training Program in Mathematics** conducted by the **Ramanujan Institute for Advanced Study in Mathematics, University of Madras, Chennai**, during May 24– June 14, 2012, jointly organized by Science City, Government of Tamilnadu and The Institute of Mathematical Sciences (IMSC).

FDP Attended

- Participated and completed a one-week offline Faculty Development Programme on "**AI in Pedagogy and Scientific Writing**", organised by E&ICT Academy IIT Guwahati held from 27 January - 02 February 2025 in association with Meston Centre for Teaching and Learning, Internal Quality Assurance Cell and MCC - MRF Innovation Park, Madras Christian College.
- Attended the Naan Mudhalvan - A Massive Upskilling Faculty Development Programme on "**Employability Skills - Ethunus**" coordinated by Anna University - Centre for Faculty and Professional Development from 11 - 16 March 2024.
- Participated in the Faculty Development Programme in **Global Business Foundation Skills**, a Corporate Social Responsibility initiative, conducted by Infosys BPM Ltd. at Chennai from 30th January to 7th February, 2023.
- Participated in the Faculty Development Programme in **Recent Trends in Mathematics**, organised by the Department of Mathematics, Amrita School of Arts and Science, Kochi, during 6th - 8th July 2021.
- Successfully completed Three Days Online Faculty Development Programme on **Learning Management System (MOODLE)** held from 8-10 June 2020, organised by Sacred Heart College (Autonomous), Tirupattur.

Workshop Attended

- Participated in the Workshop on **Peace and Reconciliation** held at Kochi, from 10-12 February 2024 organised by Jesuit Higher Education of South Asia (JHEASA) and Kerala Jesuit Higher Education Commission.
- Participated in the **Online Workshop on Universal Human Values** on the theme Inculcating Universal Human Values in Technical Education during 21-25 September 2020 as organised as All India Council for Technical Education (AICTE).
- Participated in the Online Workshop on "**Strategies and Techniques for CSIR NET - Real Analysis**" from June 01 to 03, 2020 organised by PG and Research Department of Mathematics, Loyola College (Autonomous), Chennai-34..
- Participated in the Workshop on Discovering and Learning the Application of Statistics Using MS Excel held on 19 May 2020 organised by Guru Nanak Center for Research, Guru Nanak College (Autonomous), Velachery, Chennai.
- Participated in the two days online workshop on Fuzzy Logic and Neural Network Approaches for Engineering Solutions organised by Journal of Advanced Engineering Research and Powered by Hexacube India on 3rd and 4th May 2020.
- Successfully completed with the grade A in the 3 Days Online Workshop on Reference Management Tools and Online Citation Database held on 19-21 April 2020.
- Participated in the **Workshop on Mathematical Applications** conducted on 24th February 2017 at St. Joseph's College of Arts and Science (Autonomous), Cuddalore.
- Participated in the one day **National Level Workshop on "Dimensions of Social Exclusion"**, held on 31st October 2016 at Dr. Ambedkar Centre for Economic Studies, University of Madras, Chepauk, Chennai – 600 005.
- Participated in the **Workshop on Fuzzy Set Theory and its Applications (WFTA-2017)**

conducted at SRM University, Ramapuram during 09th March 2017.

- Participated in the **National Seminar on Recent Advances in Differential Equations and its Applications**, Organized by Department of Mathematics, Meenakshi College for Women, Kodambakkam, Chennai on 3rd and 4th February 2017.
- Participated in the **Workshop on Mathematical Modelling and its Applications (WMMA-2016)** organized by the Department of Mathematics, **National Institute of Technology, Meghalaya** during August 19-20, 2016.
- Participated in the **India-Taiwan Cooperation International Workshop on Intelligent Data Analysis Techniques (IWIDAT-2015)**, on 17th March 2015 at Ramanujan School of Mathematical Sciences, Pondicherry Central University, Pondicherry.
- Participated in the **Workshop on Spectral Analysis and Applications** from 14th to 16th February 2013 at Department of Mathematical and Computational Sciences, **National Institute of Technology Karnataka, Surathkal**, jointly organized by National Institute of Technology Karnataka, Surathkal and **National Board for Higher Mathematics (NBHM) DAE**, India.
- Participated in the **Workshop on “MATLAB Programming for Engineers”** on 6th October, 2012 at PG and Research Department of Mathematics, Loyola College, Chennai.

MOOCs Course Details

NPTEL

Jan 2025 - Feb 2025

MCDM Techniques Using R

4 Weeks Course

NPTEL

Feb 2022 - Apr 2022

Fuzzy Logic and Neural Networks

8 Weeks Course

NPTEL

Jan 2022 - Apr 2022

Fuzzy Sets, Logic and Systems & Applications

12 Weeks Course

Reviewer

- Reviewer - Journal of Intelligent & Fuzzy Systems
- Reviewer - Mathematics and Computational Sciences

Other Details

- Organised a Voluntary Blood Donation Camp on 12.04.2022 with a total number of 135 donars towards the needy and morbid patients of Government General Hospital in collaboration with Department of Transfusion Medicine, The Tamil Nadu Dr. MGR Medical University, Chennai-32.
- Coordinated the "World Environment Day Waste Collection Drive" from 3rd June 2022 to 5th June 2022 at LICET Campus, Chennai.