Basic Details:

- **Name:** Dr. J. SARAL
- **Designation**: AssistantProfessor
- **PhoneNumber:** 9940821054
- **EmailID:** saralj@srmist.edu.in
- **Area of Subject:** Mathematics/Graph Theory
- **Affiliation :** Department of Mathematics,SRMInstituteof Science and Technology, Ramapuram.

Educational Details:

- **Degree, University, Awarded Year**

- **Kalasalingam University**, n-CARDMATH Research Center, Krishnankoil.
  - **Ph. D., Mathematics** **Jan 2020**
- **Bharathidasan University**, St. Joseph's College, Trichy.
  - **M.Phil., Mathematics with an aggregate of 93%** **Sep 2008**

  Bharathidasan University, Trichy.
  - **M.Sc., Mathematics with an aggregate of 81%** **May 2007**
- **Bharathidasan University**, Thanthai Hans Roever College, Perambalur.
  - **B.Sc., Mathematics with an aggregate of 87%** **May2005**

Research Interests: Graph Theory

Publications:

- **S. Arumugam, J. Saral**, **Identification of Bottleneck Elements in Cellular Manufacturing** Problem, Procedia Computer Science, Volume 74, 2015, 181-185.
- **S. Arumugam, J. Saral** and **Ashwin Ganesan**, **Decomposition of bipartite graphs arising in cellular manufacturing systems**, International Journal of Soft Computing and Applications, Vol. 8, No. 2, July 2016, 28-34.

- **S. Arumugam, J. Saral**, **Minimizing the Number of Exceptional Edges in Cellular Manufacturing Problem**, Electronic Notes in Discrete Mathematics, Vol. 53, 2016, 465-472.
- **S. Arumugam, J. Saral**, Cellular Manufacturing Problem - A Graph Theoretic Approach, Bulletin of the JSME, Journal of Advanced Mechanical Design, Systems, and Manufacturing, Vol. 13, 2019.
- **B. Suganya, J. Saral**

Academic Experience:

- Working as **Assistant Professor** in SRM Institute of Science and Technology, Ramapuram, Chennai from April 2021 to till date.
- Working as a **Lecturer** in Dr**. MGR Janaki College of Arts and Science**, Chennai from July 2019 to Present.
- Worked as a **Lecturer** in **Kalasalingam Academy of Research and Education**, Krishnankoil from June 2015 to Apr 2019.
- Acted as a **Research Scholar** in **Kalasalingam Academy of Research and Education**, Krishnankoil from Jan 2010 to May 2015.
- Worked as a **Lecturer** in **Roever College of Engineering and Technology**, Perambalur from June 2009 to November 2009.
- Worked as a **Lecturer** in **Thanthai Hans Roever College**, Perambalur from August 2008 to May 2009

Other Professional Experience:

- Working as an Assistant Warden in Kalasalingam Academy of Research and Education, Krishnankoil during 2015 – 2019.

Other Details:

Achievements and Awards:

- University rank holder in UG (**Bharathidasan University** 6th **Rank**).
- Best outgoing student award winner in UG.
- Qualified **"Tamilnadu State Level Eligibility" (SLET)** Test -2017.
- Cleared "**Business English Certification" (BEC)** at Preliminary level.
- Authored numerous articles published in Journals.

Patent published:

- Published an **Indian Patent** Application No.202541013118 A, titled **"Graph-Based Multi-Robot Coordination: A Decentralized Approach Using Dynamic Graphs"** by the Controller General of Patents, Designs & TradeMarks on 15.02.2025.
- Published an **Indian Patent** Application No.202541013182 A, titled **"Graph-Based Drug Discovery: AI-Driven Molecular Interaction Analysis Using Graph Theory"** by the Controller General of Patents, Designs & TradeMarks on 15.02.2025.

NPTEL Courses Completed:

S. NO.	Course Name	Year	Status
1.	Matrix Computation and its applications	2021	Successfully Completed
2.	Transform Calculus and its Applications in Differential Equations	2022	FDP
3.	Transform Calculus and its Applications in Differential Equations		Elite + Silver
4.	Engineering Mathematics II		Elite + Silver
5.	Group Dynamics	2023	FDP
6.	Group Dynamics		Elite + Silver
7.	Transform Techniques for Engineers		Elite + Silver
8.	One Health	2024	FDP
9.	One Health		Elite +Topper+ Gold
10.	Multivariable Calculus		Elite + Silver

Programs Organized:

- **Acted as a coordinator** for poster making competition entitled "**Create Hope Through Action"** as a part of World suicide prevention day - 2022 organized by Department of Mathematics, SRM Institute of Science and Technology, Ramapuram, Chennai, India during September 05, 2022.

- **Acted as a coordinator** a math activity entitled "**MATHEMA 2023 "** organized by Department of Mathematics, SRM Institute of Science and Technology, Ramapuram, Chennai, India during October 10, 2023.
- **Acted as a coordinator** for Student competition entitled "**NUMBER NEXUS"** as a part of Mathematical tribute Srinivasa Ramanunajan organized by Department of Mathematics, SRM Institute of Science and Technology, Ramapuram, Chennai, India during December 21, 2023.
- **Acted as a coordinator** for poster making competition entitled "**Breaking Stereotypes: Redefining Roles "** as a part of National Girl Child day - 2024 organized by WGRC/ICC, SRM Institute of Science and Technology, Ramapuram, Chennai, India during January 01, 2024.
- **Acted as a coordinator** for Student competition entitled "**Integral BEE"** as a part of Mathematical tribute Srinivasa Ramanunajan organized by Department of Mathematics, SRM Institute of Science and Technology, Ramapuram, Chennai, India during December 23, 2024.

Papers Presented in international/national conferences:

- **Presented** a Paper entitled "**Cellular Manufacturing Problem** – A Graph Theoretic Approach" at the UGC Sponsored National Conference on Discrete Mathematics (NCDM 2015) held on Jan 9th and 10th, 2015 at St. Joseph College (Autonomous), Trichy, organized by the Department of Mathematics, School of computing Science, St. Joseph College (Autonomous), Trichy.
- **Presented** a Paper entitled **"Decomposition of bipartite graphs arising in cellular manufacturing systems"** at the International Workshop on Graph Algorithms (IWGA 2015) held on May 13, 2015 at University Saints Malaysia (USM), Penang, Malaysia, organized by the School of computer Science, USM.
- **Presented** a Paper entitled "**A Short Note on Distance 2-domination for some family of graphs"**at the International virtual Conference on Progress in Mathematics towards Industrial Applications (PMTIA-2021) organized by the Department of Mathematics, SRM Institute of Science and Technology, Ramapuram, Chennai during Oct 29 – 30, 2021.

- **Presented** a Paper entitled **"On (k, l)- restricted edge connectivity in graphs"** at the International virtual Conference on Progress in Mathematics towards Industrial Applications (PMTIA-2022) organized by the Department of Mathematics, SRM Institute of Science and Technology, Ramapuram, Chennai during Oct 28 – 29, 2022.
- **Presented** a Paper entitled **"A short Note On (k, l)- restricted edge connectivity in graphs"** at the International virtual Conference on Progress in Mathematics towards Industrial Applications (PMTIA-2023) organized by the Department of Mathematics, SRM Institute of Science and Technology, Ramapuram, Chennai during Oct 27 – 28, 2023.
- **Presented** a Paper entitled **"On (k, l)- restricted edge connectivity for some families of graphs"** at the International virtual Conference on Progress in Mathematics towards Industrial Applications (PMTIA-2024) organized by the Department of Mathematics, SRM Institute of Science and Technology, Ramapuram, Chennai during Oct 18 – 19, 2024.

Competitions Participated and Won

- Participated in **National Quiz, Awakening Indians to India**, conducted by All India Chinmaya Yuva Kendra, the youth wing of Chinmaya Mission on Jan 2004.
- Participated in Quiz as a part SESQUICENTENARY MATHEMATICAL OLYMPIAD organized by The Mathematics Association, St. Joseph's College, Trichy on 17th Mar 2004.
- Participated in the inter department Quiz Competition organized by Department of English, Thanthai Hans Roever College, Perambalur on 10th Mar 2004.
- **Won First Prize** in the **intercollegiate Quiz Competition** organized by Department of Mathematics, Adaikalamatha College, Thanjavur on 2005.
- Participated RDD Mathematics Olympiad-2005, organized by RDB Institute of Mathematical Science, Papanasam on 29th Jan 2005.
- Participated and **Won Second Prize** in Written Test, Quiz and Surprise Event as a part **SESQUICENTENARY MATHEMATICAL OLYMPIAD** organized by The Mathematics Association, St. Joseph's College, and Trichy on 17th Feb 2005.
- **Won Second Prize** in Essay Writing Tamil organized by Thanthai Hans Roever College, Perambalur on 2006.
- **Won Third Prize** in Quiz as a part **SESQUICENTENARY MATHEMATICAL OLYMPIAD** organized by The Mathematics Association, St. Joseph's College, Trichy on 28th Feb 2007.
- **Won Second Prize** in Master Mind (Written) –**MATRO QUIZ** organized by Department Mathematics, Thanthai Hans Roever College, Perambalur on 2007.

- Participated in State Level Quiz Contest for PG Students in Mathematics organized by Alagappa University, Karaikudi on 14th Mar 2007.

Seminars, Webinars, Workshops and Conferences Attended:

- Attended the summer school in Algebra and its applications conducted by the Department of Mathematics, Algappa University, Karaikudi from 22nd May to 9th June 2006.
- Attended the one day seminar on E-learning Resources for Academic Research held on 2nd Feb 2008 organized by St. Joseph's College, Trichy.
- Attended the Platinum Jubilee 75th Annual Conference of the Indian Mathematical Society organized by n-CARDMATH, Kalasalingam University during Dec 27-30, 2009.
- Attended the Instructional Workshop on Graph Theory organized by the Department of Mathematics, Annamalai University during from 29th Dec 2009 to 11th Jan 2010.
- Attended the Instructional Workshop on Graph Algorithms organized by n-CARDMATH, Kalasalingam University during Feb 17-24, 2010.
- Attended the Workshop on Introduction to Graph Algorithms organized by n-CARDMATH, Kalasalingam University during Feb 3-6, 2010.
- Attended the Instructional Workshop on Graph Colorings organized by n-CARDMATH, Kalasalingam University during Mar 10-15, 2010.
- Attended the Instructional Workshop on Mathematical Modeling and Simulation organized by n-CARDMATH, Kalasalingam University during July 07-14, 2010.
- Attended the National Conference on Theoretical Computer Science and Discrete Mathematics (NCTCSDM 2012) jointly organized by n-CARDMATH, Kalasalingam University and Department of Computer Science, Ball State University, Muncie, USA during Jan 09-11, 2012.
- Attended the 23rd International Workshop on Combinatorial Algorithms (IWOCA 2012) organized by n-CARDMATH, Kalasalingam University during July 19-21, 2012.
- Attended the one day seminar on Advances in Gamma spectrometry using Photomultipliers organized by n-CARDMATH, Kalasalingam University on 18th Sep 2012.
- Attended the International Workshop on Domination in Graphs organized by n-CARDMATH, Kalasalingam University from 27th Jan to 1st Feb 2014.
- Attended the International Workshop on Graph Labeling Problems organized by n-CARDMATH, Kalasalingam University from Feb 5-11, 2014.
- Attended the International Workshop on Graph Theory and its Applications to Visual Cryptography organized by n-CARDMATH, Kalasalingam University from Mar 10-15, 2014.

- Participated the Faculty Development Program on Art of Counseling organized by Center for Learning Technology and Department of Business Administration, Kalasalingam Academy of Research and Education from Nov 16-18, 2016.
- Participated the Faculty Development Program on Teaching with Technologies organized by Center for Learning Technology, Kalasalingam Academy of Research and Education from Apr 04, 2018.
- Participated the Faculty Development Program on Advanced Teaching and Learning Methodologies organized by Center for Learning Technology and Department of Social Work, Kalasalingam Academy of Research and Education from Aug 29-31, 2018.
- Participated the Faculty Development Program on Recent Trends in Engineering Mathematics organized by Department of Mathematics, School of Advanced Sciences, Kalasalingam Academy of Research and Education from Dec 19-21, 2018.
- Attended the National Conference on Advances in Mathematical and Applied Sciences organized by Department of Mathematics, Dr. MGR Janaki College of Arts and Science for Women, Chennai during Sep 27, 2019.
- Attended the Training Program on Work Life Harmony conducted by Anna Institute of Management, Administrative Training Institute, Govt. of Tamil Nadu, Chennai during Aug 17, 2019.
- Attended the State Level Technical Workshop on Intellectual Property Rights organized by Tamilnadu State Council for Science and Technology Patent Information Center, Govt. of Tamil Nadu, Chennai and Dr. MGR Janaki College of Arts and Science for Women, Chennai supported by Department of Science and Technology, Govt. of India, Delhi during Dec 12-13, 2019.
- Attended the Webinar on Enhancing Interpersonal Skills organized by Department of Psychology, Dr. MGR Janaki College of Arts and Science during May 30, 2020.
- Attended the National Webinar on Theory of Graphs – An Emerging Field of Research organized by PG and Research Department of Mathematics, Thiagarajar College, Madurai during June 20, 2020.
- Attended the International National Webinar on Special Functions and Discrete Mathematics organized by Department of Mathematics, University of Kerala during Aug 02 - 05, 2020.
- Attended the online FDP on Discrete Mathematics, Graph Theory and it's Applicationsorganized by Department of Applied Sciences & Humanities in association with IQAC, Universal Engineering College, Vallivattom, Thrissur during Aug 17 - 21, 2020.
- Attended the online National Lecture Series on Graph Theory and it's Applicationsorganized by Postgraduate and Research Department of Mathematics, Mar Thoma College, Tiruvalla in collaboration with Kerala Mathematical Association (KMA) during Aug 19 - 21, 2020.

- Attended the Two days International Webinar on Fuzzy & Neutrosophic Systemsorganized by Department of Mathematics, Bodoland University, BTAD, Assam, India during Aug 21 - 22, 2020.
- Attended the International Conference on Graph Labeling and Applications ICGLA - 2020organized by Department of Mathematics, Goa University, Goa, India during Sep 17 - 19, 2020.
- Attended the International Virtual Conference on Progress in Mathematics towards Industrial Applications (PMTIA - 2020) organized by Department of Mathematics, SRM Institute of Science and Technology, Ramapuram, Chennai, India during Nov 06 - 07, 2020.
- Attended a Two – Day FDP on the Current Scenario in Applied Mathematics organized by Department of Science and Humanities, Hindusthan College of Engineering and Technology, Coimbatore, India during Apr 23 - 24, 2021.
- Attended the Virtual Workshop on Industrial Mathematics with Data Science for Industry 4.0 organized by Department of Mathematics, SRM Institute of Science and Technology, Ramapuram, Chennai, India during Apr 28 - 30, 2021.
- Participated the Six days STTP on Innovative Tools for Mathematics organized by Department of Science and Humanities, Hindusthan College of Engineering and Technology, Coimbatore, India during May 03 - 08, 2021.
- Attended an Expert talk on Digital Pedagogy and Learning Analytics organized by Department of Mathematics, SRM Institute of Science and Technology, Ramapuram, Chennai, India during May 08, 2021.
- Attended the Five days International Webinar on Recent Trends in Applied Mathematics organized by Department of Mathematics, SRM Institute of Science and Technology, Ramapuram, Chennai, India during May 24 - 28, 2021.
- Participated the Online National Conference on Mathematical Analysis and Computing (NCMAC – 2021) organized by Department of Mathematics, Sree Sevugan Annamalai College, Sivagangai, India during May 28, 2021.
- Attended a Motivational talk on Discover Your Creativity organized by Department of Mathematics, SRM Institute of Science and Technology, Ramapuram, Chennai, India during May 29, 2021.
- Attended an Expert talk on Impact of Mathematics on Computer Applications organized by the Department of Mathematics, SRMIST, Ramapuram, Chennai during June 12, 2021.
- Attended the National Level Webinar on Mathematical Software Work Shop organized by the Department of Applied Sciences and Humanities in association with Mathematics Club, Universal Engineering College, Vallivattom, Kerala during June 02 - 06, 2021.

- Participated the One day FDP on IOT in Smart City Applications organized by Department of Science and Humanities, Hindusthan College of Engineering and Technology, Coimbatore, India during June 05, 2021.
- Attended an Expert talk as part of International Yoga Day "Yoga to Boost Immunity" organized by the Department of Mathematics, SRM Institute of Science and Technology, Ramapuram, Chennai during June 21, 2021.
- Completed the E-Quiz on YOGA with the score of 85% organized by PG and Research Department of Tamil and Ek Bharat Shreshtha Bharat Club, Government Arts and Science College, Kangeyam during June 21 – 24, 2021.
- Attended an Expert talk on Mathematics in Walks Of Life organized by the Department of Mathematics, SRM Institute of Science and Technology, Ramapuram, Chennai during June 26, 2021.
- Attended an Expert talk On the Sample Survey as part of National Statistics Day organized by the Department of Mathematics, SRM Institute of Science and Technology, Ramapuram, Chennai during June 29, 2021.
- Attended Faculty Development Programme on "Introduction to R- programming" organized by the Department of Mathematics, SRM Institute of Science and Technology, Ramapuram, Chennai during June 30, 2021.
- Participated the Five Days e-Workshop on LaTeX organized by the Department of Mathematics, School of Science, GITAM, Bengaluru, India during July 05 – 09, 2021.
- Attended the Motivational Talk on Going beyond Your Belief System organized by the Department of Mathematics, SRM Institute of Science and Technology, Ramapuram, Chennai during July 10, 2021.
- Attended the Ten Days International Virtual FDP Frontiers of Mathematics organized by the Department of Mathematics, SRM Institute of Science and Technology, Ramapuram, Chennai during July 19 – 28, 2021.
- Participated the Indian Council of Social Science Research sponsored 5 days National Webinar on Virtual Education – Interactive and Inclusive Aspects organized by Pillai College of Engineering, New Panvel in collaboration with English Language Teachers Association of India (ELTAI) and Engineering Mathematics Teacher Society of India (EMTSI) during Aug 26 – 30, 2021.
- Attended the Two Days Workshop on Blended Learning through E-Assessment: Moodle organized by the Department of Mathematics, SRM Institute of Science and Technology, Ramapuram, Chennai during Aug 12 – 13, 2021.

- Attended an Invited talk on Role of Mathematics in Creative Thinking as part of Teacher's Day Celebration organized by the Department of Mathematics, SRM Institute of Science and Technology, Ramapuram, Chennai during Sep 04, 2021.
- Participated a 40 hours Online FDP on Data Sciences Using AI and Soft Computing Techniques sponsored by Ministry of Electronics and Information Technology (MeitY) GoI, organized by E & ICT Academy, NIT Warangal and SRM Institute of Science and Technology, Ramapuram, Chennai during Sep 18 – 27, 2021.
- Attended an Expert talk on Mental Health for all as part of World Mental Health Day, organized by the Department of Mathematics, SRM Institute of Science and Technology, Ramapuram, Chennai during Oct 09, 2021.
- Participated at the International virtual Workshop on Structural Mathematics using Graph Theory organized by the Department of Mathematics, SRM Institute of Science and Technology, Ramapuram, Chennai during Dec 13 – 15, 2021.
- Attended an expert talk on Number theory & its Applications as part of Ramanujan Day – 2021 organized by the Department of Mathematics, SRM Institute of Science and Technology, Ramapuram, Chennai during Dec 22 – 23, 2021.
- Attended an expert talk on Empowering Girl Children to ensure Gender Equality as part of National Girl Child Day – 2022 organized by the Department of Mathematics, SRM Institute of Science and Technology, Ramapuram, Chennai during Jan 24, 2022.
- Participated in the online Faculty Development Programme on Stress Management conducted by IEEE Student Branch, Sathyabama Institute of Science and Technology during Jan 24 – 29, 2022.
- Attended a One Day International Virtual Workshop on Introduction to Mathematical Ecology organized by the Department of Mathematics, SRM Institute of Science and Technology, Ramapuram, Chennai during Feb 04, 2022.
- Attended a Leadership Talk on Be a Leader organized by the Department of Mathematics, SRM Institute of Science and Technology, Ramapuram, Chennai during Feb 19, 2022.
- Attended the Three Days International Virtual Workshop on Mathematical Techniques in Fluid Dynamics organized by the Department of Mathematics, SRM Institute of Science and Technology, Ramapuram, Chennai during Mar 28 – 30, 2022.
- Participated an One Week FDP on Applications of Advanced Computing Techniques in Electronics Engineering organized by the Department of Electronics and Engineering, Meerut Institute of Engineering and Technology, Meerut in association with Design Tech, Math Works and AICTE IDEA Lap during Mar 02 – 06, 2022.

- Participated the First International Conference on Advanced Intelligence and Innovations in Mechanical Sciences (AIIMS - 1.0) organized by the Department of Mechanical Engineering, SRM Institute of Science and Technology, Ramapuram Campus, Chennai during Apr 08, 2022.
- Participated the 5 Days Faculty Development Programme on Pedagogy about Software Development in Mathematics organized by the Department of Mathematics, School of Basic Sciences, VELS Institute of Science, Technology and Advanced Studies (VISTAS) during 18 – 22, 2022.
- Attended an Expert Talk on E-Content Development - A Step towards MOOC organized by the Department of Mathematics, SRM Institute of Science and Technology, Ramapuram, Chennai during Apr 23, 2022.
- Attended an Awareness Program on Health and Hygiene for Women organized by the Women's Grievances & Redressal Cell, SRM Institute of Science and Technology, Ramapuram, Chennai during May 14, 2022.
- Attended Fifteen Days International Virtual FDP Frontiers of Mathematics organized by the Department of Mathematics, SRM Institute of Science and Technology, Ramapuram, Chennai, India in association with 1 Decembrie 1918 University of Alba Iulia, Romania during May 19 – June 02, 2022.
- Attended an expert talk Yoga for Humanity organized by the Department of Mathematics, SRM Institute of Science and Technology, Ramapuram, Chennai as part of International Yoga Day during June 21, 2022.
- Participated an one week workshop on Hands-on-Training on Solving Differential Equations in Engineering Sciences organized by the Department of Mathematics, National Institute of Technology, Uttarakhand during June 21 – 25, 2022.
- Participated the Two-week Multidisciplinary International Faculty Development Programme on Research Methodology organized by the Department of English & other Foreign Languages, SRM Institute of Science and Technology, Ramapuram, Chennai during June 06 – 21, 2022.
- Attended an expert talk Technology Enabled Learning for 21st Century Students organized by the Department of Mathematics, SRM Institute of Science and Technology,, Ramapuram, Chennai exclusively for School Principal & Teachers during July 16, 2022.
- Attended an expert talk on Personal Development - Looking Inward and focusing on ways to better yourself organized by the Department of Mathematics, SRM Institute of Science and Technology, Ramapuram, Chennai exclusively for School Principal & Teachers during July 23, 2022.
- Participated in One Week International Faculty Development Programme on Innovative Mathematical Techniques in Research conducted by the Department of Mathematics, Sathyabama Institute of Science and Technology, Chennai during 1st to 6th August ,2022

- Attended an expert talk carving your Career organized by the Department of Mathematics, SRM Institute of Science and Technology, Ramapuram, Chennai exclusively for Teachers during Aug 06, 2022.
- Attended an expert talk Ways to Handle Life`s Stressors organized by the Department of Mathematics, SRM Institute of Science and Technology, Ramapuram, Chennai exclusively for Students and Teachers on Aug 13, 2022.
- Attended a Virtual Workshop on Reliability Modeling and its Applications organized by the Department of Mathematics, SRM Institute of Science and Technology, Ramapuram, Chennai during Aug 24 – 26, 2022.
- Participated a Two Week Online International FDP on Current Trends in Applications of Mathematics organized by the Department of Mathematics, School of Sciences and Humanities, Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Avadi, Chennai – 62, Tamil Nadu, India during Sep 24 – Oct 04, 2022.
- Attended an expert talk on Number theory & its Applications as part of Ramanujan Day – 2022, organized by the Department of Mathematics, SRMIST, Ramapuram, Chennai during Dec 23, 2022.
- Attended an Awareness Program on Sexual Harassment of Women at Workplace – Prevention, Prohibition and Redressal, organized by the Internal Complaints Committee & WGRC, SRM Institute of Science and Technology, Ramapuram, Chennai during Dec 09, 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, SRM Institute of Science and Technology, Ramapuram, Chennai during Jan 24, 2023.
- Attended the Three Days International Virtual Workshop on Applied Mathematics, organized by the Department of Mathematics, Faculty of Engineering and Technology, SRM Institute of Science and Technology, Ramapuram, Chennai during Feb 06, 2023.
- Attended a Series of Talks Reaching beyond limits: Voices of the other as part of International Women's Day Celebrations – 2023, organized by the Women's Grievances & Redressal Cell, Faculty of Engineering and Technology, SRM Institute of Science and Technology, Ramapuram, Chennai during March 01 – 08, 2023.
- Attended an International Virtual Webinar on Introduction to Normed Linear Spaces organized by the Department of Mathematics, SRM Institute of Science and Technology, Ramapuram, Chennai during Apr 03, 2023.

- Attended an International Virtual Workshop on Mathematical Modeling of Oncolytic Virotherapy, organized by the Department of Mathematics, SRM Institute of Science and Technology, Ramapuram, Chennai during Apr 24, 2023.
- Attended an expert talk on The right step to a purposeful YOU organized by the Department of Mathematics, SRM Institute of Science and Technology, Ramapuram, Chennai exclusively for Students, Parents and Teachers during May 13, 2023.
- Attended an expert talk on Coping with Failure organized by the Department of Mathematics, SRM Institute of Science and Technology, Ramapuram, Chennai exclusively for Students, Parents and Teachers during June 01, 2023.
- Attended an expert talk Yoga for Humanity organized by the Department of Mathematics, SRM Institute of Science and Technology, Ramapuram, Chennai as part of International Yoga Day during June 21, 2023.
- Attended an expert talk Multi-Criteria Decision Making Approaches: Some Case Studies organized by the Department of Mathematics, SRM Institute of Science and Technology, Ramapuram, Chennai as part of National Statistics Day during June 29, 2023.
- Attended the Fifteen Days International Virtual FDP Frontiers of Mathematics organized by the Department of Mathematics, SRM Institute of Science and Technology, Ramapuram, Chennai during July 05 – 19, 2023.
- Participated the Two – Days Online Hands – on Workshop to Unlock its Power organized by Indian Mathematics Professors Association and Infinity Research & Development Institute, Coimbatore during Aug 13 – 14, 2023.
- Attended an expert talk Maxims of Teaching organized by the Department of Mathematics, SRM Institute of Science and Technology, Ramapuram, Chennai as part of Teacher's Day during September 04, 2023.
- Participated the Two – Days International Virtual Workshop on Role of Mathematics in Machine Learning organized by the Department of Mathematics, SRM Institute of Science and Technology, Ramapuram, Chennai as part of Teacher's Day during September 04 – 05, 2023.
- Attended an Expert talk on Mental Health, A Universal Human Right organized by the Department of Mathematics, SRM Institute of Science and Technology, Ramapuram, Chennai as a part of World Mental Health Day, during October 10, 2023.
- Attended a certificate of completion on ChatGPT and AI Hacks with MS Office organized by the Skill Nation during November 25, 2023.

- Attended the series of lectures on Infinite Insights : Unveiling Mathematical Marvels organized by the Department of Mathematics, SRM Institute of Science and Technology, Ramapuram, Chennai as a part of Mathematics Week "A Mathematical Tribute to Srinivasa Ramanujan", during December 18 – 21 , 2023.
- Attended a Workshop on Vedic Mathematics organized by the Department of Mathematics, SRM Institute of Science and Technology, Ramapuram, Chennai as a part of Mathematics Week "A Mathematical Tribute to Srinivasa Ramanujan", during December 22, 2023.
- Attended an Expert talk on Empowering Voices: Understanding the Realities of Violence against Children organized by the Women's Grievances & Redressal Cell & ICC, Faculty of Engineering and Technology, SRM Institute of Science and Technology, Ramapuram, Chennai as a part of World National Girl Child Day 2024 during January 24, 2024.
- Attended an Expert talk on Artificial Intelligence and its Applications in Defense organized by the Department of Mathematics, SRM Institute of Science and Technology, Ramapuram, Chennai as a part of National Science Day, during February 28, 2024.
- Participated the Five Days Virtual FDP on Frontiers of Mathematics organized by the IQAC and Department of Mathematics, Sri Kanyaka Parameswari Arts and Science College for Women, Chennai during February 19 – 23, 2024.
- Attended an Expert talk on Personalized Pathways organized by the Department of Mathematics, SRM Institute of Science and Technology, Ramapuram, Chennai as a part of National Science Day, during May 25, 2024.
- Attended an Expert talk on Reaching the Success and Coping with the Failure organized by the Department of Mathematics, SRM Institute of Science and Technology, Ramapuram, Chennai during August 16, 2024.
- Attended an International Virtual Workshop on The Equation of Intelligence : Exploring the Fusion of Mathematics and AI organized by the Department of Mathematics, SRM Institute of Science and Technology, Ramapuram, Chennai during August 23-24, 2024.
- Attended an Expert talk on Recent trends in machine learning and its application organized by the Department of Mathematics, SRM Institute of Science and Technology, Ramapuram, Chennai during September 28, 2024.
- Participated the Five Days Virtual FDP on Recent Frontiers in Pure & Applied Mathematics organized by the IQAC and Department of Mathematics, Kongunadu Arts and Science College (Autonomous) under DBT Star College Scheme during November 11 – 15, 2024.

- Attended an International Guest Lecture on What is Gaussianity in Noncommutative Probability? and, Why do we Care? organized by the Department of Mathematics, SRM Institute of Science and Technology, Ramapuram, Chennai during November 29, 2024.
- Participated the Two Days workshop on Harnessing the Mathematician's New Toolkit KNIME for Advanced Data Analytics & Modeling organized by Indian Mathematics Professors Association and Infinity Research & Development Institute, Coimbatore during December 20 – 21, 2024.
- Attended the Series of Lectures on Infinite Insights : Unveiling Mathematical Marvels organized by the Department of Mathematics, SRM Institute of Science and Technology, Ramapuram, Chennai during December 18– 21, 2024.
- Attended the online International FDP on Recent Trends in Graph Theory organized by the Department of Science and Humanities, DMI College of Engineering, Chennai during March 03– 07, 2025.
- Participated the Seven Days FDP on Advances in Nonlinear Dynamics and Applications in Engineering (ANDAE-2025), organized by the Department of Mathematics, SRM Institute of Science and Technology, Ramapuram, Chennai during April 21– 28, 2025.
- Participated the Workshop on Python Essentials for students and Young Researchers: A Hands - on one day workshop with Google Colab, organized by the MathTech Thinking Foundation during May 18, 2025.
- Attended an Expert Talk on SUDOKU NUMBER OF A GRAPH, organized by the Department of Science and Humanities, the Department of Mathematics, SRM Institute of Science and Technology, Ramapuram, Chennai during May 31, 2025.
- Attended an Expert Talk on Need of Fuzzy Numbers in Grading System, organized by the Department of Science and Humanities, the Department of Mathematics, SRM Institute of Science and Technology, Ramapuram, Chennai during June 13, 2025.
- Participated the International Workshop on Graph Algorithms - 2025 (IWGA - 25), organized by the Department of Mathematics, Presidency University, Bengaluru during June 26 - 28, 2025.

Membership: IAENG Membership, Membership Number: 37975