CURRICULUM VITAE

NAME	:	S. MONIKANDAN (சிவராமகிருஷ்ணன் மணிகண்டன்)
DESIGNATION	:	PROFESSOR AND HEAD
INSTITUTION	:	Department of Mathematics
		Manonmaniam Sundaranar University
		Tirunelveli 627 012
		Tamil Nadu, India.
		Contact: 0462-2563333 (O) MOBILE: 9751115699
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DATE OF BIRTH	:	30th July 1974

ORCID   http://orcid.org/ 0000-0001-9805-2914

WEB OF SCIENCE   http://www.webofscience.com/wos/author/record/P-4424-2017

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GOOGLE SCHOLAR   https://scholar.google.com/citations?hl=en&user=l2vLSEEAAAAJ

VIDWAN   https://vidwan.inflibnet.ac.in/profile/371369

RESEARCH GATE   https://www.researchgate.net/profile/S-Monikandan

INFLIBNET   https://shodhganga.inflibnet.ac.in/browse?type=author&order=ASC&rpp=20&value=Monikandan+S

ACADEMIC QUALIFICATIONS

Ph.D. (Mathematics)	Manonmaniam Sundaranar University, 2006
UGC-NET (Mathematics)	CSIR, 2001
M.Phil. (Mathematics)	Madurai Kamaraj University, 1999
M.Sc. (Mathematics)	Manonmaniam Sundaranar University, 1998
B.Sc. (Mathematics)	Manonmaniam Sundaranar University, 1996

ACADEMIC ACHIEVEMENTS

1. **My paper** with my Ph.D. scholar (P. Devi Priya) entitled "A Reduction of the Reconstruction Conjecture" has **won Runner up – II** of "**Dr. K. V. Rao Research Awards**" for the year 2019 in Mathematics in the **19th Annual Award Competition** conducted by **Dr. K. V. Rao Scientific Society, Hyderabad** and my scholar has won YOUNG SCIENTIST AWARD of citation 2018-2019 for her outstanding achievements in Mathematics. This comprises of a citation, memento and a cash award of **Rs. 10,000/-.** **A mathematics scholar from IISc, Bangalore has won the winner prize in the competition.**

2. **Second Rank** holder in the **National level Second S.E.R.C. Summer School on Special Functions and Functions of Matrix argument** (School Directors : Dr. A. M. Mathai (Montreal University, Canada) and Dr.K.S.S. Nambooripad) held at Centre for Mathematical Sciences, Trivandrum, during 29th May to 30th June, 2000 (33 days).

3. **Second Rank** holder in the Ayya Nadar Janaki Ammal College (Autonomous), Sivakasi in **M.Phil. Mathematics.**

4. **University 10th Rank** holder and the **College First Rank** holder (Vivekananda College, Kanyakumari) in **M.Sc. Mathematics.**

5. Recipient of **CSIR – Senior Research Fellowship**.

6. Recipient of **Junior Research Fellowship** sponsored by **the Department of Science and Technology, Govt. of India, New Delhi** for 3 ½ years.

FILED OF SPECIALIZATION : Graph Theory/ Topology

AREA OF RESEARCH : Isomorphism Problems
(**Ulam's Conjecture** / **Reconstruction Conjecture**)

FACULTY PLACEMENT

July 2022 to till date   Professor and Head
Manonmaniam Sundaranar University
Tirunelveli -627 012, Tamilnadu. INDIA

December 2021 to till date   Professor
Manonmaniam Sundaranar University
Tirunelveli -627 012, Tamilnadu. INDIA

December 2018 to Nov 2021   Associate Professor
Manonmaniam Sundaranar University
Tirunelveli -627 012, Tamilnadu. INDIA

November 2010 to Nov 2018	Assistant Professor Manonmaniam Sundaranar University Tirunelveli -627 012, Tamilnadu. INDIA
October 2005 to September 2010	Assistant Professor, Annamalai University Chidambaram, Tamilnadu. INDIA
July 2000 to October 2001	Lecturer, Rev. Jacob Memorial Christian College Dindigul Dist., Tamilnadu. INDIA

ADMINISTRATIVE PLACEMENT

Aug. 2023 to till date	Coordinator, B.Sc./M.Sc Mathematics DD&CE -- PCP Programme Manonmaniam Sundaranar University
Feb. 2011 to Aug. 2019	Coordinator, B.Sc./M.Sc Mathematics DD&CE -- PCP Programme Manonmaniam Sundaranar University
MAY 2019 TO NOV. 2019	CHAIRPERSON BOS- BSc. Mathematics in Affiliated Colleges Manonmaniam Sundaranar University

TITLE OF RESEARCH DISSERTATIONS

Ph.D. Dissertation	**:**	Graph Theory Problems Related to Ulam's Conjecture
M.Phil. Dissertation	**:**	A Study on the Reconstructible Properties of Graphs

RESEARCH PUBLICATIONS

TOTAL (PUBLISHED/ACCEPTED)	**:**	**53**	**(LIST ENCLOSED AS ANNEXURE I)**
NATIONAL	**:**	10	
INTERNATIONAL	**:**	**43**	

PAPERS PUBLISHED IN SCIENCE CITATION INDEX (SCI) JOURNALS   : 18
PAPERS REVIEWED IN AMERICAN MATHEMATICAL SOCIETY- MATHEMATICAL REVIEW : 30

MAJOR RESEARCH PROJECT   **COMPLETED : 2**   **ONGOING : 1**
 COMPLETED

1. Funding Agency : DST, New Delhi
    Title : Reconstruction of Graphs and N-reconstruction of Digraphs
    Principal Investigator : **Dr.S. Monikandan**
    Sanctioned Amount : **Rs.8,99,280/-**
    Number : SR/S4/MS:628/09

2. Funding Agency : DST, New Delhi
    Title : Reconstruction of Graphs and Digraphs from (Degree Associated) subgraphs
    Principal Investigator : **Dr.S. Monikandan**
    Sanctioned Amount : **Rs.9,93,300/-**
    Number : EMR/2016/000157

ONGOING

3. Funding Agency : National Board for Higher Mathematics, Mumbai
    Title : Ulam's Conjecture in Graph Theory
    Principal Investigator : **Dr.S. Monikandan**
    Sanctioned Amount : **Rs.16,30,400/-**
    Period : **2022 – 2025**
    Number : 02011/14/2022/NBHM(R.P)/R&D II/10491

RESEARCH GUIDANCE

1. Number of students awarded Ph.D **:** **10**
2. Number of students submitted Ph.D **:** **0**
3. Number of students doing Ph.D **:** **5**
4. Number of students awarded M.Phil.**:** **30**

TEACHING EXPERIENCE

Research : **24** years
Teaching P.G. : **21** years
U.G : **22** years

BOOKS WRITTEN

PUBLISHED : **3**

TITLE	:	STRUCTURES OF GRAPHS FROM RINGS
PUBLISHER	:	UNIVERSITY PUBLICATION, M.S.UNIVERSITY, 2018.
CO-AUTHORS	:	T. TAMIZH CHELVAM, K. SELVAKUMAR

TITLE	:	RECENT ADVANCES IN GRAPH RECONSTRUCTION
PUBLISHER	:	LAMBERT ACADEMIC PUBLISHING, GERMANY, 2014.
ISBN	:	978-3-659-61383-8
CO-AUTHORS	:	J. BALAKUMAR

TITLE	:	DEGREE ASSOCIATED RECONSTRUCTION NUMBER OF GRAPHS
PUBLISHER	:	LAMBERT ACADEMIC PUBLISHING, GERMANY, 2019.
ISBN	:	978-613-9-57926-6

A CHAPTER IN A BOOK

CHAPTER TITLE	:	RECONSTRUCTION OF GRAPHS
TITLE OF THE BOOK	:	GRAPH THEORY
PUBLISHER	:	INTECH OPEN, LONDON, 2021.
EDITOR	:	HARUN PIRIM

NUMBER OF CONFERENCES/WORKSHOPS/SUMMER SCHOOLS/SEMINARS ATTENDED : 80

AS RESOURCE PERSON	:	17
AS PARTICIPANT	:	49
AS COORDINATOR	:	17

MEMBERSHIP IN ACADEMIC BODIES

➢ Life Member of Academy of Discrete Mathematics of India.
➢ Member of Indian Science Congress.
➢ Reviewer for Mathematical Reviews of American Mathematical Society.
➢ Refereed research papers for the following Journals:

1. Discrete Mathematics (Elsevier)
2. Discrete Applied Mathematics (Elsevier)
3. Taiwanese Journal of Mathematics
4. Journal of Discrete Algorithms (Elsevier)
5. ARS Combinatoria
6. Transactions on Combinatorics
7. Journal of Algorithms and Computation
8. AKCE Int. Journal of Graphs and Combinatorics
9. Discrete Mathematics, Algorithms and Applications
10. Discussiones Mathematica Graph Theory

RESEARCH PUBLICATIONS

Total Publications	**:**	**54**
International	**:**	**44**
National	**:**	**10**

PAPERS PUBLISHED IN SCIENCE CITATION INDEX (SCI/SCIE) JOURNALS : 19
PAPERS REVIEWED IN AMERICAN MATHEMATICAL SOCIETY MATHEMATICAL REVIEWS : 34

SCI/SCIE JOURNALS : 19

1. A. Anu and S. Monikandan, The Degree Associated Edge Reconstruction Number of Bidegreed Graphs is at most Four, *Ars Combinatoria* **(accepted Feb. 2025)**

2. S. Devi and S. Monikandan, Recognition of finite topological spaces with no isolated point, *Soft Computing* 27 (2023), 12049–12056. **(SCIE- Journal) (IF 3.2)** https://link.springer.com/article/10.1007/s00500-023-08773-x

3. S. Monikandan and A. Anu, Reconstruction Number of Graphs with Unique Pendant Vertex, *Discrete Applied Mathematics* 31 (2021), 357-365 **(Elsevier)** **(SCI –Journal) (IF 0.983)** https://doi.org/10.1016/j.dam.2020.06.005 **MR4327379**

4. P. Anusha Devi and S. Monikandan, Graphs with Arbitrarily Large Adversary Degree Associated Reconstruction Number *AKCE Int. J. Graphs and Combin*, *.* Vol. 17 (3) (2020), 1045-1051. **doi.org/10.1016/ j.akcej.2019.12.022**. **(SCIE- Journal) (IF 0.8)**

5. N. Kalaimathi and S. Monikandan, Degree Associated Edge Reconstruction Number of Split Graphs with Biregular Independent Set is one, *AKCE Int. J. Graphs and Combin.* Vol. 17 (3) (2020), 771-776. **doi.org/10.1016/ j.akcej.2019.12.009**. **(SCIE- Journal) (IF 0.8) MR4181571**

6. Anu, A and Monikandan, S.: Nearly all biregular graphs have degree associated edge reconstruction number at most three, *Ars Combinatoria*, 147 (2019) 263-280 **(SCIE – Journal) (IF 0.259) MR4221178**

7. S. Monikandan and N. Kalai Mathi, On the Strong Reconstruction of Nearly Trees *Ars Combinatoria*, preprint, 2019. **(SCIE –Journal) (IF 0.259)**

8. P. Devi Priya and S. Monikandan, Distance hereditary graphs G of connectivity two or three and diam(G) = diam(G) = 3 are reconstructible, *Indian Journal of Pure and Applied Mathematics* 50 (2) (2019), 477-484. **(SCI –Journal) (IF 0.5)** https://doi.org/10.1007/s13226-019-0339-2 MR3954538

9. P. Devi Priya and S. Monikandan, Reconstruction of distance hereditary 2-connected graphs, *Discrete Mathematics* **(Elsevier)** 341 (2018), 2326–2331.

(SCI –Journal) (IF 0.639) MR3810280 https://doi.org/10.1016/j.disc.2018.05.003 **MR3810280**

10. Anusha Devi, P., and Monikandan, S.,: Degree Associated Reconstruction Parameters of Total Graphs, *Contributions to Discrete Mathematics*, Vol. 12 (2) (2017), 77-90. **IF-0.28 (SCIE –Journal) MR3739055**

11. Anusha Devi, P., and Monikandan, S.,: Degree Associated Reconstruction Number of Graphs with Regular Pruned Graph, *Ars Combinatoria*, 134 (2017) 29-41.(IF 0.259) **(SCIE –Journal) MR3677149**

12. Anusha Devi, P., and Monikandan, S.,:Degree Associated Reconstruction Number of Certain Connected Digraphs with Unique End vertex, *Australasian J. Combinatorics,* Vol. 66 (3) (2016), 365–377. (IF 0.4)

13. Monikandan, S., and Balakumar, J.,: On pairs of graphs having n-2 cards in common, *Ars Combinatoria* 124 (2016) 289-302. **(IF** 0.268**) (SCIE –Journal) MR3468815**

14. Monikandan, S., and Balakumar, J.,: A Reduction of The Graph Reconstruction Conjecture, *Discussiones Mathematicae Graph Theory*, Vol. 34, No. 3 (2014), 529-537. **(IF 0.282) (SCIE –Journal) MR3227045** https://doi.org/10.7151/dmgt.1746

15. Ramachandran, S., and Monikandan, S.,: Pairs of graphs having n-2 cards in common, *Ars Combinatoria*, 112 (2013) 213-224 **(IF** 0.204**)   (SCIE –Journal) MR3112577**

16. Ramachandran, S., and Monikandan, S.,: A sufficient condition for Set Reconstruction, *Ars Combinatoria,* 91 (2009), 439 – 446. **MR# 2010f:05126   (IF** 0.396**) (SCIE –Journal)**

17. Ramachandran, S., and Monikandan, S.,: Graphs with n-3 isomorphic vertex-deleted subgraphs, and their reconstructibility, *Utilitas Mathematica,* 75 (2008), 225 – 248. **MR# 2009f:05184. (IF 0.707) (SCIE –Journal)**

18. Ramachandran, S., and Monikandan, S.,: All graphs are set-reconstructible if all 2-connected graphs are set-reconstructible, *Ars Combinatoria,* 83 (2007), 341 – 352. **MR# 2007m:05170 (IF** 0.315**) (SCIE –Journal)**

19. Ramachandran, S., and Monikandan, S.,: All digraphs are N-reconstructible if all digraphs with 2- connected underlying graphs are N-reconstructible, *Utilitas Mathematica* 71 (2006), 225 – 234. **MR 2278835** (IF 0.707)   **(SCIE –Journal)**

OTHER JOURNALS BUT IN SCOPUS / WoS : 26

1. S. Devi and S.Monikandan, Recognition of finite bitopological spaces with unique isolated point, **Sahand Communications in Mathematical Analysis** (2024) (Accepted)

2. V. Manikandan and S. Monikandan, C_5-Free Nonsplit graphs with split maximal induced subgraphs, **J. Indones. Math Soc**, 23(02) (2023) 217-234 . **(IF 0.5)**

3. A. Josephine Shilpa Devi and S. Monikandan, Reconstruction of Topological spaces from n points deleted subspaces, *J. Adv. Math. Stud.* 16 (1) (2023), 01-14. **MR4678423**

4. P. Anusha Devi and S. Monikandan, Degree Associated Edge Reconstruction Parameters of Strong Double Brooms, *Journal of Automata, Languages and Combinatorics* 27*(2022), 259-269* **(IF 0.486)** *. DOI: 10.25596/jalc-2022-259. MR4526295*

5. P. Devi Priya and S. Monikandan, Reconstruction of 2-connected parity graphs, *Australasian J. Combinatorics* 80 (2) (2021), 167–177 (IF 0.4) . MR4284754

6. A. Anat Jaslin Jini and **S. Monikandan**, Reconstruction Number of Finite Topological Spaces with unique Isolated Point, *Acta Universitatis Apulensis* No. 65 (2021), 89-110.

7. P. Devi Priya and S. Monikandan, Stronger reconstruction of distance-hereditary Graphs, **TWMS J. App. and Eng. Math.** (Proceedings of the International Conference on Graph Theory and its Applications (ICGTA 2019), held at SSN College of Engineering, Chennai during 20-21, November 2019) Vol. 11, Special Issue (2021), 25-29.

8. A. Anat Jaslin Jini and S. Monikandan, All Finite Topological Spaces Are Weakly Reconstructible, **Springer Proceedings in Mathematics & Statistics** (Proceedings of the International Conference on Mathematical Analysis and Computing (ICMAC – 2019) held at SSN College of Engineering, Chennai during 23-24, December 2019) Vol. 344 (2021), 78-95. (IF 0.278) MR4281575

9. P. Devi Priya and S. Monikandan, Reconstruction of 2-connected Paw-free Graphs, **AIP Conference Proceedings** 2261, 030017 (2020) (Int. Conf. on Adv. Applicable. Math. held at Bharathiar University during 21-22 Feb. 2020). **https://doi.org/10.1063/5.0017153**. **(IF 0.4)**

10. A. Anat Jaslin Jini and S. Monikandan, Reconstruction of finite topological spaces with more than one isolated point, **Advances in Mathematics: Scientific Journal** 9 (4) (2020), 1487–1493. https://doi.org/10.37418/amsj.9.4.2. MR4252919

11. S. Monikandan and N. Kalai Mathi, Degree Associated Edge reconstruction Number of Split Graphs with regular Independent set is one or two, *Journal of Combinatorics and Number Theory* 10 (1) (2019), 63-73. MR3930150

12. S. Monikandan and N. Kalai Mathi.,: On the Stronger Reconstruction of Nearly Acyclic Graphs, **J. Combin Maths. and Combin. Comput,** 113, 49-64 (2020). MR4250928

13. Kalaimathi, N. and Monikandan, S.,: Degree Associated Reconstruction Number of Split Graphs with Regular Independent Set, Proceedings of the International Conference on Theoretical Comp. Sci. and Discrete Math. (held at Kalasalingam University, India, December 19-21, 2016*), LNCS 10398, Springer-Verlag, Berlin*, p. 106-112, 2017. **MR3696712** https://doi.org/10.1007/978-3-319-64419-6_14 (IF 1.063) **MR3696712**

14. Anu, A and Monikandan, S.: Degree Associated Reconstruction Number of Biregular Bipartite Graphs with Degrees Differ by At Least Two, Proceedings of the International Conference on Theoretical Comp. Sci. and Discrete Math. (held at Kalasalingam University, India, December 19-21, 2016*), LNCS 10398, Springer-Verlag, Berlin*, p. 1-9, 2017. **MR3696699** https://doi.org/10.1007/978-3-319-64419-6_1 (IF 1.063) **MR3696699**

15. Anu, A and Monikandan, S.: Degree associated reconstruction number of certain connected graphs with unique end vertex and a vertex of degree n−2, *Discrete Mathematics, Algorithms and Applications,* Vol. 8, No. 4 (2017) , 1650068-1 –1650068-16. https://doi.org/10.1142/s1793830916500683 **MR3569773**

16. Anusha Devi, P., and Monikandan, S.,:Degree Associated Reconstruction Number of Certain Connected Digraphs with Unique End vertex, *Australasian J. Combinatorics,* Vol. 66 (3) (2016), 365–377 (IF 0.4) .

17. Anusha Devi, P., and Monikandan, S.,: Degree Associated Edge Reconstruction Number of Graphs with Regular Pruned Graph, *Electron. J. Graph Theory Appl.* 3 (2) (2015) 146-161. DOAJ 2338-2287 (IF 0.605) **MR3417912** https://doi.org/10.5614/ejgta.2015.3.2.4

18. Monikandan, S., and Sundar Raj, S.,: Adversary Degree Associated Reconstruction Number, *Discrete Mathematics, Algorithms and Applications,* Vol. 7, No. 1 (2015) , 1450069-1 – 1450069-16. **MR3305479** https://doi.org/10.1142/s1793830914500694

19. Anu, A and Monikandan, S.: Degree Associated Reconstruction Number of Graphs Obtained by certain Graph Operations, *Journal of Combinatorics, Information & System Sciences* 39**,** No. 1-4 (2014), 135–148.

20. Monikandan, S., Anusha Devi, P., and Sundar Raj, S.,: Adversary Degree Associated Reconstruction Number of Graphs, *J. of Discrete Algorithm* **(Elsevier)**, 23 (2013) 35-41. **MR#3132878** **(IF: 0.91)**. https://doi.org/10.1016/j.jda.2013.08.003

21. Sundar Raj, S**.,** and Monikandan, S.,: Adversary Degree Associated Reconstruction Number of Graphs obtained from Complete graphs or Cycles. *J. of Combinatorics, Information and System Sciences*, Vol. 37, No. 1 (2012), 75-94.

22. Monikandan, S**.,** Sundar Raj, S., Jayasekaran, C., and Santhakumaran, A.P.,: A note on the Adversary Degree Associated Reconstruction Number of Graphs, *J. of Discrete Mathematics,* (2013)**,** 5 pages, (IF 0.7) http://dx.doi.org/10.1155/2013/808105.

23. Monikandan, S**.,** and Sundar Raj, S.,: Degree associated edge reconstruction number, *Combinatorial Algorithms, Lecture Notes in Computer Science* 7643 (*Springer-Verlag*, Berlin, 2012), 100--109. **MR3056380** https://doi.org/10.1007/978-3-642-35926-2_12 (IF 1.063)

24. Monikandan, S., and Balakumar, J.,: Reconstruction of bipartite graphs and triangle-free graphs with connectivity two, *Australasian J. Combinatorics*, 53 (2012), 141-150 (IF 0.4). **MR 2961979**

25. Ramachandran, S., and Monikandan, S.,: Graph Reconstruction Conjecture: Reductions using complement, connectivity and distance, *Bull. of Institute of Combinatorics and Its Applications*, 56 (2009), 103 –108. **MR# 2010g:05250** **(IF 0.2)**

26. Ramachandran, S., and Monikandan, S.,: A weaker form of Ulam's Conjecture, *Bull. of Institute of Combinatorics and Its Applications,* 49 (2007), 87–92. **MR 2285525** (IF 0.2)

CARE JOURNALS / CONFERENCE PROCEEDINGS : 9

1. V. Manikandan and S. Monikandan, Algorithm for Reconstruction number of Split graphs, Lecture Notes in Networks and Systems 964, Springer, 2024, 45-52. ISBN: 978-981-97-2065-1 (IF 0.525) **MR4786871**

2. A. Josephine Shilpa Devi and S. Monikandan, Reconstruction of soft topological spaces, Proceedings of the National Conference on Algebraic Graph Theory, Graph Theory and Analysis (MSUMEC 2023) held at Manonmaniam Sundaranar University, Tirunelveli during February 23-24, 2023, pages 52-60. ISBN:978-81-965238-3-1.

3. S. Devi and S. Monikandan, Property reconstruction of certain bitopological spaces, Proceedings of the National Conference on Algebraic Graph Theory, Graph Theory and Analysis (MSUMEC 2023) held at Manonmaniam Sundaranar University, Tirunelveli during February 23-24, 2023, pages 21-30. ISBN:978-81-965238-3-1.

4. V. Manikandan and S. Monikandan, Split graphs with Nonsplit edge cards, Proceedings of the National Conference on Algebraic Graph Theory, Graph Theory and Analysis (MSUMEC 2023) held at Manonmaniam Sundaranar University, Tirunelveli during February 23-24, 2023, pages 84-89. ISBN:978-81-965238-3-1.

5. A. Josephine Shilpa Devi and S. Monikandan, Reconstruction of Separation Axioms of Topological Spaces and Soft Spaces, Proceedings of International Conference on Analysis and Number Theory - 2022 held at Ayya Nadar Janaki Ammal College, Sivakasi during 27 - 29 October 2022. ISBN: 978-93-83191-89-5

6. S. Devi and S. Monikandan, Recognizable Properties of Finite Bitopological Spaces, Proceedings of International Conference on Analysis and Number Theory - 2022 held at Ayya Nadar Janaki Ammal College, Sivakasi during 27 - 29 October 2022. ISBN: 978-93-83191-89-5

7. S. Monikandan and P. Devi Priya, Progress on the Reconstruction Conjecture, *Indian J. Discrete Math.* 7 (1) (2021), 1–26. **MR4729239**

8. A. Anat Jaslin Jini and S. Monikandan, Reconstruction properties of Bitopological spaces, proceedings of the International Conference on Mathematical, Physics and Dynamics held at Solapur, India, on Dec. 11, 2020, pp 1-4.

9. Ramachandran, S., and Monikandan, S.,: A note on the edge reconstruction problem, *Int. J. of Manage. and systems* 20 (2004) 229–234.

List of Conferences / Seminars attended as Resource Person

1. Invited Lecture on National Conference on Discrete Mathematics and its Applications conducted by Dept of Mathematics, M.S. University during 15-17, july 2015.
2. Invited lecture, One day Seminar, held at Department of Mathematics, Vivekananda College for Women, Thiruchencode, Namakal District on 08-01-2016.
3. Invited lecture on the workshop on "Innovative Techniques in Teaching Mathematics" organized by the Department of Mathematics, Women's Christian College on 03-05 November, 2016.
4. Invited Talk of National Level Seminar on Pure and Discrete Mathematics on Recent Developments in Reconstruction of Graphs at Vivekananda College, Agasteeswaram, Kanyakumari, 16 - 17 February, 2017
5. Resource person and delivered a lecture at One Day State Level Seminar on Current Trends in Number Theory and Graph Theory on Reconstruction of Graphs at Pope's College, Sawyerpuram 14.03.2017.
6. Resource person and delivered a lecture at International Conference on Recent Advancements in Pure and Applied Mathematics (ICRAPAM-2019) to be held on 25th February, 2019 at Department of Mathematics, Govt. Arts College (Autonomous), Kumbakonam
7. Resource person and delivered a lecture at National Conference on Recent Developments in Mathematics held at St. Xavier's College, Palayamkottai on 11-03-2019.
8. Delivered two invited lectures on the Faculty Development Program entitled "Graph Theoretical Approaches of Science and Engineering Problems" at the Department of Mathematics, VIT, Vellore on 01-10-2019.
9. Resource person and delivered a lecture at National Conference on Challenges and Innovation in Engineering and Technology 2021 held at Ramco Institute of Technology during 19.03.2021 to 20.03.2021.
10. Resource person and delivered a lecture at the International Conference on Discrete Mathematics held at M.S. University, Tirunelveli during October 11-13, 2021.
11. Resource person and delivered a lecture on "Combinatorial Significance of some identities" in Department of Mathematics at Sadakathullah Appa College on 20-04-2022.
12. Resource person and delivered a lecture on National seminar on Graph Conjuctures to be held at the Department of Mathematics, Muslim Arts College, Thiruvithancode on 21.10.2022.
13. Resource person and delivered a lecture at National seminar on Application of Linear Algebra in Machine Learning to be held at the PG & Research Department of Mathematics, St. John's College, Palayamkottai on 12.04.2023.

14. Resource person and delivered a lecture at District Level Seminar on Graph Algorithms to be held at the Department of Mathematics, V.V.Vanniaperumal College for Women, Virudhunagar on 14.09.2023.

15. Resource person and delivered a lecture at National Conference on Advances in Pure and Applied Mathematics to be held at the PG & Research Department of Mathematics, Malankara Catholic College, Kaliakkavilai on 22.09.2023.

16. Resource person and delivered a lecture for Research Scholars at the Department of Mathematics, Sri Saraswathi Narayanan College, Madurai on 27.09.2023.

17. Resource person and delivered a lecture at the Department of Mathematics and Research Centre, Scott Christian College (Autonomous), Nagercoil on 15.03.2024.

List of Conferences/ Workshops / Summer School / Seminars Coordinated

1. Co–Ordinator of One Week National Level Mathematics Training Program at Department of Mathematics, Manonmaniam Sundaranar University held on 1 – 7 June 2017.

2. Co-ordinated the Mathematics Quiz Program for UG Mathematics students in Affiliated Colleges of Manonmaniam Sundaranar University, Tirunelveli on 21-02-2020.

3. Co-ordinated the Mathematics Quiz Program for UG Mathematics students in Affiliated Colleges of Manonmaniam Sundaranar University, Tirunelveli on 03-03-2021.

4. Co-ordinated the Mathematics Quiz Program for UG Mathematics students in Affiliated Colleges of Manonmaniam Sundaranar University, Tirunelveli on 23-03-2022.

5. Convener, Competitions on Awarness of Millets to be held at the Department of Mathematics, Manonmaniam Sundaranar University, on 12.01.2023.

6. Co-ordinated the National Mathematics Day competitions, Department of Mathematics, Manonmaniam Sundaranar University, Tirunelveli on 20-01-2023.

7. Co-ordinated the Prof. S. Arumugam Endowment Lecture, Department of Mathematics, Manonmaniam Sundaranar University, Tirunelveli on 27-01-2023.

8. Co-ordinator Head, Academic Planner, National Conference on Algebraic Graph Theory, Graph Theory and Analysis (MSU Math Endowment Conference - I) held at the Department of Mathematics, Manonmaniam Sundaranar University, during Feb 23-24,2023.

9. Co-ordinated the Mathematics Quiz Program for UG Mathematics students in Affiliated Colleges of Manonmaniam Sundaranar University, Tirunelveli on 11-04-2023.

10. Convener, Muthamil Arignar Kalaignar Centenary Celebrations conducted by the Department of Mathematics, Manonmaniam Sundaranar University on 19.09.2023.

11. Convener, Prof. S. Arumugam Endowment Lecture, Department of Mathematics, Manonmaniam Sundaranar University, Tirunelveli on 09-01-2024.

12. Convener, National mathematics Day Celebrations, Department of Mathematics, Manonmaniam Sundaranar University, Tirunelveli on 6-2-2024.

13. Convener, Three days National Workshop on Fundamentals of Complex Analysis conducted at the Department of Mathematics, Manonmaniam Sundaranar University during 14 – 15 February 2024.

14. Convener, Mathematics Quiz Program for UG Mathematics students in Affiliated Colleges of Manonmaniam Sundaranar University, Tirunelveli on 05-03-2024.

List of Conferences/ Workshops / Summer School / Seminars attended

1. Second S.E.R.C Summer School on Special Functions and Functions of Matrix Argument held at the Centre for Mathematical Sciences(CMS), Thiruvananthapuram (Co-ordinator: A.M. Mathai) from 29th May to 30th June 2000. (33 days).

2. National Workshop on Mathematica and Hypergeometric Series held at the Ins. of Mathematical Sciences (MATSCIENCE), Chennai, 18–22 Sep 2000. (4 days)

3. National Workshop on Emerging Frontiers in Combinatorial Optimization conducted at University of Pune from 21− 28 June 2002. (8 days)

4. International Workshop and Symposium on Discrete Mathematics and Applications held at Indian statistical Institute (ISI), Kolkata during 15 − 23 Dec 2002. (9 days)

5. Group Discussion on Energy of a Graph conducted at KarnatakUniversity, Dharwad during 7−15 July 2003. (9 days)

6. National Workshop on Network Analysis with Applications to Social Sciences held at ISI, Kolkata during 24th Nov to 6th Dec 2003. (13 days)

7. National Workshop on Recent Advances in Mathematics held from Jan 22 to 25, 2004 at Cochin University of Science and Technology,Cochin. (4 days)

8. National Conference on "Graph Theory, Combinatorics, Algorithms and Applications" held at A.K.College of Engineering, Krishnankovil, Srivilliputhoor from 25.11.2004 to 29.11.2004. (5 days)

9. Evaluation of Graph Theory Research held at VivekanandaCollege, Kanyakumari on 21-04-2005.

10. Group Discussion on Graph Theory held at VivekanandaCollege, Kanyakumari on 25-05-2005.

11. National Workshop on Decomposition of Graphs and Product Graphs conducted by the Dept. of Mathematics, Annamalai University, Annamalainagar-608 002 from 3- 01-2006 to 7-01-2006. (5 days)

12. Orientation Course conducted by the UGC- Academic Staff College, BharathiyarUniversity, Coimbatore-641 046 from 18-04-2006 to 15-05-2006. (28 days).

13. Indian Science Congress held at Annamalai University, Annamalainagar- 608 002, from January 3−7, 2007. (5 days)

14. International Conference on "Recent Developments in Combinatorics and Graph Theory" organized by the Kalasalingam University, Krishnankovil, during June 10–14, 2007. (5 days)

15. National Conference on Graph Theory, Algorithms and their Applications, jointly organized by the Department of Computer Science and Engineering and Department of Mathematics during June 6 – 7, 2007. (2 days)

16. "Fifth Annual Instructional Conference of ADMA and Graph Theory Day V" jointly organized by ADMA and the Department of Mathematics, Periyar University, Salem during June 8–10, 2009. (3 days)

17. In-Service Training Programme, conducted by Faculty of Science, Annamalai University during July 21, 2009 to August 3, 2009.

18. "Instructional Workshop on Graph Algorithms" organized by n-CardMath, Kalasalingam University, Krishnankovil, during Feburary17–24, 2010. (8 days)

19. "National Conference on Non-linear Functional Analysis", organized by the Department of Mathematics, Manonmaniam Sundaranar University, Tirunelveli, during March 3-5, 2011.

20. "National Conference on Theoretical Computer Science and Discrete Mathematics, organized by Kalasalingam University, Krishnankovil, during January 09-11, 2012.

21. "Mathematics Training Programme", organized by the Department of Mathematics, Manonmaniam Sundaranar University, Tirunelveli, during Feburary 24-26, 2012.

22. "23rd International Workshop on Combinatorial Algorithms" (IWOCA 12) organized by n-CardMath, Kalasalingam University, Krishnankovil, during July 19-21, 2012.

23. Third International Conference on Discrete Mathematics (ICDM-2013), held at Karnatak University, Dharwad, India during June 10-14, 2013.

24. Refresher Course in Mathematics, held at UGC-Academic Staff College, University of Kerala, Kariavattom, during 20-08-2013 to 09-09-2013.

25. Steering Mathematical Brains Towards Research held at VVV College for Women, Virudhunagar on 29-01-2014.

26. A Three-day workshop on Algebraic Graph Theory and Mathematics Curriculum Enrichment organized by Manonmaniam Sundaranar University, during January 22-24, 2014.

27. National Workshop on Topological Algebra organized by Manonmaniam Sundaranar University, during September 15-19, 2014.

28. 10th Annual Conference of ADMA and Graph Theory Day -10 held at Reva Institute of Technology and Management, Bangalore during June 10-13, 2014.

29. Guest Lecture on Colorings at Sri Parasakthi College for Women on 17-03-2015.

30. One Day Seminar on "Reaching the Unreached: Higher Education in India Today conducted by Curriculum Development Cell, M.S.University on 22-08-2015.

31. One Day National Level Workshop on "Art of Writing Bibliography based on Mendeley Referance Manager" on 30.03.2016 held on Perunthalaivar Kamarajar Library, M.S. University.

32. International Conference on Theoretical Computer Science and Discrete Mathematics (ICTCSDM 2016) at Kalasalingam University, Krishnankoil 19-21 December, 2016

33. One Day Training on High Impact Teaching Skills (HITS) in IQAC, M.S. University held on 19-07-2017.

34. One Day Research Orientation Programme for Research Supervisors at Manonmaniam Sundaranar University held on 01.11.2017.

35. International Conference on Discrete Mathematics and its Applications held at the Dept. of Mathematics, Manonmaniam Sundaranar University on January 18-20, 2018.

36. One Day Training Program for the Department Representatives held Internet Centre, M.S.University on 19-02-2018.

37. International Conference on Algorithms and Discrete Applied Mathematics held at Indian Institute of Technology Guwahati during February 12-17, 2018.

38. International Conference on Discrete Mathematics and its Applications to Network Science held at the Dept. of Mathematics, Birla Institute of Technology and Science Pilani, K K Birla Goa Campus, Goa during July 07-10, 2018.

39. One week "National Workshop on Statistical Methods for Data Analytics Using R" organized by Department of Statistics, Kerala University during September 10-15, 2018

40. 5th International Conference on Algorithms and Discrete Applied Mathematics held at IIT, Kharagpur during February 14-16, 2019.

41. Participated Group Monitoring Workshop on 20-08-2019 at IISc., Bangalore conducted by SERB-DST.

42. Participated One Week FDP on Online Medium conducted by CSE and CITE Departments, Manonmaniam Sundaranar University during 9-15, July 2020.

43. Participated Webinar on Recent Research Directions in Distance in Graphs organized by Ayya Nadar Janaki Ammal College, Sivakasi on 28-5-2020.

44. Participated Webinar on **"Mathematical Modeling using Maple" conducted by** Teaching Learning Centre(TLC) Coimbatore Institute of Technology, Coimbatore on **27th of November 2020.**

45. Participated International Web Conference on Signed Graphs and Allied Areas (ICSGAA-2020) organised by the Department of Mathematics, Central University of Kerala, Kasaragod, Kerala, India, during 07-09, December 2020.

46. Participated International Workshop on Graphs from Algebraic Structures conducted by the Department of Mathematics, Manonmaniam Sundaranar University during Oct 7-9, 2021.

47. Participated one day Workshop on "Intellectual Property Rights"organized by the Internal Quality Assurance Cell (IQAC), Manonmaniam Sundaranar University on 15.02.2023.

48. Participated International Conference on Mathematical Modelling & Emerging Trends in Computing held at Woxsen University, Hyderabad during June 23-25, 2023.