

CURRICULUM VITAE

Name : Dr.A.Rizwana
Designation : Assistant Professor
Address : Department of Mathematics,
V.H.N Senthikumara Nadar College (Autonomous),
Virudhunagar – 626 001.
Email: rijurizwana@gmail.com
rizwana.a@vhnsnc.edu.in
Mobile No:8508435629

Teaching Experience : 11 years and 6 months

Research Experience : 7 years and 6 months

Academic Record:

B.Sc	Sadakathullah Appa College	2006	91.4% (University 4 th Rank- Part I)
M.Sc	Sarah Tucker College	2008	87% University 8 th Rank
M.Phil	St.Xavier's College	2009	89% Gold Medalist
SET	Mother Teresa University	2016	-
Ph.D	M.S University	2019	-

Positions Held:

- ✓ Lecturer in Mathematics, National College of Engineering, Maruthakulam, Tirunelveli (15th June 2009 – 06th March 2010)
- ✓ Assistant Professor in National College of Engineering, Maruthakulam, Tirunelveli (1st Dec 2011 to 12th June 2014)
- ✓ Head and Assistant Professor of Mathematics in Sadakathullah Appa College, Tirunelveli (18th June 2014 to 4th December 2018)

Current Position (Govt –Aided):

Assistant Professor, Department of Mathematics, VHNSN College (Autonomous),
Virudhunagar

Awards Received

- Received the prestigious “**Kamarajar Award**” from the Rotary Club of Virudhunagar on 28.02.2021
- Received the **SEED RESEARCH MONEY GRANT** from VHNSN College, Virudhunagar and completed a Mini Research Project on the Topic “**Non-Neighbor Topological Indices of Different Nano Structures and Networks**”

Certificate Courses Completed:

1. Completed Online Course-Introduction to Abstract Algebra with Elite in NPTEL
2. Completed Online Certificate Course on LaTeX101x: LaTeX for Students, Engineers, and Scientists from 24 September 2019 to 2 December 2019.
3. Completed Certificate Course in Office Automation.
4. Completed Certificate Course in Arabic from Manonmaniam Sundaranar University

Computer Exposure:

Programming Language : BASIC, C and C++
Software : MS-Office, LaTeX, MATLAB, Python

Research:

Completed PhD under the topic entitled, “**A Study on Topological Indices**” from the Manonmaniam Sundaranar University, Tirunelveli under the Guidance of Dr.G.Jeyakumar, Head & Associate Professor, Department of Mathematics (Aided), St.John’s College, Palayamkottai.

Area of Specialization: Chemical Graph Theory

Research Guidance: M.Phil Project :2
PG Project : 17
UG Project : 20

Book Publications / Year	Title	Publication	National/ International	ISBN No.
2019-2020	Non-Neighbor Topological Indices	Lambert Academic Publications	International	978-620-0-32313-2
2009-10	Proceedings of the National Conference on Innovations in Mathematics	A publication of Sadakathullah Appa Educational Society	National	978-81-935198-5-1

Book Chapters Published:

- Published a Book Chapter entitled “Goal Setting and Decision Making” in the book Life Skills Education published by Virudhunagar Hindu Nadars’ Senthikumara Nadar College (Autonomous), Virudhunagar with ISBN :978-81-942052-3-5.
- Published a Book Chapter entitled “Analytical Skills” in Employability Skills Book published by Virudhunagar Hindu Nadars’ Senthikumara Nadar College (Autonomous), Virudhunagar with ISBN: 978-93-81723-97-5.
- Published a Book Chapter entitled “Non-Neighbor Topological Indices of Jahangir Graphs” in “Emerging Trends & Milestones in 2020”, published by Virudhunagar Hindu Nadars’ Senthikumara Nadar College (Autonomous), Virudhunagar with ISBN: 978-81-942052-9-6.
- A Book Chapter entitled “Online Teaching and Learning in Mathematics” has been accepted for publication in the book “Online Learning and Research: Alternative Dimensions of knowledge Cultivation during COVID-19 Pandemic”.

Reviewer in Journals:

- Reviewer in the Hertz Journal of Engineering.
- Received Certificate of Excellence in Reviewing from Asian Research Journal of Mathematics.
- Received Certificate of Excellence in Reviewing from Journal of Advances in Mathematics and Computer Science.
- Received Certificate of Excellence in Reviewing from Journal of scientific Research and Reports.
- Reviewer for the Book Chapter entitled δJ -CLOSED SETS IN TOPOLOGICAL SPACES in the book “Novel Research Aspects in Mathematical and Computer Science”

Lectures Delivered:

- Acted as a Resource Person and delivered a Lecture on the Topic “**Real Life Applications of Graph Theory**” in the “**State Level Webinar on Graph Decomposition and Graph Applications**” organized by the Department of Mathematics (S.F), Holy Cross College (Autonomous), Nagercoil on 21.03.2022.

- Delivered a Lecture on the topic “**The Art of Decision Making**” organized by Personality Development Cell, V.H.N. Senthikumara Nadar College (Autonomous), Virudhunagar on 1.3.2022.
- Acted as a Resource Person and delivered a Lecture on the Topic “**Recent Research Areas and Methodologies in Mathematics**” in the **Online Research Colloquium** organized by the Department of Mathematics (Aided), Holy Cross College (Autonomous), Nagercoil on 28.10.2021
- Acted as Resource Person and delivered a Lecture in the Webinar on “**Current Trends in Chemical Graph Theory**” organized by Department of Mathematics, C.Abdul Hakeem College (Autonomous), Melvisharam held on 10th July 2021.
- Acted as Resource Person and delivered a Lecture on the topic “**An Initiative to set your Career**” organized by the “Vision Online Tuition” run by the students of Department of Mathematics PG, V.H.N. Senthikumara Nadar College (Autonomous), Virudhunagar on 29.07.2020. (<https://youtu.be/x64bG0VhK8E>)
- Acted as Resource Person and delivered a Lecture on the topic “**Life Skills Development**” organized by Personality Development Cell, V.H.N. Senthikumara Nadar College (Autonomous), Virudhunagar on 10.12.2019.
- Acted as Resource Person for the Guest Lecture held at Sadakathullah Appa College (Autonomous), Tirunelveli on 28.09.19 and presented a Lecture on the Topic “**Applications of Chemical Graph Theory**”.
- Acted as Resource Person for the Mathematics Club Programme at St. John’s College of Education, Palayamkottai on 30.11.18 and presented a Lecture on the Topic “**Applications of Mathematics and Teaching Methodology**”.
- Acted as Resource Person for the Guest Lecture held at St. John’s College, Palayamkottai on 23.01.18 and presented a Lecture on the Topic “**Current Trends in Research Methodology**”.

Articles Published:

Number of articles published in International journals: 8

Number of articles published in national journals: 6

Papers presented at International Conferences:11

Papers presented at National Conferences:6

List of Research Publications in International Journals:

1. **A.Rizwana**, G.Jeyakumar, S.Somasundaram, “*On the Non-Neighbor Zagreb Indices and Non-Neighbor Harmonic Index*”, International Journal of Mathematics and its Applications, Volume 4, Issue 2-D (2016), 89-101. ISSN:2347-1557. (UGC approved Journal).
2. **A.Rizwana**, G.Jeyakumar, S.Somasundaram, “*Non-Neighbor Topological Indices for Hydrocarbons*”, International Journal of Scientific Engineering and Sciences (IJSES), Volume 1, Issue 7, pp. 16-19, 2017. ISSN (Online):2456-7361.
3. **A.Rizwana**, G.Jeyakumar, “*The Non-Neighbor Harmonic Index on Elementary Graph Operations*”, International Journal of Scientific Research in Mathematical and Statistical Sciences, Volume-5, Issue-5, pp.01-05, October (2018), E-ISSN: 2348-4519.
4. **A.Rizwana**, G.Jeyakumar, M.Mohamed Ismail, “*Perfect Non-Neighbor Harmonic Graphs*”, International Journal of Computer Sciences and Engineering, Vol.-6, Issue-10, pp556-561, October(2018). E-ISSN: 2347-2693.
5. **A.Rizwana**, G.Jeyakumar, “*Bounds for the Non-Neighbor Harmonic Index of Subdivision Graphs*, International J.Math. Combin. Special Issue 1 (2018), 104-113.
6. **A.Rizwana**, G.Jeyakumar, “*Non-Neighbor Harmonic Polynomial of Subdivision Graphs*”, Sadakath - A Research Bulletin, (A UGC Approved Journal), Volume 5,No:2, Jan(2018).
7. **Dr.A.Rizwana**, Dr.M.Mohamed Ismail, “*Non-Neighbor Harmonic Index of Glued Network*”, Journal of Information and Computational Science, Volume 11, Issue 9, 2021 Page No: 475-483.
8. **Dr.A.Rizwana**, Dr.M.Mohamed Ismail, “*Non-Neighbor Topological Indices of Generalized Prism Network*”, GIS Science Journal , Volume 8, Issue 10, 2021. (UCG CARE II & Scopus Indexed)

Papers Published in Conference Proceedings:

1. **A.Rizwana**, G.Jeyakumar “*Comparison of Degree Based Topological Indices of Hydrocarbons*”, Proceedings on Recent Trends in Mathematical Sciences by Shanlax Publications with ISBN NO: 978-93-80686-30-1.
2. **A.Rizwana**, G.Jeyakumar “*Degree Based Topological Indices of Acyclic and Cyclic Hydrocarbons*”, Proceedings of the Conference “Increasing the Scholarly Impact and Research Output” with ISBN NO: 978-81-926040-4-6.
3. **A.Rizwana**, G.Princess Rathinabai, G.Jeyakumar “*Roots of the Non-Neighbor Harmonic Polynomial of Tadpole Graph, Ladder Graph and their Subdivision Graphs*”, Emerging Trends in Pure and Applied Mathematics with ISBN NO: 978-81-938054-7-3.
4. **Dr.A.Rizwana**, Dr.M.Mohamed Ismail, “*Computation on Energy of Molecular Graphs*”, Recent Trend in Graphs (NCRTG-2K20) with ISBN NO: 978-81-942482-5-5.

5. Dr.A.Rizwana, Dr.P.Mahalakshmi, “A Simple Probabilistic Approach to Program Evaluation and Review Technique in CPM”, Recent Trend in Graphs (NCRTG-2K20) with ISBN NO: 978-81-942482-5-5.
6. Dr.A.Rizwana, Dr.M.Mohamed Ismail, “Non-Neighbor Topological Indices of Certain Nanotubes”, A Conference Proceedings of Recent Trends in Modern Mathematics, Volume II, RTMM-2021 with ISBN NO:978-93-5578-172-7

Papers presented at International Conferences:

1. Presented a paper entitled “Degree Based Topological Indices of Acyclic and Cyclic Hydrocarbons” at International Training Workshop on “Increasing the Scholarly Impact and Research Output” held at Sri Sarada College for Women on 2nd March 2015.
2. Presented a paper entitled “Non-Neighbor Harmonic Polynomial of Graphs” at International Conference on “Applications in Mathematics” held at St.Mary’s College for Women on 11th January 2018.
3. Presented a paper entitled “Bounds for the Non-Neighbor Harmonic Index of Subdivision Graphs” at International Conference on Discrete Mathematics and its Applications held at Manonmaniam Sundaranar University during January 18-20, 2018.
4. Presented a paper entitled “Non-Neighbor Harmonic Index of Certain Chemical Structures” at International Conference on Emerging Trends in Mathematical Strategies (ETRIMS’18) held at Sarah Tucker College (Autonomous) on 26th February, 2018.
5. Presented a paper entitled “Roots of the Non-Neighbor Harmonic Polynomial of Tadpole Graph, Ladder Graph and their Subdivision Graphs” at International Conference on Graph Theory and its Applications (ICGTA -19) held at Sadakathullah Appa College on 27th February 2019 and the paper is published in “Emerging Trends in Pure and Applied Mathematics” with ISBN NO: 978-81-938054-7-3.
6. Presented a paper entitled “Probabilistic Approach using CPM” at TNSCST Sponsored two-days International Conference on Applications of Mathematics in Science and Technology held at AAA College of Engineering and Technology during 25th and 26th July, 2019.
7. Presented a Paper entitled “Non-Neighbor Topological Indices of Jahangir Graphs” in International Virtual Conference on "Recent Trends & Innovations in Science, Engineering and Social Sciences" organized by Senthil Research Advocacy Forum, V.H.N. Senthikumara Nadar College (Autonomous), Virudhunagar and Pearl - A Foundation for Educational Excellence, Bengaluru during 04th-06th September, 2020.
8. Presented a Paper entitled “Energy of Graphs using Non-Adjacency Matrix” in the International Conference on Graph Labeling and Applications ICGLA-2020 (Webinar) organized online by Department of Mathematics, Goa University, Goa-INDIA, during September 17-19, 2020.
9. Presented a research paper entitled “Computation of Energy of Graphs using Non-Neighbor Matrix” in the International Conference on “Emerging Areas in Science and Technology (EAST-2021)” held during 1st and 2nd June 2021 organized by Royal School of Applied & Pure Sciences, The Assam Royal Global University, Guwahati, Assam, India.

10. Presented a paper entitled “Non-Neighbor Topological Indices of Certain Nanotubes” at the International Conference “RECENT TRENDS IN MODERN MATHEMATICS” (RTMM-2021) via virtual platform on 23rd and 24th of September 2021 organized by PG & Research Department of Mathematics, St. John’s College, Palayamkottai, Tirunelveli.
11. Presented a paper entitled “Non-Neighbor Energy of Simple Graphs” at the 2nd International Conference on Recent Trends in Applied and Computational Mathematics ICRTACM-2021 on 8th and 9th October organized by the School Applied Sciences, Department of Mathematics, REVA University, Bengaluru, India.

Papers presented at National Conferences:

1. Presented a paper entitled “*Comparison of Degree Based Topological Indices of Hydrocarbons*” at State Level Seminar on “Analysis and Topology” held at Sadakathullah Appa College on 30th January 2015.
2. Presented a paper entitled “*Non-Neighbor Topological Indices for Hydrocarbons*” at National Seminar on Recent Trends in Mathematics held at Sri Sarada College for Women, Tirunelveli on 1st March 2017.
3. Presented a paper entitled “*Non-Neighbor Harmonic Polynomial of Subdivision Graphs*” at “National Conference on Innovations in Mathematics (NCIM-2018)” held at Sadakathullah Appa College (Autonomous) on 9th February, 2018.
4. Presented a paper entitled “*Non-Neighbor Harmonic Index of Glued Graphs*” at “National Seminar on Recent Advancement in Mathematics-NSRAM-2019 held at Sri Ramanas College of Arts and Science for Women, Aruppukottai on 20th December, 2019.
5. Presented a paper entitled “*Computation on Energy of Molecular Graphs*” at National Conference on Recent Trend in Graphs (NCRTG-2K20) held at Sadakathullah Appa College (Autonomous) on 5th February 2020.
6. Presented a paper entitled “*A Simple Probabilistic Approach to Program Evaluation and Review Technique in CPM*” at National Conference on Recent Trend in Graphs (NCRTG-2K20) held at Sadakathullah Appa College (Autonomous) on 5th February 2020.

Orientation/Short Term/Refresher/In-Service Programme Completed:

- Successfully completed UGC Sponsored Online Refresher Course in Mathematics at the UGC-HRDC Pondicherry University from 07.07.2022 to 20.07.2022.
- Participated in Two Days In-Service Teacher Training Programme organized by Tamil Nadu State Council for Higher Education at Sri Meenakshi Government Arts College for Women (Autonomous), Madurai-625002 on 5th May 2022 and 6th May 2022
- Attended the 2nd one-week Short Term Course on “Computational software (MATLAB & MATHEMATICA)” organized by Applied Mathematics and Humanities Department (AMHD), Sardar Vallabhbhai National Institute of Technology (SVNIT), Surat during May 17-21, 2021 in online mode.

- Successfully participated in UGC-Sponsored Fourth Faculty Induction Programme organized by UGC-HRDC Bharathidasan University, Tiruchirappalli from 20.01.2021 to 18.02.2021 through online and obtained grade A.
- Successfully completed a 4-Week Online Orientation Programme organized by Teaching Learning Center, Ramanujan College, University of Delhi from June 04-July 01, 2020 and obtained the grade A+.

Training Undertaken through Spoken Tutorial, IIT Bombay:

- Participated in the Python 3.4.3 training organized at Vellalar College for Women (Autonomous) in January 2020 semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.
- Participated in the LaTeX training organized at Vellalar College for Women (Autonomous) in January 2020 semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.
- Successfully completed R test organized at SKN Sinhgad College of Engineering, Korti-Pandharpur by PRAKASH RAMESH GADEKAR with course material provided by the Spoken Tutorial Project, IIT Bombay.
- Participated in the C and Cpp training organized at Jamal Mohamed College (Autonomous) in January 2020 semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

Training Through Webinars:

- Participated in the Faculty Development Programme on “Digital Teaching” conducted on 01st June, 2020 to 03rd June, 2020 by IQAC, V.H.N. Senthikumara Nadar College (Autonomous) and DCE Technology, Virudhunagar.
- Participated in the Webinar on “Outcome based Assessment Strategies” on 18th July, 2020 by IQAC, V.H.N. Senthikumara Nadar College (Autonomous) Technology, Virudhunagar.

Administrative Positions Held:

- Acted as Coordinator for ZETA QUEST- An intercollegiate Programme for the year 2019 and 2020 at VHNSN College(Autonomous).
- Acted as the Board Chairman for Board of Studies and Valuation from 2016-2017 at Sadakathullah Appa College(Autonomous).
- Organized many Guest Lectures in the Department of Mathematics (Unaided) Sadakathullah Appa College(Autonomous).
- Acted as Convener for One-day “National Conference on Innovations in Mathematics (NCIM-2018)” held at Sadakathullah Appa College (Autonomous), Tirunelveli on 9th February 2018.

Webinars Attended:

- Actively participated in “Two Day Online Course on Arithmetic Ability”, organized by the Department of Mathematics, Rajapalayam Rajus’ College, Rajapalayam on 23.04.2020 and 24.04.2020.
- Participated in the Online National Workshop on Basics of Documentation using Latex held on 24, 25, 29 & 30 April 2020 organized by the Department of Mathematics, Stella Maris College (Autonomous), Chennai, Tamil Nadu, India.
- Actively participated and Completed “Two Days Online Course cum E-Quiz on Mathematical and Technical Aptitude” held on 01.05.2020 and 02.05.2020 organized by BRAINSTROM, Association of Mathematics (CA), SNMV College of Arts and Science, Institute of Management, Coimbatore.
- Participated in the MoU Programme – Online Faculty Development Programme on “Effective Staff Student relationship for best outcomes” organized by PG & Research Department of Mathematics, A.P.C Mahalaxmi College for Women College (Autonomous), Thoothukudi in collaboration with PG & Research Department of Mathematics, The M.D.T Hindu College Tirunelveli on 12th May 2020.
- Participated in a Three day Online Faculty Development Programme on “Improving Your Research Visibility-Research Impact and Metrics” jointly organized by Research and Development Cell and Internal Quality Assurance Cell, Velalar College of Engineering and Technology, Erode from 11th May to 13th May 2020
- Participated in the Two Days Webinar on the topic “LATEX- Learning by doing” organized by PG & Research Department of Mathematics, Idhaya college for Women, Kumbakonam on 15.05.2020 and 16.05.2020.
- Participated in the Online Faculty Development Program on “FUZZY SETS AND SYSTEMS”, Organized by Department of Mathematics (Shift – II), Patrician College of Arts and Science, Chennai held on 16th May 2020.
- Successfully Completed the Three Days National Level Online Course on “Operations Research” from 18th May 2020 to 20th May 2020 with the passing score of 91% organised by Department of Mathematics (SF), V.H.N.Senthikumara Nadar College(Autonomous), Virudhunagar.
- Participated in “One-day National Webinar on Mathematics in Machine Learning workshop” organized by the Department of Mathematics, SSN College of Engineering, Kalavakkam-603110 held on May 20,2020.
- Participated in the Two Day International Webinar on ‘Recent research Topics in Graph Theory’ organized by the PG & Research Department of Mathematics, MES Mampad College (Autonomous) during 20-21 May 2020.
- Participated in the Webinar on “Qualitative Analysis of Differential equations and its Applications” organized by Department of Mathematics (Aided), G.T.N. Arts College (Autonomous), Dindigul held on 21st May 2020.
- Successfully completed National Level Quiz on Mathematics on 21.05.2020, with a score of 65% organized by the Department of Humanities and Applied Sciences, Shree L.R. Tiwari College of Engineering, Thane.

- Participated in the Webinar on “Introduction to Graphs from Algebraic structures” organized by the PG Department of Mathematics, G.T.N. Atrs College (Autonomous), Dindigul on 22.05.2020.
- Successfully completed online Short Term Training Programme (STTP) OM “Recent Trends and Applications of Machine Learning and Deep learning in IT” organized by the Department of Information Technology, RAIT, Navi Mumbai, May 25, 2020 to May 29, 2020.
- Participated in the webinar on “Mathematical Documentation and Computation Using Online Tools” organized by the PG & Research Department of Mathematics, St. Mary’s College (Autonomous), Thoothukudi, Tamil Nadu. India, on 28th & 29th May 2020.
- Participated in the Webinar on “Rough Sets Applicable in Topology” organized by Department of Mathematics, Sadakathullah Appa College (Autonomous), Rahmath Nagar, Tirunelveli on 28 - 05 - 2020.
- Participated in one day webinar on “Graphs In Life”, organized by the Department of Mathematics, Don Bosco College of Arts and Science, Keela Eral, Thoothukudi on 29.05.2020.
- Participated in the “International Webinar on Recent Advances in Graph Theory” organized by the School of Mathematics, Alagappa University, Karaikudi from 25.05.2020 to 30.05.2020.
- Participated and successfully completed Live Webinar on “Fundamentals of Python Programming” Organised by Department of B.Sc Computer Science, Mohamed Sathak College of Arts and Science - Sholinganallur, Chennai on 31.05.2020.
- Successfully completed A Five Day Online International Faculty Development Programme on “Recent Trends in Applied Mathematics” held from 02.06.2020 to 06.06.2020 organised by the Department of Mathematics at, SNS College of Technology, Coimbatore.
- Actively participated in the one-week online faculty development programme on “Data Science with R Programming for Data Analytics” organized by Department of Computer Science Engineering, Sharad Institute of Technology College of Engineering Yadrav-Ichalkaranji from 4th June to 9 th June 2020. Certificate number: UNQF1S-CE000165.
- Actively participated and completed One Week Online Faculty Development Program on “PYTHON 3.4.3” from 8th June to 13th June 2020 organized by Department of Information Technology in association with Spoken Tutorial IIT, Bombay Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT), MHRD, Govt. of India.
- Participated in the Webinar on “Outcome Based Education through Bloom’s Taxonomy: Stepping up the Learning Domain” organized by Internal Quality Assurance Cell (IQAC) and Department of Commerce-IV on 19th June, 2020.
- Actively participated in Two-days National Level Webinar on “GRAPH THEORY AND ITS APPLICATION” held on 02-03 July 2020 organized by PG & Research Department of Mathematics in Association with IQAC, Islamiah Women’s Arts and Science College.
- Participated a Webinar on “Statistics for Data Science” organized by Department of Information Technology, Easwari Engineering College, Ramapuram, Chennai on 7th July, 2020.

- Successfully completed the Online Faculty Development Programme on “Appraisal of Mathematical Learning Outcomes in Cybergogy Environment” organized by the Department of Mathematics from 15.07.2020 to 17.07.2020.
- Participated in the One Day National Level Faculty Development Programme on “Professional Guidance on Writing Research Articles and Applying for Funded Projects” held on 7/6/2021 organized by Department of Computer Science, Sarah Tucker College, Tirunelveli.
- Participated in the State-Level Webinar on “Graphs from Algebraic Structures and its Applications” organised by the Department of Mathematics (Aided), Sadakathullah Appa College (Autonomous), Tirunelveli on June 22, 2021.
- Participated in the One-day webinar on “GRAPH MATCHING APPROACH TOWARDS WOMEN CANCER” organised by PG & Research Department of Mathematics, T.B.M.L. College, Porayar, Tamilnadu on 23rd June 2021.
- Participated the Webinar on “How to publish in high-impact peer reviewed journals?” at Pachaiyappa’s College, on Thursday 22 July, 2021.
- Successfully participated in a WEBINAR on GRAPH THEORETICAL CONCEPTS IN PYTHON NETWORK “X” organized by the Department of Mathematics KSG College Art and Science, Coimbatore on 23 August 2021.
- Participated in the National Seminar on “Current Scenario in Graph Theory and its Applications” under DBT Star College Scheme on 11.02.2022 organized by the Department of Mathematics, V.V.Vanniaperumal College for Women, Virudhunagar.

Seminars/Conferences Attended:

1. Participated in One-day National Conference on “**Recent Trends in Applied Mathematics-2020 (NLCRTAM-20)**” held at VHNSN College, Virudhunagar on 10th January 2020.
2. Participated in One day UGC Sponsored National Seminar on “**Recent Trends in Topology and Graphs (RETAG’17)**” held at Sarah Tucker College, Tirunelveli on 27th February 2017.
3. Participated in Two days National Conference on “**Recent Advances in Fuzzy Mathematics and Applications**” held at St.Xavier’s College, Palayamkottai on 9th and 10th February 2017.
4. Participated in one day National Level Seminar on “**Emerging Trends in Pure and Applied Mathematics**” held at St.John’s College, Palayamkottai on 6th January 2017.
5. Participated in First National Conference on “**The Challenges and opportunities in the Management of Libraries and Information Services for Knowledge Society**”, held at Sadakathullah Appa College on 28th & 29th November 2014.
6. Participated in one-day National Level Seminar on “**Recent Development in Soft Energy and Energy Expo-2012**” on 26th July 2012 sponsored by MNRE (New Delhi) at National College of Engineering.
7. Participated in one-day National Level Seminar on “**Advancements in Digital Information Sources and Services for Education and Research (ADISSER – 2012)**” on 19th July at National College of Engineering.
8. Participated in one-day seminar on “**Class Room Interaction**” held at National College of Engineering on 14th July 2009.

9.Participated in “**State Level Seminar on Recent Advances in Mathematics**” held at Sadakathullah Appa College on 5-3-2009.

10.Participated in “**National Conference on Fuzzy Theory and Applications**” held at St.Xavier’s College, Palayamkottai from 22nd to 24th of January 2009.

Trainings/Workshops Attended:

- Faculty Development Programme on “**ENABLE relationship-ENHANCE skills-EMPOWER students**” organized by Department of Management Studies, V.H.N.S.N College(Autonomous) on September 19, 2019.
- State Level Sensitizing Workshop on “**Intellectual Property Rights (IPR) and Technology Licensing**” organized by the Internal Quality Assurance Cell of V.H.N.S.N College, Virudhunagar on 01.03.2019.
- One Day State Level Workshop on “Video and Image Processing using MATLAB (VIP2018)”, held at Sadakathullah Appa College on 7th February 2018.
- One Day State Level Workshop on “Segmentation, Feature Extraction and Classification using Matlab”, held at Sadakathullah Appa College on 21st September 2016.
- Two Days Workshop on “**Empowering Teachers to Empower Students**” held at Sadakathullah Appa College on 23rd and 24th October 2015.
- UGC Funded State Level One Day Workshop on “**LaTeX**”, held at Sadakathullah Appa College on 14th September 2015.
- Ten days’ National level ISTE workshop on “**Fluid Mechanics**” conducted by Indian Institute of Technology, Bombay at National College of Engineering from 20th to 30th May 2014.
- Two days ISTE Workshop on “**Research Methods in Educational Technology**” conducted by Indian Institute of Technology, Bombay at National College of Engineering on 2nd & 9th February 2013.
- Ten days’ National level ISTE workshop on “**Thermodynamics**” conducted by Indian Institute of Technology, Bombay at National College of Engineering from 11th to 21st December,2012.
- Two days ISTE Workshop on “**Aakash for Education**” conducted by Indian Institute of Technology, Bombay at National College of Engineering on 10 and 11th November 2012.