

Resume (as on 31-03-2023)



1. Name : **Dr. M.A. RIFAYATHALI**
2. Father Name : A.R. Mubarak Ali
3. Mother Name : M.I. Nilafar
4. Sex : Male
5. Designation : Assistant Professor of Mathematics
6. Date of Birth : 10-05-1991
7. Age : 31 years 10 months 21 days
8. Religion : Muslim
9. Community : BC (Lebbai)
10. Nationality : Indian
11. Permanent Address: No. 2/133, Big Bazaar Street,
Alangiyam (PO), Dharapuram (TK),
Tiruppur (DT) – 638 657
Tamil Nadu, India.
12. Current Address : 48-A, Sundarraj Nagar,
Subramaniyapuram,
Tiruchirappalli – 620 020
Tamil Nadu, India.
Mobile No.: +91 7845729890
Email: rifayathali1991@gmail.com ,
rifayathali.maths@gmail.com ,
rifayathali@jmc.edu

13. Date of Joining in Jamal Mohamed College :

- ❖ Assistant Professor in Mathematics (Aided) from 09-02-2021 at Jamal Mohamed College, Tiruchirappalli-620020, Tamilnadu.
- ❖ Assistant Professor in Mathematics (SF) from 15-07-2019 to 08-02-2021 at Jamal Mohamed College, Tiruchirappalli-620020, Tamilnadu.

14. Educational Qualification:

Course	Institution	Board/University	Percentage & Class	Year of Passing
Post Doctoral Fellow	Pentagram Technologies	-	-	Pursuing
Ph.D. Mathematics	Jamal Mohamed College, Tiruchirappalli-20.	Bharathidasan University	Highly Commended	2019
M.Phil. Mathematics	Jamal Mohamed College, Tiruchirappalli-20.	Bharathidasan University	85.5% 1 st class with Distinction	2014
M.Sc. Mathematics	Jamal Mohamed College, Tiruchirappalli-20.	Bharathidasan University	75.9% 1 st class	2013
B.Sc. Mathematics	Arulmigu Palaniandavar College of Arts & Culture, Palani, Dindigul (Dt)	Madurai Kamaraj University	75.39% 1 st class	2011
HSC	Government Higher Secondary School, Dharapuram, Tiruppur (Dt)	State	70.08% 1 st class	2008
SSLC	Government High School, Alangiam, Tiruppur (Dt)	State	79.4% 1 st class	2006

15. Other Courses:

- **Certificate in Desktop Publishing** with **77%** at A.P.A College, Palani under Madurai Kamaraj University during 2008 to 2009.
- **Certificate in Gandhian Thought** with **52%** at A.P.A College, Palani under Madurai Kamaraj University during 2008 to 2009.
- **Certificate in Computer Hardware & Networking** with **86%** at IECD - BDU, Tiruchirappalli under Bharathidasan University during 2011 to 2012.
- **HDCA (Honors Diploma in Computer Applications)** at CSC, Palani Centre during 2009 to 2010.
- **Critical Thinking (Self-placed)** online course instructed by Partha Chatterjee, Shiv Nadar University at SWAYAM, Government of India during 2017.

16. Swayam Courses:

Successfully Completed 8-weeks course the NPTEL Online Certification Course “**Operations Research**” with a consolidated **score of 80%** and got **Elite + Silver type Certificate** Organized by IIT Roorkee in the Swayam Portal on July - September 2019.

17. Teaching Experience (as on 31.03.2023):

Under Graduate : 03 Years 08 Months 16 Days
Post Graduate : 03 Years 08 Months 16 Days
M.Phil. : 2 Years

18. Areas of Specialization : 1. Fuzzy Graph Theory
2. Graph Theory
3. Operations Research

19. Languages known : Tamil and English

20. Subjects Taught :

Undergraduate : 1. Graph Theory
2. Mathematical Statistics
3. Allied Mathematics
Postgraduate : 1. Ordinary Differential Equation
2. Advanced Operations Research
M.Phil : 1. Domination in Graphs

21. Research Experience:

Research Stage	Title of Work / Thesis	College/University where the work was carried out
M.Phil	A study on fuzzy sub groups and fuzzy ideals of a ring	Jamal Mohamed College/ Bharathidasan University, Trichy
Ph.D.	Contributions to Fuzzy coloring and Fuzzy Labeling of Fuzzy Graphs	Jamal Mohamed College/ Bharathidasan University, Trichy

22. Administrative Position held in the College:

- ❖ Served as a **Sub-Warden - Khajamian Hostel**, Jamal Mohamed College (Autonomous), Tiruchirappalli : From September 2015– June 2022.
- ❖ Served as a Student Faculty (Remedial Classes by Full Time Ph.D Research Scholars) at Department of Mathematics, Jamal Mohamed College from 2016 to 2019.
- ❖ Served as an Editor of Mathmation magazine, Volume 3, published by Department of Mathematics, Jamal Mohamed College at 2015.
- ❖ Served as an Assistant Editor of Mathmation magazine, Volume 4, published by

Department of Mathematics, Jamal Mohamed College at 2016.

- ❖ Member – Board of studies, Department of Mathematics, Jamal Mohamed College, June 2020– Till date
- ❖ CIA-Test -Incharge of Department of Mathematics, Jamal Mohamed College, June 2020– Till date
- ❖ Member – IQAC Microcell, Jamal Mohamed College, February 2021– Till date.
- ❖ Member – IQAC, Jamal Mohamed College, September 2022– Till date.
- ❖ Tutor-incharge of I B.Sc. Mathematics (2022-2025 Batch).
- ❖ Time Table -Incharge of Department of Mathematics, Jamal Mohamed College, June 2021– Till date.

23. Seminars and Workshops Organized

S.No.	Name of the Seminar / Conference / Workshop	International / National / State Level	Date(s)	Name of the Organizing Secretary	Name of the Funding Agency
1.	Online Course on Quantitative Aptitude	International	24-04-2020 to 02-05-2020	Dr.R.Jahir Hussain & Dr.A.Mohamed Ismayil & Dr.M.A.Rifayath Ali	DBT Star College Scheme
2.	COVID-19 Awareness Competitions for School and College Students	National	14-04-2020 to 30-04-2020	Dr.R.Jahir Hussain, Dr.A.Prasanna & Dr.M.A.Rifayath Ali	DBT Star College Scheme
3.	Training Programme on Trouble Shooting in Computers	College Level	20-12-2021	Dr.M.A.Rifayath Ali	DBT Star College Scheme

24. E-Content:

S.No	Topic	Link
1	Mathematical Finance- Perpetuity	https://youtu.be/u-azZlaQvys
2	Calculus- ODE- Solving Problems (Standard Types) Part-I	https://youtu.be/RCOWwV63TqE
3	Calculus-solving ODE Problems (Standard Types) Part-II	https://youtu.be/Kgw-GJef7UI
4	solving problems in Ordinary Differential Equations Part-I	https://youtu.be/1jIDCgjn_YE

5	Solving problems in Ordinary Differential Equations Part-II	https://youtu.be/M5FnAL4YHw4
6	Solving Linear Homogeneous Equation with constant co-efficients (ODE)	https://youtu.be/KoQKXaAL97E
7	Mode and Geometric Mean	https://youtu.be/s_umKafmvFg
8	Properties of Definite Integrals	https://youtu.be/cA8r468TicA
9	Properties of definite integral and Integration by parts related problems	https://youtu.be/XDIHRCua8Mw
10	Aptitude - Square root and Cube root	https://youtu.be/im0S4EREIDg
11	Aptitude - Simplification	https://youtu.be/3EVXiCjBX64
12	Aptitude - Average	https://youtu.be/GSgiq_XAcac
13	Arithmetic Mean	https://youtu.be/EeWNn_muF8
14	Assumed Mean Method for finding Arithmetic Mean	https://youtu.be/EN8eP9XRCJ0
15	Introduction to Graph Theory and Basic Definitions	https://youtu.be/Lv_HOO4vGKU
16	Graph Theory- Basic Definitions	https://youtu.be/UvXNa8mfavs
17	Graph Theory - Walk, Path, Circuit, connected graph definitions and related theorems	https://youtu.be/eRI_ojb66Ug
18	Solving LPP by Graphical method and simplex method	https://youtu.be/dhfSan42DEA
19	Gomory's All integer cutting plane algorithm to solve ILPP related problems	https://youtu.be/RZABVpO7FoU
20	Gomory's mixed integer cutting plane algorithm related problems	https://youtu.be/eGhncoOHEXk
21	Modified simplex method to solve Goal Programming problem (GPP)	https://youtu.be/6vEyARUdPrQ
22	Cut set and cut vertex in graph theory	https://youtu.be/blg6CSmRccA
23	Game Theory - Introduction and Pure strategy games (Game with saddle points)	https://youtu.be/rQl4J9UFztw
24	Binomial Series - Part-1	https://youtu.be/AEqWq5Qbrzs
25	Moments and Karl Pearson's Co-efficient	https://youtu.be/KR8gl3e9WuQ

25. Details of Orientation / Refresher Course Attended:

- Underwent a 4-week Orientation Programme through Online for "**Faculty in Universities/Colleges/Institutes of Higher Education**" conducted by Teaching Learning centre, Ramanujan College, University of Delhi under the aegis of Ministry of Human Resource Development, Pandit Madan Mohan Malaviya, National Mission on Teachers and Teaching from June 04 to July 01, 2020.

- Underwent a 4-week Orientation Programme through Online for "**Faculty in Universities/Colleges/Institutes of Higher Education**" conducted by Teaching Learning centre, Ramanujan College, University of Delhi under the aegis of Ministry of Human Resource Development, Pandit Madan Mohan Malaviya, National Mission on Teachers and Teaching from September 17 to October 16, 2021.
- Underwent an Online Two-week Refresher Course in “Mathematical Sciences” conducted by Teaching Learning centre, Ramanujan College, University of Delhi under the aegis of Ministry of Human Resource Development, Pandit Madan Mohan Malaviya, National Mission on Teachers and Teaching from 28-01-2023 to 11-02-2023.

26. Research Paper Publications (International & National Journal)

1. S.Ismail Mohideen and M.A. Rifayathali, **Coloring of Intuitionistic Fuzzy Graph using (α, β) -cuts**, International Research Journal of Mathematics, Engineering and IT, Vol. 2, Issue 12, Dec 2015, IF- 2.868, ISSN: (2349-0322), PP: 14-26.
2. A.Prasanna, M.A. Rifayathali and S.Ismail Mohideen, **Strong Intuitionistic Fuzzy Graph Coloring**, International Journal of Latest Engineering Research and Applications (IJLERA), ISSN: 2455-7137, Volume – 02, Issue – 08, August – 2017, PP – 163-169.
3. A.Prasanna, M.A. Rifayathali and S.Ismail Mohideen, **Hesitancy Fuzzy Graph Coloring**, International Journal of Fuzzy Mathematical Archive, Vol. 14, No. 2, 2017, PP: 9-19.
4. A.Prasanna, M.A. Rifayathali and S.Ismail Mohideen, **Anti-Fuzzy Graph Coloring**, International Journal for Science and Advance Research in Technology (IJSART), ISSN [online]: 2395-1052, Vol. 4, No. 4, April-2018, PP: 2598-2603.
5. M.A. Rifayathali, A.Prasanna and S.Ismail Mohideen, **Hesitancy Fuzzy Magic Labeling Graph, Journal of Analysis – Springer, ISSN: 0971-3611, July 2018, pp: 1-15. (UGC Journal No: 45575)**
6. M.A. Rifayathali, A. Prasanna and S. Ismail Mohideen, **Chromatic Excellence in Anti-Fuzzy Graphs**, JASC: Journal of Applied Science and Computations, ISSN NO: 0076-5131, Vol. 5, Issue 7, pp: 305- 316 (2018). **(UGC Journal No: 47955)**
7. M.A. Rifayathali, A. Prasanna and S. Ismail Mohideen, **Coloring of Anti Fuzzy Graph using β -cuts**, JASC: Journal of Applied Science and Computations, ISSN NO: 0076-5131, Vol. 5, Issue 8, pp: 223- 236 (2018). **(UGC Journal No: 47955)**
8. M.A. Rifayathali, A. Prasanna and S. Ismail Mohideen, **Intuitionistic Fuzzy Graph Coloring**, IJRAR- International Journal of Research and Analytical Reviews, e-ISSN 2348 –1269, volume 5, Issue 3, JULY – SEPT 2018, pp: 734-742. **(UGC Journal No: 43602)**
9. M.A. Rifayathali, A. Prasanna and S. Ismail Mohideen, **Chromatic Excellence in Hesitancy Fuzzy Graphs**, International Journal of Research in Advent Technology, E-ISSN: 2321-9637, Vol.6, No.8, August 2018, pp: 1983-1990. **(UGC Journal No: 48768)**

10. M.A. Rifayathali, A. Prasanna and S. Ismail Mohideen, **Hesitancy Fuzzy Labeling Graph**, International Journal of Management, Technology And Engineering, Volume IX, Issue I, JANUARY/2019, ISSN NO : 2249-7455, pp: 318-333. (UGC Journal No: 45550)
11. M.A. Rifayathali, A. Prasanna and S. Ismail Mohideen, **Just Chromatic Excellence in Anti-Fuzzy Graphs**, Bulletin of Pure and Applied Sciences, Vol. 38E (Math & Stat.), No.1, 2019. PP.413-424. (Indian Citation Index & UGC Approved)
12. M.A. Rifayathali, A. Prasanna and S. Ismail Mohideen, **Just Chromatic Excellence in Intuitionistic-Fuzzy Graphs**, Advances and Applications in Mathematical Sciences, Vol. 20, Issue 4, February 2021, pp: 605-613. (Web of Science)
13. M.A. Rifayathali, A. Prasanna and S. Ismail Mohideen, **Anti-fuzzy Labeling Graph**, Journal of Xidian University, VOLUME 14, ISSUE 3, 2020, ISSN No 1001-2400, pp: 508-517. (Scopus)
14. A. Prasanna, M. Premkumar, S. Ismail Mohideen, M. A. Rifayath Ali, **On Fundamental Algebraic Structures of κ -Q-Anti Fuzzy Normed Rings**, International Journal of Advance and Innovative Research, ISSN 2394-7780, Vol. 8, Issue 4, October - December 2021, pp: 346-354.
15. M. A. Rifayath Ali, M. Premkumar, Dhirendra Kumar Shukla, Ashwani Kumar Garg, A. Prasanna, S. Ismail Mohideen, **On fundamental algebraic properties of complex anti-Q fuzzy subrings**, NeuroQuantology, eISSN 1303-5150, Vol 20, Issue 5, May 2022, pp: 1028-1033. (Scopus)

27. Conference / Seminar Attended and Presenting Papers:

1. “ **On Product n^{th} Power Rhotrix**”, at UGC and RMS Sponsored National Conference on Graph Theory and Operations Research (NCGTOR-2014) organized by PG & Research Department of Mathematics, Holy Cross College (Autonomous), Tiruchirappalli-620002 on 3rd and 4th March 2014.
2. “**Hesitancy Fuzzy Graph Coloring**”, at International Conference on Mathematical methods and Computation (ICOMAC 2017) organized by PG & Research Department of Mathematics, Jamal Mohamed College (Autonomous), Tiruchirappalli-620020 on 11th December 2017.
3. “**Hesitancy Fuzzy Magic Labeling Graph**”, at International Conference on Applied Analysis, Mathematical Modeling and Computing Techniques (ICAAMMCT) organized by Department of Mathematics, Gandhigram Rural Institute (Deemed to be University), Gandhigram-624302 on March 15th– 17th, 2018.
4. “**Just Chromatic Excellence in Anti-Fuzzy Graphs**”, at International Conference on Mathematical methods and Computation (ICOMAC 2019) organized by PG & Research Department of Mathematics, Jamal Mohamed College (Autonomous), Tiruchirappalli-620020 on 20th & 21st February 2019.

5. **“Just Chromatic Excellence in Intuitionistic-Fuzzy Graphs”**, at International Conference on Mathematical methods and Computation (ICOMAC 2020) organized by PG & Research Department of Mathematics, Jamal Mohamed College (Autonomous), Tiruchirappalli-620020 on 19th February 2020.
6. **“Anti-fuzzy Labeling Graph”**, at National Conference on Mathematics: “Pure, Applied and Computation” organized by Department of Mathematics, Kongunadu College of Engineering and Technology, Thottium, Trichy on 4th March 2020.
7. **“On Bipolar Fuzzy BCI - Ideals”**, at International Conference on Advances in Science, Engineering and Technology organized by Cheran College of Engineering, Karur from 27-05-2022 to 28-05-2022.

28. Awards / Recognitions:

1. Recipient of Late Saivapperuvallal VVCR Murugesu Mudhaliar Memorial Scholarship prize and Mrs. Valliammal Mayilsamy prize for the academic year 2010-2011 at Arulmigu Palaniandavar College of Arts & Culture, Palani-624601.
2. Won Certificate of Merit for secured First Mark in Programming in C++ and Second Mark in Algebra in the Autonomous examinations held during November 2011 at PG & Research Department of Mathematics, Jamal Mohamed College (Autonomous), Tiruchirappalli-620020.
3. Won Certificate of Merit for secured Second Mark in Topology, Complex Analysis and Numerical Analysis in the Autonomous examinations held during April 2012 at PG & Research Department of Mathematics, Jamal Mohamed College (Autonomous), Tiruchirappalli-620020.
4. Won Certificate of Merit for secured Second Prize in M.Sc Mathematics in the academic year 2013-2014 at Jamal Mohamed College (Autonomous), Tiruchirappalli-620020.
5. Participated and bagged the Best Presentation award for power point presentation titled Hesitancy fuzzy magic labeling graph in the International Workshop on Graph Theory and Internet of things in Engineering organized by Mathematics Division, School of Advanced Sciences, Vellore Institute of Technology, Chennai on July 13-14, 2018.

29. Members in National / International Committees, Editorial Boards (Journals and Conferences)

Editorial Board Member / Reviewer	Title of the Journal / Conference	Indexed	Organizing Agency and Place
Reviewer	Journal of Intelligent & Fuzzy Systems	Scopus and Web of Science	IOS Press, The Netherlands
Reviewer	Asian Research Journal of Mathematics	International, ICI	ICI World of Journal, West Bengal

Reviewer	Arabian Journal of Mathematics (2193-5351)	-	Springer Nature
Reviewer	Asian Journal of Fuzzy and Applied Mathematics (AJFAM) ISSN: 2321-564X	-	Asian Journal of Fuzzy and Applied Mathematics
Reviewer	Journal Of Advanced Applied Scientific Research	Web of Science	Jamal Mohamed College, Tiruchirappalli
Editorial Board Member	International Journal of Mathematics Trends and Technology – IJMTT	UGC approved journal in 2017	Seventh Sense Research Group
National Advisory Committee Member	National Conference on Mathematics: Pure, Applied and Computation 04.03.2020	-	Kongunadu College of Engineering & Technology, Trichy

30. Conference / Seminar attended without Presenting Paper:

S.No	Conference / Workshop/ Seminar/ Webinar	Level	Date (s)
1.	National level Seminar on Mathematics and its Applications, The PG & Research Department of Mathematics, Shrimati Indira Gandhi College, Tiruchirappalli	National	19-09-2011
2.	National Conference on Frontiers in Analysis and Differential Equations (NCFADE-2012) (In Honour of Professor N.Ramanujam on his sixtieth birth Anniversary), Department of Mathematics, Bharathidasan University, Tiruchirappalli	National	19-12-2012 to 20-12-2012
3.	Advanced School on Analysis and International workshop on Mathematical Modelling and Dynamical Systems, Department of Mathematics, Gandhigram Rural Institute-Deemed University, Gandhigram	International	27-02-2013 to 03-03-2013
4.	UGC Sponsored One day National Seminar on Discrete Mathematics and its Applications, PG & Research Department of Mathematics, Jamal Mohamed College (Autonomous), Tiruchirappalli	National	09-03-2013
5.	One day International Conference on Recent Trends in Discrete mathematics and its applications to science and engineering	International	03-12-2013

	(ICODIMA 2013), Department of Mathematics, Periyar Maniammai University, Vallam, Thanjavur		
6.	One day workshop on Data Analysis using SPSS'22, Bharathidasan University, Tiruchirappalli	State	06-01-2014
7.	International Conference on Mathematical methods and Computation (ICOMAC 2014), PG & Research Department of Mathematics, Jamal Mohamed College (Autonomous), Tiruchirappalli	International	13-02-2014 to 14-02-2014
8.	UGC Sponsored One day National Conference on Fuzzy logic and its applications to Computer science & Annual Conference of Kerala Mathematical Association, Department of Mathematics, Baslios Poulouse II Catholicos College, Baslios mount, Mulakulam north (po), Piravom, Kerala	National	20-02-2014 to 22-02-2014
9.	National workshop on Mathematical Analysis, Centre for Research and Post graduate studies in Mathematics, Ayya Nadar Janaki Ammal College, Sivakasi	National	11-03-2014 to 15-03-2014
10.	International Conference on Mathematical methods and Computation (ICOMAC 2015), PG & Research Department of Mathematics, Jamal Mohamed College (Autonomous), Tiruchirappalli	International	22-01-2015 to 23-01-2015
11.	One day State Level Seminar & Workshop on Personality Development & Fashion Portfolio, Department of Fashion Technology & Costume Designing, Jamal Mohamed College (Autonomous), Tiruchirappalli	State	04-03-2015
12.	India Taiwan Conference on Discrete Mathematics, Department of Mathematics, Indian Institute of Technology Madras and the Institute of Mathematical Sciences, Chennai	International	10-07-2015 to 13-07-2015
13.	One day Inter-Collegiate Workshop on E-CONTENT DEVELOPMENT FOR TEACHING-LEARNING, Internal Quality Assurance Cell, Jamal Mohamed College (Autonomous), Tiruchirappalli and JMC Alumni Association (Singapore Chapter)	District	22-12-2015
14.	UGC Sponsored National Conference on Graph Theory, Fuzzy Graph Theory and their Applications, PG & Research Department of	National	10-02-2016 to 11-02-2016

	Mathematics, Jamal Mohamed College (Autonomous), Tiruchirappalli-620020		
15.	State level workshop on LATEX Typesetting Tool, National College (Autonomous), Tiruchirappalli	State	15-09-2016 to 16-09-2016
16.	National workshop on Functional Analysis and Applications, Department of Mathematics, Bharathidasan University, Tiruchirappalli	National	09-03-2017 to 10-03-2017
17.	National workshop on Analysis and Algebra, PG & Research Department of Mathematics, St. Joseph's College (Autonomous), Tiruchirappalli	National	26-02-2018 to 02-03-2018
18.	Workshop on Multivariable Calculus and Applications, Department of Mathematics, Bharathidasan University, Tiruchirappalli	National	08-03-2018 to 10-03-2018
19.	Orientation workshop on SWAYAM, Department of Library & Information Science and UGC-HRDC, Bharathidasan University, Tiruchirappalli	State	29-06-2018
20.	International Workshop on Graph Theory and Internet of things in Engineering, Mathematics Division, School of Advanced Sciences, Vellore Institute of Technology, Chennai	International	13-07-2018 to 14-07-2018
21.	Post conference workshop on Graph Labelings (ICDM VI-2018), National College (Autonomous), Tiruchirappalli	National	18-12-2018 to 19-12-2018
22.	International Workshop on Python Programming, PG & Research Department of Mathematics, Jamal Mohamed College (Autonomous), Tiruchirappalli	International	18-02-2020
23.	Online Research Methodology Workshop, Rest Society for Research International, Krishnagiri	International	12-04-2020-14-04-2020
24.	Webinar on Entrepreneurial Awareness & Identifying Opportunities, Arasu college of Arts & Science for women, Karur	National	28-04-2020
25.	Webinar on How to use Turnitin software for your research, Guru Nanak Institute of Management Studies, Mumbai	National	04-05-2020
26.	Online course on The fundamentals of Digital Marketing, Google Digital Unlocked	International	12-04-2020
27.	Webinar on Joy of orderly living, Kaamadhenu arts and science college, Erode	National	05-05-2020
28.	Webinar on Quantifying the Quality of Research, Dr. Hiren Patel	National	02-05-2020 to 03-05-2020

29.	Webinar on An effective Research paper writing skills, Bhagwan Mahavir University, Surat, Gujarat	National	13-04-2020 to 16-04-2020
30.	National level online workshop on Smart Research Phase-I, Government First Grade college, Kanakapura, Karnataka	National	07-05-2020 to 09-05-2020
31.	Webinar on Bridging Gaps between Technology and Market Expectation, Bhagwan Mahavir University, Surat, Gujarat	National	01-05-2020
32.	Webinar on How to Avoid Plagiarism using URKUND as a Plagiarism Tool, Post Graduate Government College for Girls, Chandigarh & Birla Institute of Management Technology, Greater Noida	National	02-05-2020
33.	Webinar on Secrets to get quickly published as a scientific Author & Hasten your PhD research writing, Aristocrat IT solutions, Chennai	National	10-05-2020
34.	Power seminar Webinar on Employability to Deployability, ICT Academy	National	06-05-2020
35.	Five days online workshop on Mathematical Sciences for CSIR-NET/SET/GATE, Sree Narayana Guru College, Coimbatore	National	11-05-2020 to 15-05-2020
36.	Webinar on Qualitative Analysis of Differential Equations and its Applications, G.T.N. Arts College, Dindigul	National	21-05-2020
37.	A Two days online course on the Essence of Research Methodology, Jamal Mohamed College, Trichy	National	16-05-2020 to 17-05-2020
38.	Three days National level online course on Operations Research, V.H.N.S.N.COLLEGE, VIRUDHUNAGAR.	National	18-05-2020 to 20-05-2020
39.	Webinar on An Insight into NAAC – RAF, V.O.Chidambaram College, Thoothukudi.	National	22-05-2020
40.	5 day online session cum test series “CSIR Prelims – Phony Blue Book”, Ayya Nadar Janaki Ammal College, Sivakasi	National	26-05-2020 to 30-05-2020
41.	Online workshop on Mathematical Analysis, Loyola College, Chennai	National	08-06-2020 to 13-06-2020
42.	Webinar on Graph theory and its Applications, Islamiah Women’s Arts & Science College, Vaniyambadi	National	02-07-2020 to 03-07-2020

43.	Webinar on Professional Development of Teachers through E-Resources, University of Allahabad	National	04-07-2020
44.	Webinar on Data analysis using SPSS software, Besant women's college, Karnataka	National	06-07-2020 to 07-07-2020
45.	Webinar on Understanding Phrase structure Grammars and formal languages with JFLAP Software, S.S.K.V College of arts and science for women, Kanchipuram	National	12-07-2020
46.	Webinar on Linear regression model in machine learning, Sri Eshwar College of Engineering, Coimbatore	National	14-07-2020
47.	Webinar on Introduction to Analysis, Government Arts and Science College, Gudalur	National	15-07-2020
48.	Webinar on Neutrosophic Sets, SSN college of Engineering, Kancheepuram	International	03-08-2020 to 04-08-2020
49.	Webinar on Modern Aspects of Complex Analysis and its applications, Sadguru Gadage Maharaj College, Satara, Maharashtra	National	05-08-2020
50.	Webinar on Recent trends in Mathematical Sciences, Govt. Arts & Science College, Ratlam, M.P.	International	06-08-2020 to 07-08-2020
51.	FDP on Fixed point theory and its applications, St. Joseph's college of Engineering, Chennai	International	08-08-2020 to 09-08-2020
52.	Webinar on National Education policy 2020, a road map for next two decades, Arts Commerce College, Yeoda, Maharashtra	National	12-09-2020
53.	Workshop on The foundations of college Mathematics, Sovarani Memorial College, Hoerah & Saldiha College, Bankura, West Bengal	International	21-09-2020 to 23-09-2020
54.	Seminar on Enhancing Entrepreneurship skills using Mathematical Mind, Manipal University, Jaipur	National	24-09-2020

55.	Workshop on New trends in Fuzzy and Rough set Theory and its applications, Manipal University, Jaipur	International	25-09-2020 to 29-09-2020
56.	Webinar on Applications of Number theory & Algebra in Computer Science, Korambayil Ahamed Haji Memorial Unity women's College, Manjeri, Kerala	National	06-10-2020
57.	Webinar on Applications of Nature inspired optimization techniques for solving real life problems, KPR Institute of Engineering and Technology, Coimbatore	National	08-10-2020
58.	Webinar on Positive & Rational Thinking: Mental Health, Kanya Mahavidyalaya, Miraj, Maharashtra	National	10-10-2020
59.	Webinar on Applications of Mathematics in Real life, Cherran's Arts and Science College, Kangeyam	National	12-10-2020
60.	Webinar on Scholastic Backwardness in Children-Tips for early Identification, PSGR Krishnammal College for women, Coimbatore	National	13-10-2020
61.	STEP Webinar series on Stochastic Process and Mathematical Modelling, Rajagiri School of Engineering and Technology and Centre for Topology and applications, Kochi, Kerala	National	14-10-2020 to 16-10-2020
62.	Webinar on Cryptography and History of Mathematics, Khalsa College, Patiala	National	19-10-2020
63.	Webinar on Career opportunities in Statistics, Marsleeva College of Arts & Science, Idukki, Kerala	National	20-10-2020
64.	Webinar on Rings and Ideals, Korambayil Ahamed Haji Memorial Unity women's College, Manjeri, Kerala	National	23-10-2020
65.	Workshop on Recent trends in Mathematics & its applications, National Institute of Technology, Manipur	National	28-10-2020 to 01-11-2020

66.	Science Academies Lecture workshop on Linear transformation, Matrices and their Applications, Sri Venkateswara University, Tirupati	National	02-11-2020 to 07-11-2020
67.	Webinar on Analysis and Algebra, Bajkul Milani Mahavidyalaya, West Bengal	National	10-11-2020
68.	Webinar on Applications of Differential Equations, Sri Ramakrishna Mission Vidyalaya College of Arts & Science, Coimbatore	National	11-11-2020
69.	Seminar on Present trends in Application of Mathematics, Holy Cross College, Trichy	International	16-11-2020 to 17-11-2020
70.	1 st online conference on Recent trends in Science & Technology, Manav Rachna International Institute of Research and studies, Faridabad, Haryana	National	21-11-2020
71.	Webinar on Importance of Mathematics in Everyday Life, Remuna Degree College, Balasore	International	28-11-2020
72.	Webinar on Applications of Graph Theory, K.S. Rangasamy College of Technology, Tiruchengode	National	30-12-2020
73.	International virtual conference on Recent Development in Computational Mathematics, Rathinam College of Arts & Science, Coimbatore	International	11-01-2021
74.	Webinar on Applications of Partial differential equations in control and inverse problems, Kumaraguru college of Technology, Coimbatore	National	20-01-2021
75.	Webinar on Applications of Mathematics, Government Autonomous P.G. College Chhindwara (M.P)	National	22-01-2021
76.	Webinar on Applications of Calculus in Business & Economics, Vyas institute of Engineering & Technology, Jodhpur	International	28-01-2021

77.	Outreach Programme for college professors on the topic Awareness on MOOCs, V.V.Vanniaperumal College for women, Virudhunagar	National	01-02-2021
78.	Webinar on Soft skills are Life Skills, Arasu Engineering College, Kumbakonam	National	10-02-2021
79.	Webinar on Real Analysis and its Applications, Nishitha Degree College, Nizamabad, Telangana	National	11-02-2021
80.	Webinar on Operation Research and its applications & Role of Magic square, Govt. Adarsh College, Harda, (M.P.)	National	12-02-2021
81.	Webinar on Construction of finite field of polynomials and its application in Cryptography, C. Abdul Hakeem College, Melvisharam	National	17-02-2021
82.	Webinar on Introduction to Python, Radhabai Kale Mahila Mahavidyalaya, Ahmednagar	National	20-02-2021
83.	Webinar on Mathematical approaches in Science and Engineering, Yogi Vemana University, Kadapa, Andhra Pradesh	National	01-03-2021
84.	National level webinar on Recent Trends in Applied Mathematics, Universal Engineering College, Vallivattom, Thrissur, Kerala	National	05-06-2021 to 11-06-2021
85.	Webinar on An Introduction to Linear Algebra for CSIR/SET Exam, Paavai Engineering College (Autonomous), Namakkal	National	25-06-2021
86.	One day online national Symposium on Technology Vision 2035: An Educational Perspective, Thakur College of engineering and Technology, Mumbai	National	26-06-2021
87.	Orientation programme on Technological Innovations and New Possibilities for startup Development, Institutions innovation Council,	National	27-06-2021

	Indira Gandhi National Open University, New Delhi and Regional centre, Bhopal		
88.	Innovation Ambassador training (Advance Level), MoE's Innovation Cell, AICTE	National	30-06-2021 to 30-07-2021
89.	TWO DAY NATIONAL WEBINAR ON DOMINATIONS IN GRAPHS, C.Abdul Hakeem College (autonomous) Melvisharam	National	17-08-2021 to 18-08-2021
90.	One day National level webinar on Awareness programme on Women's Rights, Babu Jagjivan Ram Government Degree College, Hyderabad, Telangana	National	26-08-2021
91.	International virtual conference on Application of Mathematics, Government Arts College, Tiruchirappalli	International	04-09-2021
92.	Webinar on "Lectures on the significant role of algebra and differential equations in the 21 st century", St. Joseph University, Nagaland	National	05-11-2021
93.	Online workshop on Assessment, MTTS Trust, India	National	07-01-2022 to 08-01-2022
94.	Teacher's Enrichment Workshop on Differential Equations and Mathematical Modelling (virtual mode), National centre for Mathematics and Department of Mathematics, Jaypee Institute of Information Technology, Noida, Uttar Pradesh	National	14-02-2022 to 27-02-2022
95.	Workshop on Python Programming, University of Calicut, Malappuram, Kerala	National	08-03-2022 to 22-03-2022
96.	One Day Workshop on Astronomy, Organized by PG & Research Department of Mathematics, Jamal Mohamed College (Autonomous), Tiruchirappalli.	College level	31-08-2021
97.	Science Academies' Virtual Lecture Workshop on "Differential Equations and its Application", PG & Research Department of	College level	21-12-2021 and

	Mathematics, Jamal Mohamed College (Autonomous), Tiruchirappalli.		22-12-2021
98.	Workshop on Fundamentals of Probability Theory and Detection Estimation Theory, Department of Mathematics, Jamal Mohamed College (Autonomous), Tiruchirappalli.	State Level	06-10-2022 to 08-10-2022.
99.	National webinar on Fuzzy Mathematics, Department of Mathematics, Gonzaga college of arts and science for women, Krishnagiri District	National	26-10-2022
100.	National Seminar on “Quality improvement in technical education through outcome based education” in association with National Assessment and Accreditation Council (NAAC), IQAC of BRCM College of Engineering and Technology, Bahal, Bhiwani, Haryana	National	04-11-2022 to 05-11-2022
101.	Workshop on “Introduction to Math Computing using SageMath”, Department of Mathematics, University of Calicut, Kerala	National	08-12-2022 to 24-12-2022
102.	International Conference on Mathematical Methods and Computation, Department of Mathematics, Jamal Mohamed College (Autonomous), Tiruchirappalli.	International	21-12-2022 to 22-12-2022
103.	IP Awareness/Training Program under National Intellectual Property Awareness Mission, Intellectual Property office, India	National	04-01-2023
104.	Science Academies Lecture workshop on “Differential Equations and their applications in Mathematical Modeling”, Department of Mathematics, Jamal Mohamed College (Autonomous), Tiruchirappalli.	National	06-01-2023 to 07-01-2023

31. Co-Curricular Activities Achievements

1. Participated in the State level Intercollegiate Competition in Mathematics and won the Second place in Surprise Event, Third place in Master Mind event and Third place in Mix-up event at MATROQUIZ-12 organized by Department of Mathematics, Thanthai Hans Roever college, Perambalur-621212.
2. Participated in the MATH FEST event and MATH RANGOLI event at MATH GENE '13 organized by Holy Cross College (Autonomous), Tiruchirappalli-620002 on 19th January 2013.
3. Participated in the Paper Presentation event at Integration-2013 organized by Department of Mathematics, Gandhigram Rural Institute-Deemed University, Gandhigram-624302 on 14th February 2013.
4. Participated in the State level Quiz Competition organized by PG & Research Department of Mathematics, Jamal Mohamed College (Autonomous), Tiruchirappalli-620020 on 20-02-2013.
5. Participated in the State level Inter-collegiate Competition in Mathematics and won the Third place in P.P.T event at SLICCM-2013 organized by PG & Research Department of Mathematics, Nehru Memorial College (Autonomous), Puthanampatti-621007, Tiruchirappalli (Dt), on 26-02-2013.
6. Participated in Quiz Competition event at Inter-collegiate Quiz Competition organized by PG & Research Department of Mathematics, Rajah Serfoji Government College (Autonomous), Thanjavur-613005 on 15th March 2013.
7. Participated in the campaign “International Day against Drug Abuse and Illicit Trafficking” organized by Tamilnadu Police on 26th June, 2015.
8. Participated and won the Prize in State Level Essay Competition on “Can Tamil Nadu students be indifferent to learning Hindi?” conducted by Nandini Voice For The Deprived (A Chennai based not for Profit Organization) during the month of August 2015.
9. Participated in the Integrity Pledge conducted through online by Central Vigilance Commission, New Delhi on November 12, 2016.
10. Participated in the Governance Quiz 2018 conducted through online by MyGov, Government of India on May 26, 2018.
11. Participated in the Yoga Quiz 2018 conducted through online by MyGov, Government of India on May 26, 2018.
12. Participated in the Quiz on Freedom Struggle 2018 conducted through online by Ministry of Defence, Government of India on July 29, 2018.
13. Participated in the Sports Quiz 2018 conducted through online by MyGov and Ministry of Youth Affairs and Sports, Government of India on August 31, 2018.
14. Participated in the Babu@150 Quiz in Hindi language conducted through online by MyGov, Government of India on October 31, 2018.
15. Participated in the Babu@150 Quiz in English language conducted through online by MyGov and Gandhi Smriti and Darshan Samiti, Government of India on October 31, 2018.

16. Participated in the Quiz on Swachh Bharat Abhiyan conducted through online by MyGov & National Academy of Customs, Indirect Taxes & Narcotics (NACIN), Government of India on October 31, 2018.
17. Participated in the MyGov weekly Quiz conducted through online by MyGov, Government of India on October 31, 2018.

32. Resource Person / Evaluator / Chair Person

S.No	Programme	Role	Level / Topic	Date
1	State Level 23 rd National Children's Science Congress-2015, A Programme of NCSTC, Govt. of India, New Delhi & Tamilnadu Science Forum, Bharathidasan University, Khajamalai Campus, Tiruchirappalli	Evaluator	District level School Students Project	14-11-2015
2	State Level 23 rd National Children's Science Congress-2015, A Programme of NCSTC, Govt. of India, New Delhi & Tamilnadu Science Forum , Sudharsan Polytechnic College, Sathiamangalam, Pudukkottai	Evaluator	District level School Students Project	18-11-2015
3	State Level 24 th National Children's Science Congress-2016, A Programme of NCSTC, Govt. of India, New Delhi & Tamilnadu Science Forum, M.A.M. College of Engineering, Tiruchirappalli	Evaluator	District level School Students Project	30-11-2016
4	State level 26 th National Children's Science Congress-2018, A Programme of NCSTC, Govt. of India, New Delhi & Tamilnadu Science Forum , Department of Women studies at Bharathidasan University, Khajamalai Campus, Tiruchirappalli	Evaluator	District level School Students Project	28-10-2018

5	The Future Scientist by The Hindu Tamil Daily, VIT and TNSF, National College, Trichy	Evaluator	District level School Students Project	13-10-2019
6	National Children's Science Congress-2019, A Programme of NCSTC, Govt. of India, New Delhi, SBIOA School, Trichy	Evaluator	District level School Students Project	03-11-2019
7	National Conference on Mathematics: Pure, Applied and Computation, Kongunadu College of Engineering & Technology, Trichy	Chair Person	National level	04-03-2020
8	Social innovation for sustainable living and Covid: children's issues in pandemic situation, Training for School teachers for NCSC-2020, Tamilnadu Science Forum, Tiruchirappalli district	Resource Person	District level	05-11-2020
9	Social innovation for sustainable living and Design Development and Modelling for sustainable living, Training for School teachers for NCSC-2020, Tamilnadu Science Forum, Kallakurichi district	Resource Person	District level	07-11-2020
10	Social innovation for sustainable living and Covid: children's issues in pandemic situation, Training for School teachers for NCSC-2020, Tamilnadu Science Forum, Villupuram district	Resource Person	District level	11-11-2020
11	Inauguration of Mathematics Association (UAP), Post Graduate Department of Mathematics, National College (Autonomous), Tiruchirappalli 620001	Resource Person	Introduction to Sagemath Software	02-11-2021
12	29 th National Children's Science Congress 2021,(A Programme of NCSTC, Govt. of India, New Delhi) Tamilnadu Science Forum, Tiruchirappalli District	Evaluator	District level School Students Project	16-12-2021

13	Webinar on Introduction to Sagemath Software, Rabiammal Ahamed Maideen College for women, Tiruvarur 610 001	Resource Person	Introduction to Sagemath Software	09-06-2022
14	A ten day UGC NTA – NET Exam Coaching for Paper-I, Placement Cell, Jamal Mohamed College (Autonomous), Tiruchirappalli	Resource Person	Data Interpretation	06-09-2022
15	Two week online International Faculty Development Program on “Current Trends in Applications of Mathematics”, Department of Mathematics, School of sciences and Humanities, Vel Tech Rangarajan Dr. Sagunthala R&D Institute of science and Technology, Avadi, Chennai	Resource Person	Introduction to SageMath software	25-09-2022
16	District Level 30 th National children’s science congress 2022-23, Anna University (BIT Campus), Tiruchirappalli	Evaluator	-	26-11-2022
17	Seven days national online Faculty Development Program on “Research Methodology: Analysis, Tools & Techniques”, IQAC and Department of Mathematics, Theivanai Ammal College for Women, Villupuram	Resource Person	Introduction to SageMath software	01-01-2023

33. Participation in Faculty Development Programme:

S.No.	Orientation / Refresher Course	Institution where attended and Place	Date(s)
1.	Two weeks Faculty Development Programme on Managing online classes and Co-creating Moocs	MHRD, Govt. of India & Ramanujan college, University of Delhi, New Delhi	20-04-2020 to 06-05-2020

2.	Faculty Development Programme on Data Science USING R and Geo Gebra	Jamal Mohamed College, Trichy in association with Spoken Tutorial, IIT Bombay	11-05-2020 – 14-05-2020
3.	10 Days Faculty Development Programme on Innovative Knowledge tuning for Academicians	St. Peter's Institute of Higher Education and Research, Chennai	18-05-2020 to 27-05-2020
4.	Online Faculty Improvement Programme in the Advances in Linear Algebra and Differential Equations	PG & Research Department of Mathematics (Under DBT Star College Scheme), Jamal Mohamed College (Autonomous), Tiruchirappalli	09-07-2020 to 10-07-2020
5.	Five day FDP on Mathematical concepts by using free open source softwares	BMS Institute of Technology and Management, Bangalore	21-07-2020 to 25-07-2020
6.	One week online FDP on Mathematical Modeling & Numerical Techniques	Kakatiya Institute of Technology and Science, Warangal, Telangana	27-07-2020 to 31-07-2020
7.	FDP on Discrete Mathematics, Graph Theory and its applications	Universal Engineering College, Thrissur, Kerala	17-08-2020 to 21-08-2020
8.	5-Day FDP on Applied Mathematical Skills for science and engineering using contemporary tools	Maulana Abdul Kalam Azad University of Technology, West Bengal and Islamic University of Science and Technology, Jammu and Kashmir	14-09-2020 to 18-09-2020
9.	Three week Faculty Development Program	Saint Francis De Sales College, Nagpur, Maharashtra	01-12-2020 to 23-12-2020
10.	Two days FDP on Application of Mathematics	Vel Tech Multi Tech, Chennai	06-01-2021 to 07-01-2021
11.	Faculty Development Programme on Algebra and Analysis	PG & Research Department of Mathematics (Under DBT Star College	09-02-2021 to 11-02-2021

		Scheme), Jamal Mohamed College (Autonomous), Tiruchirappalli	
12.	One week National level online FDP on Number Theory & Its Applications	Gates Institute of Technology, Gooty, Andhra Pradesh	14-06-2021 to 19-06-2021
13.	Faculty Development Programme on Outcome based Education	Rajeev Gandhi College of Management Studies, Ghansoli	13-01-2022 to 19-01-2022
14.	One week Faculty Development Programme on ICT Tools for E-Content Development	PG & Research Department of Mathematics, Jamal Mohamed College (Autonomous), Tiruchirappalli	24-01-2022 to 29-01-2022
15.	One week Faculty Development Programme on “Data Analytics & Mathematical Software Tools”	Teaching Learning Centre, Ramanujan College, University of Delhi (under the aegis of MINISTRY OF EDUCATION, Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching)	25-02-2022 to 03-03-2022
16.	International Faculty Development Programme (FDP) on Data Analytics and Machine Learning	Mizoram University and North-Eastern Hill University, India	21-03-2022 to 25-03-2022
17.	One week National level online FDP on Number Theory & Its Applications	Gates Institute of Technology, Gooty, Andhra Pradesh	14-06-2021 to 19-06-2021
18.	Two week international FDP on “Research Perspectives in Mathematics and its applications”	Department of Mathematics, Sathyabama Institute of science and technology, Chennai	04-07-2022 to 16-07-2022
19.	Two week online International Faculty Development Program on “Current Trends in	Department of Mathematics, School of sciences and Humanities, Vel Tech Rangarajan Dr. Sagunthala	21-09-2022 to 04-10-2022

	Applications of Mathematics”	R&D Institute of science and Technology, Avadi, Chennai	
20.	One week online FDP on “Recent Research area and its applications in Mathematics”	Vel Tech Rangarajan Dr. Sagunthala R&D Institute of science and Technology, Avadi, Chennai	10-10-2022 to 15-10-2022
21.	Faculty Development Programme on Exordium to MOOCS & Swayam	IQAC and Department of Mathematics, Jamal Mohamed College (Autonomous), Tiruchirappalli.	16-12-2022
22.	Seven days national online Faculty Development Program on “Research Methodology: Analysis, Tools & Techniques”	IQAC and Department of Mathematics, Theivanai Ammal College for Women, Villupuram	28-12-2022 to 03-01-2023

34. Membership in Academic Bodies:

- Life member in Tamilnadu Science Forum

35. Weblinks:

Website	https://sites.google.com/view/drmarifayathali/faculty
YouTube Channel	https://www.youtube.com/channel/UCruU9Ib34BY42wLFjQKkX5g
Face Book Page	https://www.facebook.com/100002308889106/posts/3667175973369329/?app=fbl
Google Scholar	https://scholar.google.co.in/citations?user=Z8KnL4UAAA&hl=en
Research Gate	https://www.researchgate.net/profile/M_A_Rifayathali2
Orcid ID	https://orcid.org/0000-0003-2683-687X
Publons ID	https://publons.com/researcher/3527315/rifayathali-m-a/
LinkedIn ID	https://in.linkedin.com/in/dr-m-a-rifayathali-2b682658
vidwan	https://vidwan.inflibnet.ac.in/profile/352766