

RESUME

1. **Name** : Dr. M. MOHAMED ALTHAF
2. **Date of Birth** : 07-11-1990
3. **Age** : 30 years
4. **Religion** : Muslim
5. **Community** : BC - Labbai
6. **Nationality** : Indian
7. **Marital Status** : Married
8. **Address** : 3/1129 Panneerselvam street,
Burma Colony, Oil mill
Kattur, Trichy-620 019.
9. **E-Mail** : althaf2maths@gmail.com
10. **Mobile No.** : 8438123172



11. Date of Joining in Jamal Mohamed College :

Started Working as an **Assistant Professor** in the PG & Research Department of Mathematics (SF) from 01-10-2014 at **Jamal Mohamed College**, Tiruchirappalli-620020, Tamil Nadu.

12. Educational Qualification:

| Course | Institution | Board / University | Percentage & Class | Year of Passing |
|--------------------|--|---------------------------|---|------------------------|
| Ph.D Mathematics | Jamal Mohamed College, Tiruchirappalli-20. | Bharathidasan University | Commended | 2020 |
| M.Phil Mathematics | Jamal Mohamed College, Tiruchirappalli-20. | Bharathidasan University | 83.8% 1 st class with Distinction | 2014 |
| M.Sc. Mathematics | Jamal Mohamed College, Tiruchirappalli-20. | Bharathidasan University | 75.5% 1 st class | 2013 |
| B.Sc. Mathematics | Jamal Mohamed College, Tiruchirappalli-20. | Bharathidasan University | 67.8% 1 st class | 2011 |
| HSC | Khajamian Higher Secondary School, Tiruchirappalli-20. | State | 62.7% 1 st class | 2008 |
| SSLC | Khajamian Higher Secondary School, Tiruchirappalli-20. | State | 66.4% 1 st class | 2006 |

13. Teaching Experience (as on 31.03.2023):

Under Graduate : 8 Years 6 Months
Post Graduate : 8 Years 6 Months
M.Phil. : 4 Years

14. Languages known : English & Tamil

15. Area of Specialization : Analysis, Operations Research and Fuzzy Analysis

16. Subjects Taught:

| | |
|-----------------------|---|
| Under Graduate | <ol style="list-style-type: none">1. Numerical Methods2. Statistics3. Differential Equations and Vector Calculus4. Operations Research5. Probability and Statistics6. Algebra and Trigonometry7. Calculus |
| Post Graduate | <ol style="list-style-type: none">1. Linear Algebra2. Mathematical Foundation3. Operation Research4. Fuzzy Sets and Their Applications5. Measure and Integration |
| M.Phil | <ol style="list-style-type: none">1. Network Optimization |

17. Research Experience:

| Research Stage | Title of Work / Thesis | College/ University where the work was carried out |
|-----------------------|---|---|
| M.Phil | A Study on Fuzzy Detour Boundary Vertices and Fuzzy Detour g-Centre in Fuzzy Graphs | Jamal Mohamed College/ Bharathidasan University, Trichy |
| Ph.D. | Contributions to Fixed Point Theorem on Fuzzy Metric Spaces Using Some Special Types of Functions | Jamal Mohamed College/ Bharathidasan University, Trichy |

18. Swayam Courses:

- Successfully Completed 8-weeks NPTEL Online Certification Course on “Operations Research” with a consolidated score of 70% and got Elite Certificate Organized by IIT Roorkee in the Swayam Portal.

19. Administrative Position held in the College:

- Member – Curriculum Development Cell, from June 2019.
- Member – NIRF, Jamal Mohamed College, from 2019.
- Internal Board of Studies Member of Mathematics Department.
- ERP In-charge of Mathematics Department.
- Website In-charge of Mathematics Department.
- CIA Test In-Charge of Mathematics Department.
- Tutor – I UG of Mathematics Department.

20. Administrative Position held Outside College:

- Conducted Central Govt. Co-Operative Examination as a Chief Invigilator in our College on 28.11.2020 and 29.11.2020.
- UG Question Paper Setting Scrutiny Member in Bharathiar University, Coimbatore.
- Selected as a Presiding Officer in the Local Body Election.

21. Seminars and Workshops Organized

- Organized a Faculty Development Programme on Data Science USING R PROGRAMMING and GEO GEBRA (Under DBT Star College Scheme) in association with Spoken Tutorial, IIT Bombay from 11-05-2020 to 14-05-2020.

22. E-Content:

- Sequencing Problem - <https://www.youtube.com/watch?v=Ec-AS98Qxlc&t=116s>
- Assignment Method 1- <https://www.youtube.com/watch?v=SYnptyoLei0&t=65s>
- Assignment Method 2- <https://www.youtube.com/watch?v=pz43bK5ItH4&t=63s>
- Assignment Method 3- <https://www.youtube.com/watch?v=5coHY-dsctc&t=8s>
- Problem on Numbers 1- <https://www.youtube.com/watch?v=wfyCbAu0mk0&t=180s>
- Problem on Numbers 2- <https://www.youtube.com/watch?v=RkE6nYOOwCY>

23. Details of Orientation / Refresher Course Attended:

- Participated in four days 'Refresher Course for College Teachers in Kerala State (Measure Theory)' organized by Kerala School of Mathematics (KSoM), Kozhikode, Kerala from 19th to 22nd February 2015.
- Participated in four days 'Refresher Course for College Teachers in Kerala State (Topology)' organized by Kerala School of Mathematics (KSoM), Kozhikode, Kerala from 23rd to 26th August 2015.
- 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 on June 04 - July 01 2020.

24. Research Paper Publications (International & National Journal):

| INTERNATIONAL | | | Total |
|---------------|-----|-----|-------|
| Scopus | UGC | ICI | |
| 2 | 3 | 1 | 06 |

- "Some Results on Fixed Point Theorems in Fuzzy Metric Spaces" International Journal of Mathematical Archive-9(1), 66-70, 2018.
- "Fixed Point Theorems in Strong Fuzzy Metric Spaces Using Control Function", International Journal of Pure and Applied Mathematics, Volume 118 No. 6, 389-397, 2018.
- "Fixed Point Theorems in Strong Fuzzy Metric Spaces Using Generalized Altering Distance Function" Journal of Physical Sciences, Vol. 23, 67-75, 2018.
- "Altering Distance Function on Some Fixed Point Theorems in Fuzzy Metric Spaces", American International Journal of Research in Science, Technology, Engineering & Mathematics, ISSN: 2328-3491, 306-313, 2019.

5. **“Fixed Point Theorems for Integral Type Contraction in Fuzzy Metric Spaces Using Altering Distance Function”**, Bulletin of Pure and Applied Sciences, Vol. 38E (Math & Stat.), No.1, P.425-431, 2019.
6. **“Fixed Point Theorems in Orthogonal Fuzzy Metric Spaces Using Altering Distance Function”** Advances and Applications in Mathematical Sciences, Vol. 20, Issue 6, 1175-1185, 2021.

25. Conference / Seminar Attended and Presenting Papers:

- Presented a paper on **Some Results on Fixed Point Theorems in Fuzzy Metric Spaces**, in the International Conference on Intuitionistic Fuzzy Sets and Systems organized by PG and Research Department of Mathematics, Vellalar College for Women (Autonomous), Erode-12 from 8th January to 10th January 2018.
- Presented a paper on **Altering Distance Function on Some Fixed Point Theorems in Fuzzy Metric Spaces**, in the 2nd International Conference on Current Scenario in Pure and Applied Mathematics organized by PG and Research Department of Mathematics, Kongunadu Arts and Science College (Autonomous), Coimbatore-24 on 3rd January 2019.
- Presented a paper on **Fixed Point Theorems for Integral Type Contraction in Fuzzy Metric Spaces Using Altering Distance Function**, in the UGC Sponsored International Conference on Mathematical Methods and Computation organized by PG and Research Department of Mathematics, Jamal Mohamed College (Autonomous), Trichy-24 on 20th and 21st February 2019.
- Presented a paper on **Fixed Point Theorems in Orthogonal Fuzzy Metric Spaces Using Altering Distance Function**, in the UGC Sponsored International Conference on Mathematical Methods and Computation Organized by PG and Research Department of Mathematics, Jamal Mohamed College (Autonomous), Trichy-24 on 19th February 2019.

26. Awards / Recognitions:

- Won **A.SHAMSUDEEN AWARD** for having secured **First Mark** in the Ordinary Differential Equation's paper of I PG in Jamal Mohamed College.
- Selected for the **Best Paper Award** during the 2nd International Conference on Current Scenario in Pure and Applied Mathematics held at Kongunadu Arts and Science College (Autonomous), Coimbatore on 3rd January 2019.
- Received **Merit Certificates** in Differential Equation, Advanced Graph Theory, Ordinary Differential Equation's and Classical Dynamics in Jamal Mohamed College.

27. 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 | Journal of Advances in Mathematics and Computer Science | International, ICI | ICI World of Journal, West Bengal |

28. Seminars / Conferences / Workshops Attended:

- Participated in the National Seminar on **“ALGEBRA AND GRAPH THEORY”** in Srinivasan College of Arts & Science at Perambalur.
- Participated in the One Day National Seminar on **“DISCRETE MATHEMATICS AND ITS APPLICATIONS”** at Jamal Mohamed College.
- Participated in a One Day workshop on **“Data Analysis using SPSS’ 22”** organized by Bharathidasan University, Trichy-20 on 6th January 2014.
- Participated in the Two Day International Conference on **‘Mathematical Methods and Computation’** held at **Jamal Mohamed College**, Trichy-20 on 13th and 14th February 2014.
- Participated in the Three Day UGC Sponsored National Conference on **“Fuzzy Logic and its Applications to Computer Science and Annual Conference of Kerala Mathematical Association”** Organized by Department of Mathematics, Baselios Poulse II Catholicos College, Piravom, Kerala-64 on 20-22 February 2014.
- Attended in the Two Day UGC Sponsored National Level Seminar on **‘New Trends in Analysis’** held at **Nehru Arts and Science College**, Kanhangad Kerala-671314 on 25th and 26th September 2014.
- Participated in the Two Day International Conference on **‘Mathematical Methods and Computation’** held at **Jamal Mohamed College**, Trichy-20 on 22nd and 23rd January 2015.
- Participated in the State Level Seminar on **‘Computing and Communication Technologies’** Organized by **Jamal Mohamed College**, Trichy-20 on 25th Feb 2015.
- Participated in the National Level Seminar on **‘National Conference on Advanced Computing’** Organized by **Jamal Mohamed College**, Trichy-20 on 5th March 2015.

- Participated in the One Day National Conference on **“Computing and Communication Technologies”** Organized by PG Department of Information Technology, Jamal Mohamed College, Tiruchirappalli-20 on 17th September 2016.
- Participated in the Seminar on **“The Role of a Teacher in the Present Scenario”** Organized by the Internal Quality Assurance Cell of the Jamal Mohamed College, Tiruchirappalli-20 on 03.12.2016.
- Participated in the Two day Faculty Development Program on **“Presentation Skills Level 1”** Conducted by ICT Academy held at Jamal Mohamed College, Tiruchirappalli-20 on 23-24 February 2017.
- Participated in the One Day National Conference on **“Advanced Computing”** Organized by PG and Research Department of Computer Science, Jamal Mohamed College, Tiruchirappalli-20 on 15th March 2017.
- Participated in the One Day International Conference on **‘Mathematical Methods and Computation’** held at Jamal Mohamed College, Trichy-20 on 11th December 2017.
- Participated in the **“Workshop on Pedagogical knowledge of Mathematics (Teaching Linear Algebra)”** held at Kerala School of Mathematics(KSoM), Kerala from 24th to 26th March 2018.
- Participated in the One-Day workshop on **“Improving Teaching Practices - A Strategic Approach”** Organized by the Internal Quality Assurance Cell of Jamal Mohamed College, Tiruchirappalli-20 on 23rd June 2018.
- Participated in the **“Orientation Programme on Preparing Course Outcomes in Curriculum Design”** Organized by Curriculum Development Cell, Jamal Mohamed College. Tiruchirappalli-20 on 03.01.2020
- Participated in the **“International Workshop on Python Programming”** Organized by PG & Research Department of Mathematics, Jamal Mohamed College, Tiruchirappalli-20 on 18.02.2020.
- Participated in Four days Webinar on **“An Effective Research Paper Writing Skills”** Organized by Bhagwan Mahavir University, Surat, Gujarat on 13-16, April 2020.
- Participated in the Webinar on **“Virtual Reality”** Organized by Bhagwan Mahavir University, Surat, Gujarat on 20th April 2020.
- Participated in Live Webinar on **“Recent Advancement of Education and Technology”** Organized by International Journal of Advance Study and Research Work, Pune on 1st May 2020.
- Participated in the interactive Webinar on **“ Quantifying the Quality of Research”** enfolded by Dr. Hiren Patel on 02-03, May 2020.

- Participated in the Webinar on **“Documentation Using Latex”** Organized by Arasu College of Arts and Science for Women on 4th May 2020.
- Participated in the National Level Webinar on **“Joy of Orderly Living”** Organized by Kaamadhenu Arts and Science College, Erode on 5th May 2020.
- Participated in the Online Panel Discussion on **“Impression of COVID-19: From Layman to Business Man ”** Organized by V.V.Vanniaperumal College for Women, Virudhunagar on 9th May 2020.
- Participated in National Level Online Workshop on **“Smart Research”** Phase-I organized by IQAC of Government First Grade College, Kanakapura on 07-09 May 2020.
- Successfully Completed the **“Mock Aptitude Test”** Organized by Cauvery College for Women, Trichy on 9th May 2020.
- Participated in the **“NAAC Awareness Programme for Faculty”** Organized by Marathwada Mitra Mandal Institute of Technology(MMIT), Pune on 08-14 May 2020.
- Participated in the **“Scilab”** training organized at D.K.M. College for Women in January 2020 semester, with course material provided by the spoken Tutorial Project, IIT Bombay.
- Participated in the **“LaTex”** training organized at D.K.M. College for Women in January 2020 semester, with course material provided by the spoken Tutorial Project, IIT Bombay.
- Participated in the **“Python 3.4.3”** training organized at D.K.M. College for Women in January 2020 semester, with course material provided by the spoken Tutorial Project, IIT Bombay.
- Participated in the **“R”** training organized at D.K.M. College for Women in January 2020 semester, with course material provided by the spoken Tutorial Project, IIT Bombay
- Participated in the Webinar on **“Personal Effectiveness-Need of the Hour”** Organized by Sakthi Institute of Information and Management Studies, Pollachi on 14th May 2020.
- Participated in the **“GeoGebra 5.04”** training organized at Jamal Mohamed College in January 2020 semester, with course material provided by the spoken Tutorial Project, IIT Bombay
- Participated in the **“R”** training organized at Jamal Mohamed College in January 2020 semester, with course material provided by the spoken Tutorial Project, IIT Bombay.

- Participated in the National Webinar on **“Research Publication: Skills, Ethics and Misconducts”** Organized by Kumaraguru College of Technology, Coimbatore on 15th May 2020.
- Participated in Five Days Online Workshop on **“Mathematical Sciences for CSIR – NET/SET/GATE”** Organized by Sree Narayana Guru College, Coimbatore on 11-15 May 2020.
- Participated in the National Webinar on **“Maintaining the Academic Interest of Students: During and After Lockdown”** Organized by Shri Jai Narayan Mishra PG College, Luknow on 16th May 2020.
- Participated in the Webinar on **“How to Prepare for Competitive Exams”** Organized by Organized by Trinity College for Women, Namakkal on 18th May 2020.
- Participated in Three Days National Level Online Course on **“Operations Research”** Organized by Virudhunagar Hindu Nadars’ Senthikumara Nadar College, Virudhunagar on 18-20 May 2020.
- Participated in the Webinar on **“Cybergogy for 21st Century Classrooms”** Organized by Inter-University Centre for Teachers Education [IUTCE], Gujarat on 18-19 May 2020.
- Participated in the Online Workshop on **“Personality Development-Unlearn to Learn The Skill”** Organized by National College, Trichy on 19th May 2020.
- Participated in the Webinar on **“Applications of Mathematics”** Organized by Nallamuthu Gounder Mahalingam College, Pollachi on 19th May 2020
- Participated in the National Webinar on **“Entrepreneurial Challenges and Opportunities”** Organized by Rathinam College of Arts and Science, Coimbatore on 20th May 2020.
- Participated in the National Webinar on **“Taking Research Forward During the Pandemic”** Organized by Loyola College, Chennai on 20th May 2020.
- Participated in Two Days Online Workshop on **“Basics of MATLAB and its Engineering Applications”** Organized by PES’s Modern College of Engineering, Pune on 21 and 22 May 2020.
- Participated in the Webinar on **“Guidelines for Writing a Research Paper”** Organized by Arasu Engineering College, kumbakonam on 22nd May 2020.
- Participated in the One Day National Level Webinar on **“Concept Development and Model Building for Social Science Research”** Organized by Kongu Arts and Science College, Coimbatore on 27th May 2020.
- Participated in the Webinar on **“Recent Research Directions in Distance in Graphs”** Organized by Ayya Nadar Janaki Ammal College, Sivakasi on 28th May 2020.

- Participated in the Online National Webinar on **“Indian Science: COVID 19 Scenario”** Organized by Jamal Mohamed College, Trichy on 29th May 2020.
- Participated in the **“Importance of Literature Survey in Research Work”** Organized by Soka Ikeda College of Arts and Science for Women, Chennai 30th May 2020.
- Participated in the Online Webinar on **“Katrath Inithu Aasiriyargalum Aasiriyargalum”** Organized by Tamilnadu Science Forum (TNSF), Trichy 2nd June 2020.
- Participated in the Webinar on **“Wireless Communication Essentials”** Organized by Jeppiaar Institute of Technology, Sriperumbudur on 2nd June 2020.
- Participated in the Webinar on **“Applications of Differential Equations”** Organized by Kongunadu Arts and Science College, Coimbatore on 4th June 2020.
- Participated in the International Webinar on **“Maple Software for Beginners: A Mathematical Tool”** Organized by K.L.E. Society’s Jagadguru Tontadarya College, Betgeri, Karnataka on 5th June 2020.
- Participated in the International Digital Webinar on **“Traditional Classroom vs Digital Platform Classroom”** Organized by Thiruvalluvar College, Papanasam and ASDF International United Kingdom on 10th June 2020.
- Participated in the National Webinar on **“Mathematical Modelling of COVID 19”** Organized by Bishop Cotton Women Christian College, Bengaluru on 12th June 2020.
- Participated in the Webinar on **“Applications of Fuzzy Mathematics”** Organized by Sengamala Thayaar Educational Trust Women’s College, Mannargudi on 15th June 2020.
- Participated in the Webinar on **“The Solar Eclipse and its Significance”** Organized by Jamal Mohamed College with TNSF, Trichy on 20th June 2020.
- Participated in the International Webinar on **“Recent Trends on Domination in Graphs”** Organized by V. O. Chidambaram College, Thoothukudi on 25th June 2020.
- Participated in the International Webinar on **“Mathematical Approach of Solute Transport Modelling”** Organized by KIET Group of Institutions, Ghaziabad on 27th June 2020
- Participated in the Webinar on **“Calmness in the World of Chaos”** Organized by Sakthi Institute of Information and Management Studies, Pollachi association with Yogoda Sastanga Society of India on 28th June 2020.
- Participated in the One Day Webinar on **“Recent Trends in Mathematics”** Organized by Indian Institute of Information Technology, Kottayam on 29th June 2020.

- Participated in the Webinar on **“Optimization Models using Fuzzy Numbers”** Organized by Holycross College, Trichy on 30th June 2020.
- Participated in the Two Days National Webinar on **“Fluid Mechanics”** Organized by KGiSL Institute of Technology, Coimbatore 29-30 June 2020.
- Participated in the National Webinar on **“Algebra and Analysis”** Organized by R. V. Government College, Chengalpattu on 3rd July 2020.
- Participated in the **“Awareness Programme on NAAC Revised Accreditation Framework”** Organized by Kongu Arts and Science College, Erode on 3rd July 2020.
- Participated in the Webinar on **“Professional Development of Teachers through e-Resources”** Organized by Department of Education, University of Allahabad, Prayagraj on 4th July 2020.
- Participated in the Live Webinar on **“Inner Product Space”** Organized by Urumu Dhanalakshmi College, Trichy on 6th July 2020.
- Participated in the National Webinar on **“Graphs Colouring Problems”** Organized by V. O. Chidambaram College, Thoothukudi on 8th July 2020.
- Participated in the Live Webinar on **“Complex Analysis”** Organized by Urumu Dhanalakshmi College, Trichy on 10th July 2020.
- Participated in the Fourth JNU Workshop for Empowering Teaching through Online Mode (JNU-WETOM IV) on **“Going Online: Classroom, Field Work & Research”** Organized by Jawaharlal Nehru University, NewDelhi on 11-12 July 2020
- Participated in the Webinar on **“Linear Regression Model in Machine Learning”** Organized by Sri Eashwar College of Engineering, Coimbatore on 14th July 2020.
- Participated in the National Webinar on **“An Overview of MATLAB”** Organized by Guru Nanak College, Chennai on 22nd July 2020.
- Participated in the National Webinar on **“Soft Topology and Its Applications”** Organized by Paavai Engineering College, Namakkal on 24th July 2020.
- Participated in the Webinar on **“Distance Edge Colouring of Graphs”** Organized by Kamaraj College, Thoothukudi on 29th July 2020.
- Participated in the Webinar on **“Homomorphism on Cyclic Groups”** Organized by Government College for Women, Kumbakonam on 31st July 2020.
- Participated in the National Level Webinar on **“Mutually Orthogonal Latin Squares and Conjecture of Euler and Machine Learning for Computer Vision”** Organized by DR.A.V.Baliga College of Arts and Science, Karnataka on 11th August 2020.

- Participated in the Webinar on **“National Educational Policy 2020”** Organized by IQAC of Jamal Mohamed College, Trichy on 8th August 2020.
- Participated in the One Day National Level Webinar on **“Matrix and its Applications to Differential Equations”** Organized by Aiman College of Arts and Science for Women, Trichy on 8th August 2020
- Participated in the Two Day International Webinar on **“Algebra, Analysis and Topology”** Organized by Bankura University on 13-14 August 2020.
- Participated in the One Day National Level Webinar on **“Minding Our Minds During the COVID-19”** Organized by Aiman College of Arts and Science for Women, Trichy on 16th August 2020.
- Participated in the Webinar on **“Best Practices in Acquiring Scholarly Knowledge”** Organized by Library and IQAC of Jamal Mohamed College, Trichy on 16th August 2020.
- Participated in the Workshop on **“Best Practices of ICT Tools in Teaching and Learning”** Organized by Paavai Engineering College, Namakkal on 29th August 2020.
- Participated in the International E-Workshop on **“The foundations of College Mathematics”** Organized by Sovarani Memorial College, Bankura on 21-23 September 2020.
- Participated in the Two Days National Webinar on **“Recent Advances in Mathematical Sciences”** Organized by Santal Bidroha Sardha Satabarshiki Mahacidyalaya, West Bengal on 27-28 September 2020.
- Participated in the Two Days National Webinar on **“Mathematics Perspective in Applied Sciences”** Organized by Yogi Vemana University, Kadapa on 29-30 September 2020.
- Participated in the National Webinar on **“Overview of Outcomes Based Education and its Framework for an Institution How Course Outcomes are Defined?”** Organized by Tamil Nadu Teachers Education University, Chennai on 2nd October 2020.
- Participated in the One Day National Webinar on **“Mathematical Analysis and Probability”** Organized by IQAC of J.K. College, Purulia on 4th October 2020.
- Participated in the National Webinar on **“Applications of Number Theory and Algebra in Computer Science”** Organized by Unity Women’s College in Collaboration with Kerala State Higher Education Council, Kerala on 6th October 2020.
- Participated in the Webinar on **“Applications of Nature Inspired Optimization Techniques for Solving Real Life Problems”** Organized by KPR Institute of Engineering and Technology, Coimbatore on 8th October 2020

- Participated in the Webinar Series 3 on **“Linear Algebra”** Organized by RSET and Centre for Topology and Applications, Kerala on 07-09 October 2020.
- Participated in the Webinar Series 4 on **“Stochastic Process and Mathematical Modeling”** Organized by RSET and Centre for Topology and Applications, Kerala on 14-16 October 2020.
- Participated in the National Webinar on **“Statistical Applications in Industry”** Organized by St. Peter’s College, Kolenchery, Kerala on 20th October 2020.
- Participated in the National Webinar on **“Rings and Ideals”** Organized by Korambayil Ahamed Haji Memorial Unity Women’s College, Malappuram, Kerala on 23rd October 2020.
- Participated in the National Webinar on **“Radial Graphs and its Applications”** Organized by VET Institute of Arts and Science, Erode on 23rd October 2020.
- Participated in the Webinar on **“Ergodic Correspondence and Combinatorics”** Organized by Abel Prize Laureate 2020 Prof. Hillel Frustenberg with Gujarat university on 5th November 2020.
- Participated in the One Day National Level Webinar on **“Applications of Intuitionistic Fuzzy Graphs”** Organized by Kongu Engineering College, Erode on 10th November 2020.
- Participated in the International Seminar on **“Present Trends in Applications of Mathematics”** Organized by Holy Cross College, Trichy on 16-17 November 2020.
- Participated in the One day International Webinar on **“Basics of Image Processing and its Mathematical Insights”** Organized by St. Joseph University, Nagaland on 30th November 2020.
- Participated in a Two days Online Workshop on **“Fundamentals of MATLAB”** Organized by Sri Shakthi Institute of Engineering and Technology, Coimbatore on 10-11 December 2020.
- Participated in the Two days International Webinar on **“Application of Mathematics in Science & Technology”** Organized by Salipur Autonomous College, Salipur, Cuttack on 15-16 December 2020.
- Participated in the One day National Webinar on **“Mindset for Success”** Organized by Arulmigu Palaniandavar College of Arts and Culture, Palani on 18th December 2020.
- Participated in the One day National Webinar on **“Applications of Graph Theory”** Organized by K . S. Rangasamy College of Arts & Science, Tiruchengode on 18th December 2020.

- Participated in the One day National Webinar on **“Life & Findings of Srinivasa Ramanujan”** Organized by Khalsa College, Patiala on 22nd December 2020.
- Participated in the One day National Webinar on **“Natural Dyes: An Alternate Source for Synthetic Dyes”** Organized by Arasu Engineering College, Kumbakonam on 29th December 2020.
- Participated in the Three days International Conference on **“Applied Mathematical Methods (ICAMM 2021)”** Organized by PSG College of Technology, Coimbatore on 07-09 January 2021.
- Participated in the International Virtual Conference on **“Recent Development in Computational Mathematics (ICCM 21)”** Organized by Rathinam College of Arts and Science, Coimbatore on 11th January 2021.
- Participated in the Webinar on **“Applications of Partial Differential Equations in Control and Inverse Problems”** Organized by Kumaraguru College of Technology, Coimbatore on 20th January 2021.
- Participated in the INSA & NCM joint online Teachers Enrichment Workshop on **“Algebra and Analysis”** hosted by Kongu Engineering College, Perundurai on 5th February – 28th February (Fri / Sat/ Sun) 2021.

29. Co-Curricular Activities Achievements

- Participated in the State level Quiz Competition organized by PG & Research Department of Mathematics, Jamal Mohamed College (Autonomous), Tiruchirappalli-620 020 on 06-03-2012.
- Participated in the State level Quiz Competition and won Third prize organized by PG & Research Department of Mathematics, Jamal Mohamed College (Autonomous), Tiruchirappalli-620 020 on 20-02-2013.

30. Resource Person / Chair Person

- Resource person on “**27th National Children’s Science Congress-2019**” Organized by Tamilnadu Science Forum is held on SBOIA Higher Secondary School- Trichy on 03.11.2019.
- Resource person for PG (Non-Semester) Programme offered by the Centre for Distance Education, Bharathidasan University, Tiruchirappalli - 24. On 22-02-2020 to 12-04-2020.

31. Participation in Faculty Development Programme

- Participated in One Day “**Faculty Enrichment Program Use of NLP Techniques in Teaching**” Conducted by the Department of Information Technology in association with ICT Academy of Tamilnadu held at Jamal Mohamed College, Tiruchirappalli-20 on 5th March 2016.
- Participated in the Three-Days “**NLP- Based Faculty Empowerment Programme**” Organized by Internal Quality Assurance Cell of the Jamal Mohamed College, Tiruchirappalli-20 on 17.06.2017 - 20.06.2017.
- Participate in an Online Faculty Development Programme include a demonstration kit with hands on exposure in “**Data Science using Python and R-Programming**” organized by D. K. M. College for Women, Vellore in association with Spoken Tutorial Project, IIT Bombay, MHRD, Govt. of India on 06-09 May 2020.
- Participated in the Faculty Development Program Webinar on “**Mathematical Modeling for Science and Engineering**” Organized by Cauvery College for Women, Trichy on 2nd May 2020.
- Participated in the Five Days Faculty Development Program on “**Strategies for Effective Work - Life Balance of Academicians**” Organized by Karpagam College of Engineering, Coimbatore on 04-08 May 2020.
- Participated in the National Level Online Interdisciplinary Faculty Development Program on “**Inclusive Indian Traditions for a Holistic Global Education**” Organized by PSGR Krishnammal College for Women, Coimbatore on 03-09 May 2020.

- Participated in the Online Faculty Development Program on **“Documentation of Graph using LaTeX”** Organized by C.Abdul Hakeem College of Engineering and Technology on 13th May 2020.
- Participated in the Online Faculty Development Program on **“Fuzzy Sets and Systems”** Organized by Patrician College of Arts and Science, Chennai on 16th May 2020.
- Participated in the Two Days Online Faculty Development Program on **“Online Teaching Methods”** Organized by Nirmala College for Women, Coimbatore on 21-22 May 2020.
- Participated in the Seven days Faculty Development Program on **“Teaching in Globally Connected World”** Organized by Nallamuthu Gounder Mahalingam College, Pollachi on 18-24 May 2020.
- Participated in the Faculty Development Program on **“Next Generation Intelligence”** Organized by St. Peters Institute of Higher Education and Research, Chennai on 20-25 May 2020.
- Participated in the Online Faculty Development Program on **“Algebra and Number Theory”** Organized by Ramco Institute of Technology, Rajapalayam on 26-27 May 2020.
- Participated in a Three Days Faculty Development Program on **“Descriptive Statistics through R-Programming”** Organized by KPR Institute of Engineering and Technology, Coimbatore on 26-28 May 2020.
- Participated in the Ten Days Faculty Development Program on **“Innovative Knowledge Tuning for Academicians”** Organized by St. Peters Institute of Higher Education and Research, Chennai on 18-27 May 2020.
- Participated in a Seven Days International Level Faculty Development Program on **“New Paradigms of Teaching”** Organized by Nallamuthu Gounder Mahalingam College, Pollachi on 22-29 May 2020.
- Participated in a Two Days Online Faculty Development Program on **“Linear Algebra and Research Indicators & Ethics in Research”** Organized by Loyola College, Chennai on 05-06 June 2020.
- Participated in a Two Days Online Faculty Development Program on **“Pure and Applied Mathematics”** Organized by Hindusthan College of Engineering and Technology, Chennai on 06-07 July 2020.
- Participated in a Seven Days Faculty Development Program on **“Redefining Teaching and Learning with the International of ICT”** Organized by IQAC of Holy Cross College, Nagercoil on 01-08 July 2020.

- Participated in the Online Faculty Improvement Program on “**Advances in Linear Algebra and Differential Equations**” Organized by Jamal Mohamed College, Trichy on 09-10 July 2020.
- Participated in the National Level Two Days Faculty Development Program on “**Fuzzy and its Applications**” Organized by The Quaide Milleth College for Men, Chennai on 21-22 July 2020.
- Participated in the Five Days Faculty Development Program on “**Mathematical Concepts By using Free Open Source Softwares (FOSS)**” Organized by BMS Institute of Technology and Management, Bengaluru on 21-25 July 2020.
- Participated in the Faculty Improvement Program on “**E-Content Development**” Organized by IQAC of Jamal Mohamed College, Trichy on 30th June to 4th July 2020.
- Participated in the One Week International E- Faculty Development Program on “**Fixed Point Theory and Its Applications**” Organized by School of Basic Sciences, Manipur University on 15-19 September 2020.
- Participated in the AICET Sponsored Six Day online Short Term Training Program (STTP) on “**Integral Transforms and Their Applications (ITTA 2020)**” Organized by Shri Vishnu Engineering College for Women, Andhra Pradesh on 26-31 October 2020.
- Participated and Completed AICET Training and Learning (ATAL) Online Faculty Improvement Program on “**ROAD-Response Effectiveness, Organising Self, Attitudinal Shift, Decision Making**” at Maulana Azad National Institute of Technology on 02-06 November 2020.

WEBLINKS

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|----------------|---|---|
| Website | : | https://sites.google.com/d/1QNugCKHI3ltJJKhkbDTNZcPMYrOSt_c4/p/1mYn4DR7-E-XmgROEBKR7tOmlgXeUu2RP/edit |
| Google Scholar | : | https://scholar.google.com/citations?user=m4zXKm4AAAAJ&hl=en |
| Research Gate | : | https://www.researchgate.net/profile/Mohamed_Althaf4 |
| Orcid ID | : | https://orcid.org/0000-0002-0271-4352 |
| Publons ID | : | https://publons.com/researcher/3487787/mohamed-althaf/ |
| LinkedIn ID | : | https://www.linkedin.com/in/mohamed-althaf-4a11a7152/ |