

DR. M. SUBHA

Designation : Assistant Professor

Department : Mathematics

Email ID : subhaamsc@gmail.com

Languages Proficiency

Read : Tamil & English

Write : Tamil & English

Speak : Tamil & English

1. QUALIFICATION

S. No.	Degree / Diploma / Certificate	Discipline	Name of the Institution	Year of Passing
1.	UG	Mathematics	Arul Anandar College (Autonomous), Karumathur, Madurai.	2009
2.	PG	Mathematics	The Madura College (Autonomous), Madurai.	2012
3.	M.Phil.	Mathematics	EMG Yadava Women's College (Autonomous), Madurai.	2013
4.	Ph.D.	Mathematics	Madurai Kamaraj University, Madurai.	2020
5.	Diploma and Certificate	Marketing Management	Arul Anandar College (Autonomous), Karumathur, Madurai.	2008
6.	DCA	Computer	APEX Software & Hardware Education, Kanchipuram High Road, Chengalpattu	2009
7.	ADHT	Computer Hardware	APEX Software & Hardware Education, Kanchipuram High Road, Chengalpattu	2009

2. TEACHING EXPERIENCE / OTHER EXPERIENCE

S. No.	Institution / Organization	From - To
1.	Madurai Sivakasi Nadar's Pioneer Meenakshi Women's College-Poovanthi, Sivagangai District, Tamil Nadu.	18th February 2013 – 31st October 2020
2.	Fatima college (autonomous), Madurai.	27th January 2021 – 31st April 2021
3.	Fatima college (autonomous), Madurai.	1st march 2022 – 30th June 2022
4.	Fatima college (autonomous), Madurai.	18th July 2022 – till date

3. Position Held in Fatima (Vice Principal, HoD, Dean, Coordinator, Member etc.)

S. No.	Name of the Position	From - To
1.	Member (Human Rights)	27th Jan 2021 – 31st April
2.	Member (ROSA – Extension Activity)	18th July 2022 – 31st April 2024
3.	Member (Discipline committee)	18th July 2022 – 31st April 2024
4.	Member (Environmental Studies)	13th July 2024 – Till date
5.	Member (Mentoring facilitation committee)	13th July 2024 – Till date

4. Achievements

S. No.	Name of the Award	Award Received for	Sponsors / Source	Date
1.	Second Rank	Major (Mathematics) in B.Sc.,	Arul Anandar College, Karumathur, Madurai.	2008-2009
2.	Rank Holder (II)	B.Sc., Mathematics	Arul Anandar College, Karumathur, Madurai.	2006-2009
3.	Best Faculty Award 2021	More than 8 years of Teaching experience and gave good result	International Journal for Modern trends in Science and Technology	2020-2021

5. Membership in Professional / Other Bodies / Committees

S. No.	Name of the Position	Name of the Body	Name of the Institution	Duration
1.	Member	Certificate Course	Madurai Sivakasi Nadar's Pioneer Meenakshi Women's College, Poovanthi	5 years
2.	Member	Research Committee Cell	Madurai Sivakasi Nadar's Pioneer Meenakshi Women's College, Poovanthi	7years and 8 months
3.	Member	Calendar and Time Table Committee	Madurai Sivakasi Nadar's Pioneer Meenakshi Women's College, Poovanthi	3 years
4.	Member	Ramanujan Mathematical Society	Sastra University, Tanjavur	Life time
5.	Board of the Member	-	Journal of Emerging Technology and Innovative Research ISSN: 2349-5162 UGC Approved No: 63975	Life time
6.	Reviewer	-	Computational Methods for Differential Equations (Scopus Journal), University of Tabriz, IRAN	June 2024 – till date

S. No.	Name of the Position	Name of the Body	Name of the Institution	Duration
			ISSN: 2345-3982	
7.	Reviewer	-	Journal of Applied Nonlinear Dynamics, L & H Scientific Publishing, USA ISSN: 2164-6457 2164-6473	August 2024 – Till Date
8.	Reviewer	-	Discontinuity, Nonlinearity and Complexity, L & H Scientific Publishing, USA ISSN: 2164-6376 2164-6414	August 2024 – Till Date
9.	Reviewer	-	Journal of Vibration Testing and System Dynamics, L & H Scientific Publishing, USA ISSN: 2475-4811 2475-482X	September 2024 – Till date

6. Areas of Specialization

- Differential Equations
- Mathematical Modeling
- Graph Theory
- Operations Research

7. Orientation/Refresher/Training Programmes/FDP Attended

S. No.	Programme	Theme	Organized by	Date
1.	TEQIP Sponsored on One day Faculty development Programme	Fundamentals of Real Analysis for Mathematicians and Engineers	Thiagarajar College of Engineering, Madurai.	Oct. 10, 2014
2.	Faculty Development Program	Art of Writing Research Article in Hi- Indexed Journals	Nehru Arts & Science College, Coimbatore.	Apr. 29 & 30, 2020
3.	Two-day online Faculty Development Program	Power of Emotional Intelligence – Key to self-development	Shri Krishnaswamy College for Women, Chennai.	May 04 & 05, 2020
4.	Faculty Development Program	Latex	Poornima University, Jaipur in Association with Spoken Tutorial, IIT Bombay.	May 04 & 08, 2020

S. No.	Programme	Theme	Organized by	Date
5.	Faculty Development Program	Libre Office Suite Writer	MSN Pioneer Meenakshi Women's College, Poovanthi.	May 11 - 15, 2020
6.	Online FDP	Cyber Security	Chalapathi Institute of Engineering & Technology, Guntur. In Association with Indian Servers and CSI	May 12, 2020
7.	Online Faculty Development Program	Fuzzy Sets & Systems	Patrician College of Arts & Science, Chennai.	May 16, 2020
8.	Two-day E-Faculty Development Program	Virtual Teaching – Learning Moodle the efficient way	Dr. M.G.R. Educational and Research Institute, Chennai.	May 29 & 30, 2020
9.	Two-day online FDP	Applications of Mathematics in Engineering	Mahatma Gandhi Institute of Technology, Hyderabad.	July 03 & 04, 2020
10.	Online FDP	Appraisal of Mathematical Learning Outcomes in Cybergogy Environment	Arul Anadar College, Karumathur.	July 15 -17, 2020
11.	International Faculty Development Program	Applications & Techniques in Mathematics	Department of Science and Humanities, Sri Sairam Institute of Technology, Chennai.	July 20 - 24, 2020
12.	Five Days National Level FDO	Modern Methods for Effective Teaching & Learning	All India Ideal Teachers Association and Department of Mathematics, Rathinam College of Arts and Science, Coimbatore-21	Aug. 17 – 21, 2021
13.	Two-Day Faculty Development Programme	Contemporary Research Methodology	Department of ECE, Mahatma Gandhi Institute of Technology, Hyderabad	Sep. 07 & 08, 2021
14.	Five-Day Online FDP	Teaching Learning and Research Pedagogy for Excellence in Education	IQAC, St. Joseph's College (Arts & Science), Chennai.	Sep. 20 - 24, 2021
15.	Two-week International FDP	Research Perspectives in Mathematics and Its Applications	Sathyabama Institute of science and technology, Chennai	July 04 - 16, 2022
16.	Five Days FIP	Teacher's Quality, the Courage to Teach, Lateral Thinking	Fatima college, Madurai	Sep. 16 - 20, 2022
17.	FDP	Free/Libre and Open-Source Software for Education in NAAC/NBA Accreditation and NIRF Ranking	Spoken Tutorial, IIT Bombay's Nodal Resource Centre Hindustan College of Arts & Science, Coimbatore.	Mar 23, 2023
18.	Four-Day FIP	Teacher's Quality, the Courage to Teach, Lateral Thinking	Fatima college, Madurai	Aug. 28 -31, 2023
19.	Five Days FDP	Exploring Real world Applications in Mathematics	Department of Mathematics, School of Basic Sciences, Vels Institute of Science, Technology and Advanced Studies	Apr. 22 -26, 2024
20.	FDP	Exploring New Horizons in mathematical Research	The PG and Research department of Mathematics, V.O.C College, Thoothukudi	Aug. 19 -24, 2024
21.	Five-day virtual research development programme	AI Integrated Research	Fatima college, Madurai	Dec. 09 - 13, 2024

S. No.	Programme	Theme	Organized by	Date
22.	FDP	Algebra, Analysis and Number Theory	Department of Mathematics, SRM University, AP	Dec. 16 - 20, 2024

8. Paper Presented on National/International Seminars, Workshops, Conferences & Symposiums

S. No.	Programme & Theme	Organized by	Date	Title of the Paper
1.	CSIR Sponsored on International Conference on Mathematical Computation and Modeling	Department of Mathematics, The Madura College, Madurai	Jan. 06, 2014	Analytical Solution of Non-Linear Boundary Value Problem for Fin Efficiency of Convective Straight Fins with Temperature Dependent Thermal Conductivity
2.	Two-Day National Level Conference Mega-2014	Department of Mathematics, Sri Sarada Niketan College for Women, Amaravathipudur	Aug. 08 & 09, 2014	Approximate Analytical Solution of Non-Linear Boundary Value Problem in Electro hydro Dynamic Flow in a Circular Cylindrical Conduit: Homotopy Analysis Approach
3.	National Conference on Recent Trends in Pure & Applied Mathematics	Department of Mathematics, MSN Pioneer Meenakshi Women's College, Poovanthi	Jan. 23, 2015	Analytical Expressions for Exothermic Explosions in a Slab
4.	DST-FIST Sponsored on National Conference on Topological Graph Theory	Jayaraj Annapackiam College for Women, Research Center of Mathematics, Periyakulam.	Dec. 19, 2017	Approximate Analytical Expressions for Thermal Stability of a Reactive Hydromagnetic Poiseuille Fluid Flow through a Channel
5.	International Conference on Advances in Theoretical and Applied Mathematics	Department of Mathematics, MSN Pioneer Meenakshi Women's College, Poovanthi	Feb. 14, 2017	Analytical Expressions of a Non-linear Boundary Value Problem for Reactive Third Grade Fluid Flow and Homotopy Perturbation Method
6.	National Webinar on "Recent Advances in Mathematical Sciences (NWRAMS 2021)"	Department of Mathematics, Maharaja Bir Bikram University, Tripura	Sep. 29 & 30, 2021	Matrix Representation of Graph in Electronic Circuits
7.	2nd International Congress on Advanced Research and Applications	Sivas Cumhuriyet University and Turkey – Azerbaijan University, Azerbaijan Technical University and IKSAD Institute	Sep. 19 & 20, 2024	A Mathematical Study on Non-Linear Simultaneous Differential Equations of Blood –Based Casson Nanofluid

9. Participated on National/International Seminars, Workshops, Conferences & Symposiums

S. No.	Programme & Theme	Organized by	Date
1	One day State level seminar on Fuzzy & Graph Theory	Department of Mathematics Ananda College, Devakottai.	Oct. 09, 2013
2	DST & CSIR Sponsored on National Conference on Advances and Applications in Mathematical Modeling	Department of Mathematics The Madura College, Madurai	Apr. 15 & 16, 2013

S. No.	Programme & Theme	Organized by	Date
3	National Conference on Applicable Mathematics and Mathematical Methods	Department of Mathematics, MSN Pioneer Meenakshi Women's College, Poovanthi.	Dec. 28, 2013
4	National Conference on Mathematical Modelling and Applications – NCMMA2014	SSM Institute of Engineering and Technology, Dindigul.	Mar. 28, 2014
5	UGC Sponsored on Analytical Tools for Researchers in Commerce & Computer Science	VVV College for Women, Virudhunagar.	July 03 - 05, 2014
6	International Symposium on Emerging Trends in DNA and Membrane Computing	Department of Mathematics Jayaraj Annapackiam College for Women, Periyakulam	Sep. 17, 2014
7	DST Sponsored on National conference on Recent Development in Mathematics and its Applications	Department of Mathematics,The Madura College, Madurai	Jan. 09, 2015
8	UGC Sponsored on International Workshop on Pure and Applied Mathematics	Department of Mathematics, Devanga Arts College, Aruppukottai	Aug. 11, 2017
9	The One-day National Seminar on Intellectual Property Rights	IQAC of MSN Pioneer Meenakshi Women's College, Poovanthi.	July 29, 2019
10	UGC Sponsored on National Seminar on "Applied Mathematics"	Research Centre & PG Department of Mathematics, The Madurra College (Autonomous), Madurai	Feb. 13, 2020
11	Webinar on "Art of Achieving Teaching Excellence in Digital Era"	Sakthi Institute of Information and Management studies, Pollachi.	Apr. 04, 2020
12	Two-day online course on "Arithmetic Ability"	Rajapalayam Raju's College, Rajapalayam.	Apr. 23 & 24, 2020
13	Webinar on "Employability skills in curriculum Design"	Audisankara college of Engineering & Technology, Bangalore.	Apr. 26, 2020
14	Online Lecture on "Green Building"	SRM IST Ramapuram Campus, Faculty of Engineering and Technology Chennai.	Apr. 27, 2020
15.	Three days online assessment on "Improve your skills"	V.H.N.S.N College, Virudhunagar.	Apr. 27 - 29, 2020
16.	Webinar on "Effective Technical Writing: Thesis vs Paper"	IEEE student Branch of Basaveshwar Engineering College, Bagalkot, Karnataka.	Apr. 27 - 29, 2020
17.	Webinar on "Php web design and development"	Karpaga Vinayaga College of Engineering & Technology, Chengalpet.	Apr. 28, 2020
18.	National Level Webinar on "Working and Learning online during a Pandemic"	Kaamadhenu Arts and Science College, Coimbatore.	Apr. 30, 2020
19.	National Webinar entitled "Coronovirus Pandemic: Challenges, Opportunities and Road Ahead"	P.G.D.A.V College (EVE.), New Delhi.	May 01, 2020
20.	One day online webinar on "Digital Resourses: A new Era in Learning – Special Reference to NDLI"	PSGR Krishnammal College for Women, Coimbatore.	May 01, 2020
21.	Two days online course cum E-Quiz on	SNMV College of Arts and Science and	May 01 & 02, 2020

S. No.	Programme & Theme	Organized by	Date
	"Mathematical and Technical Aptitude"	Institute of Management, Coimbatore.	
22.	Webinar on "University Industry Linkage – Different Mechanisms"	Audisankara Group of Institutions, Coimbatore.	May 02, 2020
23.	Online course on "Big Data for Beginners"	Sri Krishna Adithya College of Arts & Science, Coimbatore.	May 03, 2020
24.	Online course on "Financial Statement Analysis- Solvency & Profitability Ratio"	Sri Krishna Adithya College of Arts & Science, Coimbatore.	May 03, 2020
25.	Online Course on "Fundamentals of R Programming"	Sri Krishna Adithya College of Arts & Science, Coimbatore.	May 04, 2020
26.	International Webinar on "COVID-19 Lives & Livelihood"	Kalinga Institute of Industrial Technology, deemed to be University, Bhubaneswar.	May 05 & 06, 2020
27.	Online course on "Measures of Central Tendency & Correlation"	Sri Krishna Adithya College of Arts & Science, Coimbatore.	May 06, 2020
28.	Webinar on "Gamification Tools in Teaching"	St. Xavier College for Women, Aluva.	May 07, 2020
29.	Online Workshop on "Mathematical Sciences for CSIR-NET/SET/GATE"	Sree Narayana Guru College, Coimbatore.	May 11 - 15, 2020
30.	Two days Webinar on "Towards Effective Teaching & Learning"	P.K.N Arts & Science College, Tirumangalam.	May 14 & 15, 2020
31.	Webinar on "Modern Teaching Techniques"	Dr. Zakir Husain College, Ilayangudi.	May 17, 2020
32.	Webinar on "Covid-19 Stress Management through Yoga"	Nature Science Foundation, Coimbatore.	May 17, 2020
33.	Webinar on "CSIR NET Preparation Tools and Techniques"	The Standard Fireworks Rajaratnam College for Women, Sivakasi.	May 25 – 29, 2020
34.	Webinar on "Happiness"	Knowledge Institute of Technology Business School, Salem.	May 31, 2020
35.	Online workshop on "Socio-Economic and Cultural Impact of Corona in India"	Government Arts College, Melur.	June 01, 2020
36.	National Webinar on "Quality in Higher Education"	Sri Subramaniya Swamy Government Arts College, Tiruttani.	June 02, 2020
37.	Webinar on "Recent Trends in Mathematics and Its Applications"	Mohamed Sathak Hamid College of Arts and Science for Women, Ramanathapuram.	June 04, 2020
38.	Webinar on "Digital Transformation in Business"	Audi Sankara College of Engineering & Technology, Nellore, Andra Pradesh.	June 04, 2020
39.	One day online program on "Introduction to Angular"	Gnanamani College of Technology, Namakkal.	June 05, 2020
40.	National Webinar on "Species Recovery and Conservation of Endangered species in India"	St. Joseph's College, Bengaluru.	June 05, 2020
41.	Hands on Training through webinar on "To Design Manuscripts using Latex"	Hindustan Institute of Technology, Coimbatore.	June 06, 2020
42.	National Level Live Faculty Development Program (webinar) on "Future of Examinations Bloom's Taxonomy and Multiple Assessment Tools"	G.T.N. Arts College, Dindigul.	June 08, 2020
43.	Webinar on "Overview of Intellectual	Audi Sankara College of Engineering &	June 09, 2020

S. No.	Programme & Theme	Organized by	Date
	Property Rights"	Technology, Gundur, Nellore, Andra Pradesh.	
44.	Webinar on "Graph Colorings and Its Applications"	Chevalier T Thomas Elizabeth College for Women, Perambur, Chennai.	June 09, 2020
45.	National Webinar on "Mechanics and Mathematics in Civil Engineering"	St. Justin Arts and Science College for Women, Cholapuram, Sivagangai.	June 10, 2020
46.	One day National Webinar on "Rain Water Harvesting in Extreme Weather Conditions"	MVN, JS & RVR College of Arts and Science, Malikipuram, Andra Pradesh.	June 12, 2020
47.	Online Workshop on "Mathematical Analysis (MATANA 2020)"	Loyola College, Chennai.	June 08 - 13, 2020
48.	Three Days Webinar on "Open Source Softwares for Mathematics - Teaching with Geogebra, Basics of Sagemath, Optimization with Sagemath"	Thassim Beevi Abdul Kader College for Women, Kilakarai.	June 12 - 14, 2020
49.	Webinar on "New Trends in Mathematical Education"	St. Justin Arts and Science College for Women, Sivagangai.	June 14, 2020
50.	Webinar on "Applications of Linear Algebra in Science & Engineering"	CSI College of Engineering, Ooty.	June 15, 2020
51.	Webinar on "The Impact of Covid-19 on the Educational Institutions after Lockdown"	Audi Sankara Group of Institutions, Gundur, Nellore, Andrapradesh.	June 16, 2020
52.	National level online FDP on "Adapting Ourselves to the online Academic Activies"	Carmel College Modankap, Bantwal in Association with Sahyadri College of Engineering & Management, Mangalore.	June 16, 2020
53.	National Webinar on "Learn Latex: to lead the Latest"	IQAC & Department of Mathematics, Shri R.R. Lahoti Science College, Marshi.	June 18, 2020
54.	Webinar on "Sagemath- Greatest way of understanding Math"	PSNA College of Engineering and Technology, Dindigul.	June 18, 2020
55.	Two-day National Webinar on "Linear Algebra and Complex Analysis"	ANJA College, Sivakasi.	June 18 & 19, 2020
56.	One day Webinar on "Statistics for Data Analytics"	KPR Institute of Engineering and Technology, Coimbatore.	June 19, 2020
57.	Webinar on "Tactics to crack CSIR – NET – TRF Exams in Mathematics"	EMG Yadava Women's College, Tirupalai, Madurai.	June 19, 2020
58.	A Collaborative Webinar on "Research & Funding – The Basics and Approach to be Successful"	Dr. M.G.R Educational and Research Institute, Maduravoyal, Chennai.	June 20, 2020
59.	International Webinar Series on "Enlightening Young Mathematicians in Teaching and Research"	PG & Research Department of Mathematics, Loyola College, Chennai.	June 22 & 23, 2020
60.	Webinar on "Applications of Nonlinear Analysis to Real world Problems"	St. Mother Theresa Engineering College, Thoothukudi.	June 23, 2020
61.	International Webinar on "Fractional System with Rossenblatt process and poison jumps – Optimal Controllability"	KPR Institute of Engineering and Technology, Arasur, Coimbatore.	June 27, 2020
62.	Webinar on "Rough Set: A Tool for Qualitative Knowledge Data Discovery"	Yadava College, Madurai.	July 04, 2020
63.	7 days Online Workshop and National FDP	PG & Department of Mathematics, Hindustan	July 01 - 08, 2020

S. No.	Programme & Theme	Organized by	Date
	on “Learning Management System and E-Content Development Tools”	College of Arts and Science, Coimbatore.	
64.	A Six Day National Webinar Series on “Applications of Mathematics”	Department of Mathematics, KPR Institute of Engineering and Technology, Coimbatore.	July 06 - 11, 2020
65.	National Webinar on “Plastics Versus Bioplastics from Environment and Sustainable point of View”	Department of Applied Science and Humanities (Environmental Science) of Tirumala Engineering College, Narasaraopet, Guntur.	July 07, 2020
66.	National Level Webinar on “Graphs Colouring Problems”	PG and Research Department of Mathematics, V.O. Chidambaram College, Thoothukudi.	July 08, 2020
67.	Workshop on “Google Classroom”	Jayaraj Anna Packiam CSI Polytechnic College, Margoschis Nagar, Nazareth.	July 10, 2020
68.	International online webinar on “Current Scenario of Work Management & ICT Tools For Teaching and Learning Process”	PG and Research Department of Mathematics Hindustan College of Arts and Science, Coimbatore.	July 09 - 15, 2020
69.	National Level Webinar on “CSIR NET Mathematics”	PG Department of Mathematics, Sengunthar Arts and Science College, Tiruchengode.	July 15, 2020
70.	Webinar for Faculty on A Glance at Futurology-Chaos theory	Department of Mathematics, The Standard Fireworks Rajaratnam College for Women (Autonomous), Sivakasi.	July 15, 2020
71.	Webinar on “Eigenvalue Problems in Civil Engineering”	Department of Mathematics, KPR Institute of Engineering and Technology, Coimbatore.	July 16, 2020
72.	Webinar on “Fundamental Understanding of Fuzzy Graphs”	Department of Mathematics, Imayam Arts and Science College, Kannanur, Thuraiyur.	July 18, 2020
73.	Webinar on “Yoga for Our Human Life”	EBSB Club, Government Arts and Science College, Kangeyam.	July 19, 2020
74.	Six-day Faculty Development Programme on “Applications of Mathematics in Engineering”	Department of Mathematics, KPR Institute of Engineering and Technology, Arasur, Coimbatore.	July 20 - 25, 2020
75.	One day International Webinar on “Stress Management”	ST. Francis De Sales College, Nagpur.	July 21, 2020
76.	Webinar on “Innovation in Education”	Sri Eshwar College of Engineering, Coimbatore.	July 21, 2020
77.	One Day National Webinar on “Advances & Applications of Mathematics”	Department of Mathematics, M.S.P. Mandal’s Art’s, Commerce & Science College Kille-Dharur.	July 22, 2020
78.	Webinar on “Monte Carlo Simulations Microsoft Excel and Solver”	Department of Mathematics, Keshav Memorial Institute of Commerce and Sciences, Hyderabad.	July 22, 2020
79.	Webinar on “Last time – First time Approach to groom your Knowledge and Skills”	Sri Eshwar College of Engineering, Coimbatore.	July 23, 2020
80.	Online Webinar on “Mathematical Modeling in Biology”	Department of Applied Mathematics, Sri Venkateswara college of Engineering, Pennalur, Sri Perumbudur.	July 23, 2020
81.	National Level One Day Webinar on “Give Wings to Your Stress”	Department of Mechanical Engineering, Balaji Institute of Technology & Science, Laknepally,	July 23, 2020

S. No.	Programme & Theme	Organized by	Date
		Narsampet, Warangal, Telangana state.	
82.	National Webinar on “Soft Topology and Its Applications”	Paavai Engineering College, Pachal, Namakkal.	July 24, 2020
83.	National Webinar on “Fuzzy Logic System & Its Applications”	Department of Electrical and Electronics Engineering, Mandsaur University, Mandsaur.	July 24, 2020
84.	National Webinar on “Differential Equations and Its Applications”	P. T. Lee Chengalvaraya Naicker College of Engineering & Technology, Kanchipuram.	July 24, 2020
85.	International Webinar on “Mathematics”	Department of Mathematics, Vignana Bharathi Institute of Technology, Hyderabad, Telengana.	July 26, 2020
86.	Webinar on “Basic Concepts of Modern Algebra”	PG Department of Mathematics, Dr. Zakir Husain College, Ilayangudi, Sivagangai District, Tamil Nadu.	July 27, 2020
87.	Webinar on “Exploring Google Class Room, Google Meet through GCR and Power Point Presentation”	Department of Mathematics, Madurai Sivakasi Nadars Pioneer Meenakshi Women’s College, Poovanthi.	July 29, 2020
88.	Webinar on “Modeling Real Life Problems with Differential Equations”	Department of Mathematics, N.M.S. Sermathai Vasan College for Women, Avaniyapuram, Madurai.	Aug. 16, 2020
89.	International Webinar on “Glimpses of new dimensions in Irregular Graphs”	Department of Mathematics, Madurai Sivakasi Nadars Pioneer Meenakshi Women’s College, Poovanthi.	Aug. 20, 2020
90.	Two days International Webinar on “Computational Mathematics”	Department of Mathematics and Computer Science, Government First Grade College, Vijayanagara, Bengaluru.	Feb. 10 & 11, 2021
91.	One day Webinar on “New Research trends in Mathematical Sciences”	Department of Mathematics, Academy of Maritime Education and Training (AMET University), Chennai.	Feb. 13, 2021
92.	Webinar on “Generalized inverses of matrices”	Research Centre and PG Department of mathematics, The Madura College, Madurai	Mar. 06, 2021
93.	International Conference on New Trends in Differential Equations and Applied Mathematics	Sri Vidya Mandir Arts and Science College (Deemed to be University), Bengaluru And Jyothi Engineering College, Thrissur	Apr. 12 & 13, 2021
94.	One day Webinar on “Drawing using Latex”	Department of Mathematics, St. Xavier College, Mapusa - Goa	Apr. 21, 2021
95.	International Webinar on “Fundamental Mathematics, 2021”	Department of Mathematics, The Assam Kaziranga University	Aug. 30 & Sep. 01, 2021
96.	Webinar on “Various facts of Algebraic Geometry”	Department of Mathematics, St. Berchmans College, Changanassery, Kerala.	Sep. 11, 2021
97.	One Week Virtual International Lecture Workshop on “New Advances in Mathematical and Computational Sciences”	Department of Applied Mathematics, Yogi Vemana University, Kadapa – 516005, A.P, India	Sep. 13 - 18, 2021
98.	International Webinar on “Introduction to MATLAB”	Department of Mathematics, JSSATE Noida, U.P, India	Sep. 17, 2021

S. No.	Programme & Theme	Organized by	Date
99.	Webinar on "Advanced Mathematical Tools for Engineering Research"	Department of mathematics, Mangayarkarasi College of Arts and Science for Women, Paravai, Madurai.	Oct. 01, 2021
100.	National Webinar on "Approximation Using Dirac Sequences"	Department of Mathematics, Mother Theresa College, Nellikad, Thiruvananthapuram	Oct. 16, 2021
101.	International Conference on Class Groups on Number Fields and Related Topics – 2021	The Kerala School of Mathematics	Oct. 21 - 24, 2021
102.	One Day International Level Online Webinar on "How to Write & Publish Your First Academic Research Paper"	Department of mathematics, Kumaraguru College of Technology, Coimbatore	Oct. 23, 2021
103.	National Level Mathematics Workshop for Undergraduate Students	Department of Mathematics, Swami Dayananda College of Arts & Science, Manjakkudi.	Oct. 23, 2021
104.	International Conference on "Recent Advances in Differential Geometry and Topology"	Department of Mathematics and Statistics, Central University of Punjab, Bathinda, India.	Oct. 28, 2021
105.	International Webinar on "Multiplicative Inverse Functional Equations and their Applications"	PG & Research Department of Mathematics, St. Joseph's College of Arts & Science, Cuddalore, Tamilnadu	Oct. 29, 2021
106.	Webinar on "Lectures on the significant role of Algebra and Differential Equations in the 21st century"	Department of mathematics, St. Joseph University, Nagaland	Nov. 05, 2021
107.	International Seminar on "The Role of Fourier Analysis in Signal Processing"	Department of mathematics, Mangayarkarasi College of Arts and Science for Women, Paravai, Madurai.	Nov. 19, 2021
108.	One day webinar on "Numerical Solution of Boundary Value Problems"	Department of mathematics for excellence, Institute of science and Humanities, SIMATS School of Engineering, Chennai.	Aug. 10, 2022
109.	Virtual workshop on "Latex for Technical writing"	Department of Mathematics, M.O.P. vaishnav college for Women (Autonomous), Chennai	Sep. 24, 2022
110.	The Hands-On Workshop "Virtual Lab- A learner perspective"	Hindustan College of Arts & Science, Hicas – Nodal Centre of Value Virtual Labs, Coimbatore	Mar. 13, .2024
111.	Online Seminar on Role of Algebra in real life	Dr. M.G.R Educational and Research Institute, Chennai	Jan. 29, 2025

10. Articles Published in Journals/Proceedings/Magazines/Books

S. No.	Journal/Proceeding/ Magazine/Book Name	Title of the Article	Month/ Year	Vol. No.	Issue No.	Page No.	ISSN	Publisher
1.	ISRN – Thermodynamics	Analytical Solution of Non-Linear Boundary Value Problem for Fin Efficiency of Convective Straight Fins with Temperature	Aug. 2013	1	1	1-8	2090-5211	Hindawi Publication

S. No.	Journal/Proceeding/ Magazine/Book Name	Title of the Article	Month/ Year	Vol. No.	Issue No.	Page No.	ISSN	Publisher
		Dependent Thermal Conductivity						
2.	International Journal of Applied Science and Engineering Research (IJASER)	A Comment on Liao's Homotopy Analysis Method	June 2014	3	1	177 - 186	2277-9442	International Journal of Applied Science and Engineering Research (IJASER)
3.	International Journal of Automation and Control Engineering (IJACE)	Approximate Analytical Solution of Non-Linear Boundary Value Problem in Electrohydrodynamic Flow in A Circular Cylindrical Conduit: Homotopy Analysis Approach	May 2014	3	2	48-56	2325-7415	Science And Engineering Publishing Company
4.	Discovery Journal	Approximate Analytical Solution of Thermal Criticality for A Reactive Third-Grade Liquid in A Channel with Isothermal Walls: Homotopy Analysis Method	July 2014	21	67	53-70	2278-5450	Discovery Journal
5.	Frontiers In Sensors	A Simple Analytical Expression of A Non-Linear Boundary Value Problem for An Immobilized Oxidase Enzyme Electrode in the Presence of Two Oxidants Using New Homotopy Perturbation Method	2014	2	1	32-44	2327-7610	Frontiers In Sensors
6.	Review Of Bioinformatics and Biometrics	Simple Analytical Expressions of the Non-Linear Reaction Diffusion Process in An Immobilized Biocatalyst Particle Using the New Homotopy Perturbation Method	2014	3	1	22-28	2326-5833	Review Of Bioinformatics and Biometrics
7.	International Journal of Research-Granthaalayah	Analytical Expressions for Exothermic Explosions in a Slab	Sep. 2014	1	2	22-37	2350-0530	International Journal of Research-Granthaalayah
8.	Journal Of Advance in Mathematical Science	Nonlinear Analysis of Malaria Epidemics	Apr. 2015	1	1	1-26	2454-387X	Journal Of Advance in Mathematical Science (JAMS)

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9.	International Journal of Modern Mathematical Sciences (IJMMS)	Analytical Expressions of Reactive Fully Developed Flow of an Incompressible, Thermodynamically Compatible Fluid	Aug. 2015	13	3	251 - 274	2166-286X	Hindawi Publications
10	Masivj- Bi Annual International Journal (Multidisciplinary)	Simple Analytical Expressions for Math Order and Langmuir Rate Equations in Spherical Coordinates	May 2015	1	2	72-80	2454-4558	MSN Pioneer Meenakshi Women's College, Poovanthi
11	International Journal of Modern Mathematical Sciences	Approximate Analytical Expressions for Thermal Stability of a Reactive Hydromagnatic Poiseuille Fluid Flow Through A Channel	Nov. 2015	13	4	417 - 441	2166-286X	Modern Scientific Press
12	International Journal of Applied Sciences (IJAS)	Mathematical Expressions of Entropy Generation in a Variable Viscosity MHD Channel Flow	Mar. 2016	1	3	19-49	2371 - 0381	Science Vier Publishing
13	International Journal of Statistics and Applied Mathematics	Analytical Solution of Non-Linear Boundary Value Problem for MHD Flow	June 2016	1	1	27-36	2456-1452	International Journal of Statistics and Applied Mathematics
14	International Journal of Applied and Advanced Scientific Research	Analytical Expressions of a Non-Linear Boundary Value Problem for Reactive Third Grade Fluid Flow and Homotopy Perturbation Method	Feb. 2017	-	-	4-15	2456-3080	MSN Pioneer Meenakshi Women's College, Poovanthi.
15	International Journal of Modern Mathematical Sciences	Mathematical Expressions of MHD Couette Flow in a Rotating System and Homotopy Analysis Method	Apr. 2017	15	2	138 - 167	2166-286X	Modern Scientific Press
16	Star International Journal	Analytical Expression of a Steady Mhd Oscillatory Slip Flow	Apr. 2017	5	4	8-22	2321-676x	Star Publisher
17	Star International Journal	A Mathematical Study on Mhd Viscous Due To a	May 2017	5	5	50-62	2321-676x	Star Publisher

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		Shrinking Sheet						
18	International Journal of Academic and Applied Research (IJAAR)	A Mathematical Study of MHD Mixed Convection Channel Flow of Nanofluid	Nov. 2018	2	11	12-26	2000-005X	International Journal of Academic and Applied Research (IJAAR)
19	Journal Of Applied Science and Computations	Mathematical Analysis of Biological and Physiological Models Using the New Homotopy Perturbation Method	Feb. 2019	6	2	103-125	1076-5131	Institute of Applied Science & Computations
20	Madridge Journal of Bioinformatics and Systems Biology	Approximate Analytical Expressions of Non-Linear Boundary Value Problem for a Boundary Layer Flow Using Homotopy Analysis Method	May 2019	1	2	34-39	2641-8835	Madridge Publishers
21	International Journal of Modern Mathematical Sciences	Mathematical Analysis of The Three-Dimensional Lotka – Volterra Model	Feb. 2021	19	1	45-56	2166-286X	Modern Scientific Press
22	Journal of Emerging Technologies and Innovative Research	Matrix Representation of Graphs in Electronic Circuit	Oct. 2021	8	10	65-69	2349-5162	JETIR UGC No: 63975
23	Journal Of Emerging Technologies and Innovative Research	Mathematical Modeling for Profit Maximization of the Funds and the Shareholder	Aug. 2022	9	8	456-463	2349-5162	JETIR UGC No: 63975
24	Nonlinear Studies	Semi – Analytical Solution to a System of Non-Linear Differential Equations Involving Non-Michaelis-Menten Parameters Using a New Approach to Homotopy Perturbation Method	Aug. 2022	29	3	841-850	1359-8678 2153-4373(Online)	Cambridge Scientific Publishers Ltd
25	Mathematics in Engineering, Science and Aerospace	Semi Analytical Solution to a Sir Model Using New Approach to	Nov. 2022	13	4	1053-1069	20413173, 20413165	The Cambridge Scientific Publishers Ltd

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		Homotopy Perturbation Method						
26	Nonlinear Studies	A Mathematical Analysis of non-Linear Reaction – Diffusion Equations in Electro Chemical Sciences	Dec. 2024	31	4	1177 - 1196	1359 - 8678	Cambridge Scientific Publishers Ltd