

STAFF PROFILE



Name : G. NITHYAKALA
Designation : Assistant Professor
Date of Entry into Service : 01-08-2005.
E-mail : nithya.ramani.82@gmail.com
nithyakala.sf@maduracollege.edu.in
Mobile (Optional) : 9442310581
Education : M.Sc., M.Phil. Mathematics
Areas of specialization : Applied Difference Equations, Non-Linear Difference Equation with Neutral Term, Qualitative Theory of Advanced type of Difference Equation with Neutral Term.

Projects undertaken

Title of the Project	Name of the funding Agency	Duration	Completed/Ongoing	Amount	Remarks

Seminars Organized

S.No.	Title of the Seminar/Conference/Workshop	Date	Sponsoring Agency	National/State/International	Co-ordinator/Convener
1.	National Conference on Differential Equations and Applications – NCDEA 2011.	23 rd September 2011.	Mahendra Arts & Science College, Namakkal	National Conference	Member of Organizing Committee
2.	State Level Seminar on Applied Mathematics – SLAM 2013.	22 nd February 2013.	Mahendra Arts & Science College, Namakkal	State Level Seminar	Member of Organizing Committee
3.	State Level Seminar on Fuzzy Logic & its Applications.	10 th March 2014.	Mahendra Arts & Science College, Namakkal.	State Level Seminar	Convener

Seminors, Workshop and Conferences Attended

S.No.	Title of the Seminar/Conference/Workshop	Date	Sponsoring Agency	National/State/International	Organization in which attended
1.	National Seminar on “Recent Advances in Large-Scale Numerical Linear Algebra” (Paper Presented)	08 th & 09 th March 2012	UGC	National Seminar	Kandaswami Kandar’s college, Namakkal.
2.	National Seminar on “Chemical Graph Theory”	18 th & 19 th October 2012	DRDO	National Seminar	Vellammal College of Engineering & Technolgy, Madurai.
3.	International Conference on “Competency Building Strategies in Business and Technology for Sustainable Development” (Paper Presented)	25 th Feb 2014	-	International Conference	Sri Ganesh School of Business Management, Salem.
4.	State Level Conference on “Recent Trends in Mathematics and its Applications”	7 th Jan 2016	-	State Level Conference	Paavai Arts & Science College, Namakkal.
5.	State Level Seminar on “The Vital Role of Mathematical Sciences”	11 th Feb 2016.	-	State Level Seminar	Sri Ganesh College of Arts & Science, Salem
6.	National Level Workshop on “Discrete Mathematics and its Applications”	26 th Sep 2017.	-	National Level Workshop	E.R.K Arts & Science College, Dharamapuri
7.	International Conference on “Dynamical Systems and Computing Techniques” (Paper Presented)	Feb 14-16 2019	NBHM & INSA	International Conference	Gandhigram Rural University, Dindigul
8.	One day Workshop on “Learning Management System”	17 th October 2019		State level	The Madura College, Madurai
9.	National Seminar on “Applied Mathematics” (Paper Presented)	13 th Feb 2020	UGC	National Seminar	The Madura College, Madurai.
10.	National Conference on “Recent Advances in Pure and Applied Mathematics” (Paper Presented)	19 th Feb 2020.	UGC	National Conference	Arul Anandar College, Madurai.

Books Published:

Title of the Book Published	ISBN No.	Publisher if any	Year of Publishing	Authored/Edited

Research Publications:

S.No	Title of the Journal	ISSN No. if any	Volume No. & Page No. if any	Year	International/National/State
1.	Abstract and Applied Analysis, Hindawi(SCOPUS)	ISSN: 1085-3375 (Print) ISSN: 1687-0409 (Online)	Vol: 2018 Article ID: 2590158.	2018	International
2.	Malaya Journal of Matematik (UGC)	ISSN (Print) : 2319 - 3786 ISSN (Online) : 2321 - 5666	Vol: 7, No. 3, PP 366-370.	2019	International
3.	Far East Journal of Mathematical Sciences (UGC)	ISSN: 0972-0871	Vol: 122, Issue 2, PP 151-165.	2020	International
4.	Advances in Mathematics: Scientific Journal (SCOPUS)	ISSN: 1857-8365 (Print) ISSN: 1857-8438(Online)	Vol: 9, No.5, PP 3099-3110.	2020	International

Research Activities

Degree	No. Awarded	No. Submitted	No. Guiding
M.Phil.,	08	-	-
Ph.D.,(Part-time)			
Ph.D. (Full-time)			

Details of Invited Lecture / Resource Person

Place	Date	Sponsoring Agency	Topic	Audience type	International/National/State Level

Academic council/Board of Studies Member

Institution	For a period of	Dept.

Honours Achieved

Agency	Recognition IN/National/State	Cash award if any(Amount)	For the service of

Service in Extra Curricular Activities (NSS/NCC/AEEP/YRC/MCCA/Club etc.,)

Whether NSS/NCC/AEEP/YRC	Period
NSS	3 Years (2013 to 2016)

Reviewer/editor of a journal

Title of the Journal	ISSN No. if any	International/ National/State	Impact factor/h- index

Details of Orientation and Refresher attended

Orientation/Refresher	University/College/Institute at which attended	Duration	
		from	to

Any Other Information :

2015 – 2016

- Registered Member of the “**OPERATIONAL RESEARCH SOCIETY OF INDIA (ORSI)**” from September 30, 2015. The membership number is 2075/G/15/MO. **Operational Research Society of India (ORSI), Kolkata.**

2017 – 2018

- Academic Profile was publishing in **Asian Admirable Achievers Volume IX**, Delhi.

2019 – 2020

- Mentored team of students on “**Universal Human Values**” during the **Student Induction Programme (2019 – 2020)** held on 01.07.2019 & 02.07.2019 at The Madura College, Madurai.

- Participated in the One day Workshop on “**Learning Management System**” organized by Internal Quality Assurance Cell (IQAC) on 17th October 2019 in The Madura College, Madurai.
- Participated in a webinar on “**University Industry Linkage-Different Mechanisms**” May 02, 2020, Audisankara Group Of Institutions (Autonomous), Nellore.
- Participated in the National Level One week Online Interdisciplinary Faculty Development Programme on “**Inclusive Indian Traditions for a Holistic Global Education**” from 03-09, May, 2020, PSGR Krishnammal College for Women, Peelamedu, Coimbatore-641004.
- Attended the “**Two Week Online Faculty Recharge Programme on ICT Tools**” offered on MOOC – mode by The Madura College from 7th May 2020 to 20th May 2020.
- Participated in Online Faculty Development Programme on “**Examinations in wake of COVID-19**” held on 8th May 2020 organized by Department of Commerce - Shift II, Patrician College, Chennai in Association with DigitalEdu IT Solution.
- Participated in three days online Faculty Development Programme on “**R Programming**” from 14.05.2020 to 16.05.2020 organized by Sona College of Technology, with course material provided by the Spoken Tutorial, IIT Bombay.
- Participated in a one week Faculty Development Programme on “**Probability and Statistics (with hands on training using virtual MATLAB & R)**” organized by School of Advanced Sciences, Department of Mathematics, Kalasalingam Academy of Research and Education, Krishnankoil during May 16-22, 2020.
- Participated in “**Online Workshop on Mathematical Sciences for CSIR-UGC NET Aspirants**” from 19th to 23rd May 2020 organized by St. Mary’s College, Thoothukudi.
- Participated in the National Webinar on “**Obstacles and Guidelines for Publishing Papers in Journals**” conducted on 23.05.2020 by PRUCAS Library., Pappireddipatti, Dharmapuri.

- Participated in the National Webinar on “**Open Educational Resources**” on 24 May 2020, organized by PRUCAS Library, Pappireddipatti, Dharmapuri.
- Participated in “**CSIR NET Preparation Tools and Techniques**” held from 25th – 29th May 2020 organized by The Standard Fireworks Rajarathinam College for Women, Sivakasi.
- Successfully Completed two days online course on “**Numerical Ability**” on 27.05.2020-28.05.2020 organized by Department of Mathematics, Sri Sankara college of Science & Commerce, Coimbatore-641035.
- Participated in the Webinar on “**Mathematical Documentation and Computation Using Online Tools**” Organized by the PG & Research Department of Mathematics, St. Mary’s College (Autonomous), Thoothukudi, Tamil Nadu on 28th and 29th May 2020.
- Participated in International Faculty Development Programme on “**Building Competence**” on 29.05.2020 organized by Department of Mathematics, Sri Sarada Arts & Science College for Women(Autonomous), Salem-636 016.
- Participated in National Webinar on “**Mathematics-A key Technology**” on 29 May 2020 organized by Department of Mathematics, Kings College of Engineering, Chennai.
- Attended an International Webinar on “**Introduction To Machine Learning**” on 29 May 2020 organized by Department of Mathematics, Sacred Heart College (Autonomous), Thirupattur.

2020 – 2021

- Participated in the Online “**Workshop on Mathematical Analysis (MATANA 2020)**” from 8th to 13th June 2020 organized by PG & Research Department of Mathematics, Loyola College, Chennai
- Participated in the “**One Day National Webinar on Graph Theory**” on 12.06.2020 organized by the PG & Research Department of Mathematics, Government Arts College (Grade-1), C.Mutur, Chidambaram - 608 102.

- Participated in Webinar on "**Carrier Opportunities for Mathematics Graduates**" on 07.07.2020 jointly Organized by Internal Quality Assurance Cell (IQAC) and Department of Mathematics, Government of Arts College(Autonomous), Salem –636007.
- Attended the Webinar on "**Challenges to Women College Teachers during COVID-19 Lockdown**" organized by The Madura College on 7th August 2020.
- Mentored team of students on **Student Induction Programme – 2020** from 31.08.2020 – 07.09.2020 at The Madura College, Madurai.
- Participated in One day Professional Development Workshop for Science Stream Research Scholars of Periyar University On "**EXCELLENCE IN SCIENCE STREAM DOCTORAL RESEARCH**" organized by SWAYAM Cell, Periyar University, Salem on 04.11.2020.