

PROFILE

Name: **Dr. M. SARAVANAN**

Designation: Assistant Professor



1. Academic Qualification

S.No.	Degree	Subject	Name of the Institution/University	Year of Passing
1.	B. Sc.	Mathematics	Sri SRNM College, Madurai Kamaraj University	2002
2.	M. Sc.	Mathematics	Sri SRNM College, Madurai Kamaraj University	2004
3.	M. Phil.	Mathematics	St. Xavier's College, Palayamkottai, M.S.University	2005
4.	M. Tech.	Computer & Information Technology	M.S. University	2008
5.	SET	Mathematical Science	Mother Teresa Women's University	2017
6.	Ph. D.	Mathematics	SSN College of Engineering, Anna University	2020

2. Teaching Experience

S.No.	Name of the Institute	From	To
1.	Mannar Thirumalai Naicker College, Madurai	20-08-18	Till date
2.	St. Joseph's College of Engineering, Chennai.	28-08-08	13-08-18
3.	Vel Tech, Chennai	18-12-07	22-08-08
4.	Sardar Raja College of Engineering, Tirunelveli	18-06-07	10-12-07
5.	Infant Jesus College of Engineering, Tuticorin	10-08-05	01-06-07

3. Area of Specialization: Graph Theory, Fuzzy Graphs, Numerical Methods

4. Faculty Development Program

S.No	Faculty Development Programme	Title of the Programme	Name of the Institution/University	Month and Year
1.	Faculty Induction Programme	Online Faculty Induction Programme in <i>PMMMNM</i> scheme	Ramanujan College, Delhi University	4 th June to 1 st July 2020
2.	Short term course	Short term course on Research Methodology	HRDC, Bharathiar University	14-10-2020 to 16-10-2020

5. Research experience

Ph.D thesis title	Field of Specialization	Institute/University
Vulnerability Parameters in Fuzzy Graphs	Mathematics	SSN College of Engineering, Anna University

M.Phil thesis title	Field of Specialization	Institute/University
Decomposition of graphs	Mathematics	St. Xavier's College, Palayamkotai

6. Papers Publications

S.No.	Title of the paper	Name of Journal	Year	Indexed in
1.	Domination integrity and Efficient fuzzy graphs	Neural Computing and Applications	2019	Science Citation index expanded
2.	Concept of integrity and its value of fuzzy graphs	Journal of Intelligent & Fuzzy Systems	2018	Science Citation Index-Expanded
3.	Application of domination integrity of graphs in PMU placement in electric power networks	Turkish Journal of Electrical Engineering & Computer Sciences	2018	Web of Science
4.	Integrity of fuzzy graphs	Bulletin of the international mathematical virtual institute	2016	–
5.	A study on regular fuzzy graphs and integrity of fuzzy graphs	International Journal of Applied Engineering Research	2015	Scopus

6. Papers Presented:

S.No	Title of the Paper	International/National /State level	Title of the Conference	Institution/ College Name	dt/mm/yr
1.	Application of domination integrity of graphs in PMU placement	National	Third SRESA National Conference on Reliability & Safety Engineering	SSN College of Engineering	01-03, Dec, 2016
2.	Centrality concepts in graph theory	International	International Conference on Mathematical Methods, Modeling and Simulation in Chemical Sciences		06 - 08 Dec. 2018

7. Faculty Development Programme Attended:

S. No	Programme	Title	Institution, University	Days
1.	Online Faculty Development Programme	Post COVID – 19 Rejuvenation	Nirmala College for Women, Bharathiyar University	18 th May to 21 May 2020
2.	Faculty Development Programme	Data Analysis & Visualization of COVID-19 Dataset Using Python	Jerusalem College of Engineering, Anna University	07.05.2020
3.	Faculty Development Programme	Evolution from Offline to Online Teaching	Satish Pradhan Dnyanasadhaa College, University of Mumbai	30 th May to 3 rd June 2020
4.	National level Faculty Development Programme	Future of Examinations: Bloom's Taxonomy and Multiple Assessment Tools	GTN Arts College, Madurai Kamaraj University	08.06.2020
5.	Online National Faculty Enrichment Programme	Faculty Enrichment Programme	Mannar Thirumalai Naicker College, Madurai Kamaraj University	13 th May to 19 th May 2020

6.	Online Faculty Development Programme	Introduction to Fuzzy sets and Its Generalization	Mepco Schlenk Engineering College, Anna University	10.06.2020
7.	National level Enrichment Programme	Franchising the way forward	Mannar Thirumalai Naicker College, Madurai Kamaraj University	28.05.2020
8.	A Two days Online Faculty Development Programme	Project Proposals for Funding Agencies: Preparation and Submission Protocol	Patrician College of Arts and Science, University of Madras	16 th May to 17 th May 2020
9.	Three days online Faculty Development Programme	Recent Advances in Graph Theory	St. Joseph's College of Engineering, Anna University	28 th May to 30 th May 2020
10.	Two days Online International Faculty Development	Fuzzy Mathematical Modelling	St. Joseph's College of Engineering, Anna University	16 th June to 17 th June 2020
11.	Faculty Development Programme	Discrete Mathematics	SSN College of Engineering, Anna University	June 2014
12.	Faculty Development Programme	National Conference on Fuzzy Theory & Applications	KCG College of Technology	24 – 7 – 15 to 25 – 7 – 15
13.	Faculty Development Programme	Teacher's Enrichment Workshop	IMSc., Chennai	23 – 28, Nov. 2015
14.	Faculty Development Programme	ADMA Pre-Conference School on Graph Algorithm	SSN College of Engineering	5-7, June 2017

8. Workshop/Conference/FDP Attended in MTNC:

S.No	International/ National/ State Level	Title of the Workshop/Conference	Name of the Institution /University	Month and Year
1.	International	Revolutionary trends in Mathematical sciences 2018	MTNC	Dec – 2018
2.	State Level	Promotion of API Score and CAS Filing	MTNC	March – 2019
3.	State Level	One day training and production workshop on prospects of outcome-based curriculum	MTNC	March – 2019
4.	State Level	Outcome Based Education	MTNC	August – 2019
5.	State Level	Capacity building program	MTNC	Oct – 2019
6.	State Level	Promotion of API score and career Advancement Scheme	MTNC	March – 2020
7.	State Level	21st Century skills	MTNC	March – 2020
8.	State Level	Quality Assurance and Sustenance in Higher Education	MTNC	March – 2020

9. Positions held at our college (MTNC):

S.No	Name of position	From	To
1.	Assistant Controller of Examination	08. 07.2019	Till date
2.	Convenor, National Level Webinar on Recent trends in Mathematical Modelling	27.07.2020	–
3.	Co – Convenor, Versatile Math Rey – 2020 (ICF)	06.03.2020	–

10. Guest Lecture

S.No	Place	Title	Date
1.	Thiravium College of Arts & Science	Transforms and its applications	24-09-2019

11. Webinars

S. No	Programme	Title	Institution, University	Days
1.	Online Webinar	Vulnerability Parameters in Graphs	St. Josephs College, University of Madras	27.05.2020
2.	National Level Webinar	Polynomials associated with graphs	TDMNS College, Manonmaniam Sundaranar University	15.06.2020
3.	Webinar for Mentee Institutions	SSR Preparation	SFT College, Madurai Kamaraj University	25 th to 29 th May 2020
4.	Webinar for Mentee Institutions	NAAC Accreditation Process – Dos and Don'ts	SFR College, Madurai Kamaraj University	29.05.2020
5.	Webinar	Fuzzy Logic and its Applications	Rohini College of Engg., Anna University	12.06.2020
6.	Webinar	Edge Colouring in graphs	Pope's College	18.06.2020
7.	Webinar	Selection of Appropriate Statistical Tools: A critical way for Successful Research	St. Mary's College	12.05.2020
8.	One day Webinar	Residue Theory and its Applications	GVN College	12.06.2020
9.	Three day international webinar	Graph theory & Human Factors in Aviation	GVN College	03 rd June to 05 th June 2020
10.	Webinar	Micro & Nanotechnology and its applications	GTN College	14.05.2020
11.	Webinar	Key Issues in Research Methodology	GTN College	03.06.2020
12.	One Day Webinar	Graph Embedding	Don Bosco College of Arts and Science	16.06.2020
13.	Webinar	Crystallography and its Applications	Er. Perual Manimekalai College of Engineering	08.05.2020

14.	International level COVID-19 Pandemic Webinar	Energy Storage devices	Thigarajar College, Madurai	15.05.2020
15.	Webinar Programme	Centrality Measures in Graph Theory	Kalasalingam Academy of Research and Educaton	23.05.2020
16.	Webinar	Bio Diversity	MTN, Madurai	22.05.2020