

Name	Dr. SARASWATHI.D			
Contact (office)	Assistant Professor in Mathematics Department of Science and Humanities M.I.E.T. Engineering College Trichy -620 007.			
Email	Saraswathi.d@miet.edu			
Educational Qualifications	DEGREE	EDUCATIONAL INSTITUTION	BOARD/ UNIVERSITY	YEAR OF PASSING
	Ph.D. Mathematics	H.H.The Rajah's College, Pudukkottai	Bharathidasan University, Trichy	2020
	B.Ed., Mathematics	Teresa college of Education, Illuppur	Tamilnadu Teachers Education University, Chennai	2009
	M.Phil., Mathematics 2006	H.H. The Rajah's College, (Autonomous), Pudukkottai	Bharathidasan University, Trichy	2006
	M.Sc., Mathematics 2005	H.H. The Rajah's College,(Autonomous), Pudukkottai	Bharathidasan University, Trichy	2005
	B.Sc., Mathematics 2003	Govt. Arts and Science College for Women, Pudukkottai	Bharathidasan University, Trichy	2003
Professional Career Profile	Organization	Designation	Date of Joining	Duration of work
	M.I.E.T. Engineering College	Assistant Professor	01.12.2021	Till date
	Sureya College Of Engineering, Konalai, Trichy.	Assistant Professor	30.12.2013 to 26.02.2021	7.4 years
	GRM Engineering College, Chennai.	Assistant Professor	05.08.2010 to 18.02.2013	2.6 years
	H.H.The Rajah's College, (Autonomous), Pudukkottai.	Guest Lecturer	11.09.2007 to 21.04.10	1.11 years

Awards & Recognitions	NIL
Membership in Professional Bodies	NIL
Academic Areas of Interest	Stochastic Processes, Engineering Mathematics.

LIST OF PUBLICATIONS

1. Published a paper titled "**Planning Capacity in Primary Health Care under the Utilization of Type of Patients**" on South East Asian Journal of Math & Math. Science (ISSN 0972 – 7752), Volume 14 – No. 2, May 2018.
2. Published a paper titled "**A Study on Surgery Planning and Scheduling Using Queuing Models and Simulation**" on International Journal of Research in Advent Technology (IJRAT)(ISSN: 2321-9637), Jan 2019.
3. Published a paper titled "**To Determine The impact of a Short Stay Unit on Hospital Congestion in The Emergency Department Using Simulation Models**" on Journal of computational information system 15:1 (2019) 236-246, Jan 2019.
4. Published a paper titled "**The Analysis of Appointment System to Reduce Outpatient Waiting Time at Trichy Government Hospital**" Advance in mathematics scientific journal. ISSN No: 1857-8365 (2019).

SEMINAR/WORKSHOP/TRAINING PROGRAM

1. **Planning Capacity in Primary Health Care under the Utilization of Type of Patients**, presented at the National Level Conference on Recent Trends in Mathematics and its applications, SRM Institute of Science & Technology, Vadapalani, Chennai. On Feb 23rd& 24th 2018.
2. **A Study on Surgery Planning and Scheduling Using Queuing Models and Simulation**, presented at the International Level Conference on Applied & Bio-inspired Computations, at Bishop Herber College, Trichy on Jan 10 & 11, 2019.
3. **To Determine the impact of a Short Stay Unit on Hospital Congestion in the Emergency Department Using Simulation Models** presented at the National Level Conference on Mathematical and Computational Sciences at Alagappa University, Karaikudi on Oct 23 & 24, 2018.
4. **The Analysis of Appointment System to Reduce Outpatient Waiting Time at Trichy Government Hospital** presented at the International Level Conference on Recent Advances in Pure and applied Mathematics at Raja Doraisingam Government Arts College, Sivagangai on Aug 27 & 28, 2019.
5. Participated in two days **"FDP- Linear Algebra and Partial Differential Equations & Graph Theory and its Applications"** at K. Ramakrishna College of Engineering, Trichy on June 29 and 30, 2018.
6. Participated in **"State level Workshop on Basics of Recent Trends in Mathematics"** at H.H.The Rajah's College, Pudukkottai, on March 21, 2019.
7. Participated in **"FDP – Fuzzy Mathematics"** at Aiman College of Arts and Science for Women, on Oct 11, 2019.
8. Participated in **Two week online International FDP on " Current Trends in Applications of Mathematics"** at Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology,Avadi,Chennai-62 from 21-09-22 to 04-10-22.

9. Participated in **Webinar on "Differential Equations and Transforms: An Innovative Methods"** at SIMATHS school of Engineering, Thandalam, Chennai-602105 on 18-10-22.

10. Participated in **one week online FDP on "Recent Research Area and its Application Mathematics"** at Vel Tech Rangarajan Dr,Sagunthala R&D Engineering College, Avadi, Chennai-62 from 10-10-22 to 15-10-22.

11. Participated in **Webinar on "Innovative Theretical Possibilities in Theoretical Surgery"** at SIMATHS school of Engineering, Thandalam, Chennai-62105 on 20-10-22.

12. Participated in **National Webinar on "Fuzzy Mathematics"** at Gonzaga College of Arts and Science for Women, Kathampallam, Elathagir-635108 on 26-10-22.

13. Successfully Completed 8 weeks course **"Descriptive Statistics with R software"** on **NPTEL** Online Certification programme from Aug-Oct 2022.