



Valliammai Engineering College

1M Nagar, Kattankulathur-603203, Kancheepuram District, Tamil Nadu

TEL : 044 - 27454784 / 726, FAX : 044 - 27451504

Department of Mathematics

Personal Details

Name :	G. Sasikala	
Designation :	Assistant Professor (OG)	
Educational Qualification :	M.Sc.,M.Phil.,Ph.D	
Experience:	13.3 Years	
Area of Specialization :	Topology	
Date of Birth :	28.07.1983	
Date of Joining :	18.07.2016	
Email ID :	sasigmath83@gmail.com	
Contact Numbers :	9445184878	Extn:- 8083



Educational Details

S.No	Degree	Branch/Specialization	Institution / University	Year
1	B.Sc	Mathematics	Bharathidasan	2003
2	M.Sc	Mathematics	Bharathidasan	2005
3	M.Phil	Mathematics	Bharathidasan	2006
4	Ph.D	Mathematics/ Topology	Manonmaniam Sundarnar University	2021(Awaiting for Provisional)

Professional Society Memberships

1. Indian Society for Technical Education (ISTE) - Life Member
2. Indian Science Congress(ISC) - Life Member

Publication Details

1. M. Ramesh, R. Bhoopathi, C. Deepa & G. Sasikala, "Experimental investigation on morphological, physical and shear properties of hybrid composite laminates reinforced with flax and carbon fibers", Journal of the Chinese Advanced Materials Society, (2019) Vol. 6, Issue 4, PP 640-654, DOI: 10.1080/22243682.2018.1534609.
2. R Bhoopathi, M Ramesh, M Naveen Kumar, P Sanjay Balaji and G Sasikala, "Studies on mechanical strengths of hemp-glass fibre reinforced epoxy composites", IOP Conference Series: Materials Science and Engineering, (2018), Vol. 402, Issue 1, 012083, p-ISSN: 1757-899X.
3. G Sasikala & M. Navaneethakrishnan, "On Intuitionistic Preopen Sets", International Journal of Pure and Applied Mathematics, (2017), Vol. 116, Issue 24, PP 281-292, p-ISSN: 1311-8080.
4. G Sasikala & M. Navaneethakrishnan, "Study on Intuitionistic α -open sets and α -closed sets",

International Journal of Mathematical Archives, (2017), Vol. 8, Issue 1, PP 26-30, p-ISSN: 2229-5046.

5. Bhoopathi, R., R.Ramesh, R.Rajaprasanna, C. Deepa and **G. Sasikala** “**Physical Properties of Glass-Hemp-Banana Hybrid Fiber Reinforced Polymer Composites**”, *Indian Journal of Science and Technology*, (February 2017), Vol 10(7), DOI: 10.17485/ijst/2017/v10i7/103310.
6. **G Sasikala** & M. Navaneethakrishnan, “**Study on Intuitionistic Semiopen Sets**”, *IOSR Journal of Mathematics (IOSR-JM)*, Ver. III (Nov. - Dec.2016), PP 79-84, e-ISSN: 2278-5728, p-ISSN: 2319-765X.
7. Bhoopathi, R., C. Deepa, **G. Sasikala**, and M. Ramesh. “**Experimental Investigation on Mechanical Properties of Hemp-Banana-Glass Fiber Reinforced Composites.**” *Applied Mechanics and Materials* 766–767 (June 2015): 167–72. <https://doi.org/10.4028/www.scientific.net/amm.766-767.167>.

Research and Development Details

Completed Doctor of Philosophy (Ph.D) in Mathematics (Topology),

Title : “A Study on Intuitionistic Topological Spaces”

Date of Completion : 15-02-2021

University : Manonmaniam Sundarnar University, Tirunelveli, TamilNadu.

Other Particulars

Paper Presented in International Conference:

1. Presented a Paper Titled “**Intuitionistic Semiopen Sets and Semiclosed Sets**” in the **International Conference on Science, Technology, Engineering and Management (ICSTEM’19)**, organized by KIT - Kalaignarkarunanidhi Institute of Technology, Coimbatore, Tamilnadu, India from 22nd March to 23rd March 2019.
2. Presented a Paper Titled “**On Intuitionistic Preopen Sets**” in **1st International Conference on Advanced Technologies in Engineering, Management and Sciences (ICATEMS’17)**, Organized by Golden Valley Integrated Campus(GVIC), Chittoor, Andhara Pradesh, India from 16th November to 17th November 2017.

Faculty Development Programme / Short Term Training Programme/ Workshop / Seminar Attended:

3. Attended a **One week Faculty Development Program** on “**Embracing the creative side of Teaching and Learning Methods**”, organized by the RMK College of Engineering and Technology, Chennai from 29 th June 2020 to 03rd July 2020.
4. Participated in the **IIC Online Sessions** conducted by **Institution's Innovation Council (IIC) of MHRD's Innovation Cell**, New Delhi to “**promote Innovation, IPR, Entrepreneurship, and Start-ups**”

among HEIs from 28th April to 22nd May 2020 during COVID-19 nationwide lockdown.

5. Attended a **One week Faculty Development Program** on **“Ethical Practices in Engineering”**, organized by the Department of Mechanical Engineering in association with IQAC & HRD of Sri Sairam Engineering College, from 28 th May 2020 to 03rd June 2020.
6. Attended a **One week NPTEL- AICTE Faculty Development Program** on **“Introduction to Research”**, conducted by NPTEL from February 2019 to April 2019 along with NPTEL Course.
7. **Completed and Passed a QMS Internal Auditor Course** (Covering ISO 9001:2008 and ISO 19011:2002) Organized by GKM College of Engineering and Technology, Chennai on 06th September 2014.
8. Attended a **Two Days Bridge Course** on **“Mathematics”**, Organized by Centre for Faculty Development, Anna University, Chennai between 23rd and 24th June 2014.

NPTEL Courses Completed:

Sl. No.	Name of the NPTEL Courses	Duration
1	<i>Mathematical Methods and its Applications</i>	12 Weeks
2	<i>Numerical Methods: Finite difference Approach</i>	4 Weeks
3	<i>Introduction to Research</i>	8 Weeks
4	<i>Engineering Mathematics II</i>	12 Weeks