

# RESUME



**Name: Dr.H. Sujitha**  
**Designation: Assistant Professor**  
**Department: Mathematics**  
**Address: St. Xavier's College (Autonomous), Palayamkottai**

## PERSONAL DETAILS

Date of Birth : 25.06.1987  
Qualification : M.Sc., M.Phil., Ph.D.  
Designation : Assistant Professor  
Department : Mathematics  
Community : BC  
Religion : Roman Catholic  
Nationality : Indian  
Mobile : 9994265978  
Email ID : suji.sujitha16@gmail.com

## ACADEMIC QUALIFICATIONS

Degree	Specialization	College	University	Year of Passing
Ph.D	Topology	MS University	MS University	2022
M.Phil	Mathematics	APC Mahalaxmi	MS University	2011

		Collegefor Women, Thoothukudi		
M.Sc	Mathematics	VOC College, Thoothukudi	MS University	2009
B.Sc	Mathematics	St.Mary's College, Thoothukudi	MS University	2007

### ACADEMIC IDENTITY

*VIDWAN ID	407857
*ORCID ID	0000-0002-2851-2775
*SCOPUS ID	
*RESEARCHER ID/ PUBLONS ID	<a href="https://publons.com/researcher/4469522">https://publons.com/researcher/4469522</a>
GOOGLE SCHOLAR LINK	

### TEACHING EXPERIENCE

<b>Date of Appointment</b>	19.06.2023
<b>Date of Retirement</b>	-
<b>Teaching Experience</b>	UG- 11 years
	PG - 11 years
	M.Phil.-2 years
<b>Research</b>	Guided M Phil: Guided Ph D: Guiding Ph Scholar:

COURSES/CLAS SES TAUGHT	NAME OF THE INSTITUTIONS	DURATION		Years
		From	To	
B.Sc.,	St. Xavier's College (Autonomous), Palayamkottai	19.06.2023	Till date	
B.Sc.,	St.Mary's College, Thoothukudi	01.07.2011	10.10.2022	11 years
M.Sc.,	St.Mary's College, Thoothukudi	01.07.2011 01.11.2021	30.03.2020 30.04.2022	10 years 6months
M.Phil.	St.Mary's College, Thoothukudi	01.08.2017	30.04.2019	2 years

### AWARDS RECEIVED

1.	
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<b>ADMINISTRATIVE EXPERIENCE</b>			
<b>S. No</b>	<b>DESIGNATION</b>	<b>INSTITUTIONS</b>	<b>YEAR</b>
1.	Assistant Professor in the Dept. of Mathematics	St. Xavier's College(Autonomous), Palayamkottai	June 2023 – Till date
2.	Assistant Professor in the Dept. of Mathematics	St.Mary's College(Autonomous), Thoothukudi	July 2011 – October 2022
3.	<b>Coordinator,</b> Dept. of Mathematics	St.Mary's College(Autonomous), Thoothukudi	2016 -2018

<b>MEMBERSHIP</b>		
<b>S. No</b>	<b>Designation</b>	<b>Particulars</b>
1.		
2.		

**ORIENTATION / REFRESHER COURSES / FACULTY DEVELOPMENT PROGRAMME UNDERGONE ( )**

<b>S. No</b>	<b>Name of the Training</b>	<b>Name of the Sponsoring Agency</b>	<b>Place and Date</b>
1	Two Day Online FDP on Scientific Research on Topology	TEQIP-III Sponsored	Coimbatore Institute of Technology, Coimbatore-641014, 22.03.2021 to 23.03.2021
2	Faculty Induction Programme	Higher Education Commission, Jesuit Madurai Province	Sacred Heart College, Shembaganur, Kodaikanal. 09.06.2023 to 11.06.2023
3.	Orientation Programme for Teachers	IQAC St. Xavier's College (Autonomous), Palayamkottai	St. Xavier's College (Autonomous), Palayamkottai 16.06.2023 and 17.06.2023
4.	“SXC 2023-24- Faculty Empowerment Programme (FEP)-01”	IQAC, St. Xavier's College (Autonomous), Palayamkottai	St. Xavier's College (Autonomous), Palayamkottai 22.07.2023

**DETAILS OF RESEARCH WORK**

<b>Research Stages</b>	<b>Title of the Thesis</b>	<b>University where the work was carried out</b>

Ph.D.Awarded	A Study on Multiple Topological Spaces	MS University
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AREAS OF RESEARCH
Topology
Graph Theory

RESEARCH PROJECTS CARRIED OUT			
S. No	Title of the Project (Minor)	Name of the Funding Agency & Amount	Duration

PUBLICATIONS				
BOOKS	BOOK CHAPTERS	SCOPUS	WEB OF SCIENCE	UGC LISTED
	1	5	2	1
OTHER INDEXED	AS A RESOURCE PERSON	PAPERS PRESENTED IN NATIONAL AND INTERNATIONAL SEMINARS	WEBINARS, SEMINARS, WORKSHOPS ATTENDED	
1		8	42	

PUBLICATIONS: BOOKS ()			
S. No	Title of the Book	Publication	Year

BOOK CHAPTERS (1)			
S. No	Title of the Paper	Name of the Book	ISSN No., Pg.No
1.	On Tri $g^*\beta$ -Continuous Maps In Tri-Topological Spaces	Proceedings of International E-Conference On Modern Mathematical Methods and High Performance Computing in Science and Technology - ICMMMHPST 2021	ISSN: 978-81-951315-2-5 pp. 193-196

**PUBLICATIONS: SCOPUS INDEXED JOURNALS (5) WEB OF SCIENCE (2)**

S. No	Title of the Paper	Name of the Journal	ISSN No., Volume, Issue, Impact factor & Pg. No
1.	A New Class of Nano Generalized Star Beta Closed Sets in Nano Topological Spaces	Journal of Advanced Research in Dynamical and Control System (Scopus)	ISSN: 1943-023X Vol. 12, No. 04, pp.1088-1094
2.	Soft $g^*\beta$ – Closed Sets in Soft Topological Spaces	Journal of Mechanics of Continua and Mathematical Sciences (Web of Science)	ISSN: 2454 -7190 Vol. 15, No. 08, pp.188-195
3.	New Approaches About Contra $g^*\beta$ -Continuous Functions in Topological spaces	Indian Journal of Natural Sciences (Web of Science)	ISSN: 2454-7190 Vol. 12, No. 66, pp. 31470-31474
4.	A New Set of Soft Generalized $*\beta$ -Locally Closed Sets in Soft Topological Spaces	Journal of Physics: Conference Series (Scopus)	ISSN: 1742-6500 Vol. 1947, 012013
5.	On Soft Contra $g^*\beta$ –Continuous Functions in Soft Topological Spaces	South East Asian Journal of Mathematics and Mathematical Sciences (Scopus)	ISSN: (P): 0972-7752 (O): 2582-0850 Vol. 17 pp. 101-108
6.	Generalized Star Beta Closed Sets in Bitopological Spaces	AIP Conference Proceedings (Scopus)	ISSN:(P):0094-243X, E-ISSN: 1551-7616 Vol. 2516,370002
7.	On Generalizes Star* Beta Closed Sets in Tritopological Spaces	AIP Conference Proceedings (Scopus)	ISSN:(P):0094-243X, E-ISSN: 1551-7616 Vol. 2446, 180050

**PUBLICATIONS: UGC LISTED JOURNALS (1)**

S. No	Title of the Paper	Name of the Journal	ISSN No., Volume, Issue, Impact factor & Pg. No
1.	On $g^*\beta$ – Compactness and $g^*\beta$ – connectedness in Topological Spaces	Malaya Journal of Mathmatik	ISSN:2321-5666 Vol. 08, No. 04, pp.1370-1374

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**PUBLICATIONS: OTHER INDEXED JOURNALS (1)**

S. No	Title of the Paper	Name of the Journal	ISSN No., Volume, Issue, Impact factor &Pg.No
1.	The Concept of $g^*\beta$ – Closed Sets in Topological Spaces	International Journal of Mathematical Archive	ISSN: 2229-5046 Vol. 11 No.04, pg.14-23

**AS A RESOURCE PERSON ()**

S. No	Name of the Event	Name of the Sponsoring Agency	Place and Date

**WEBMINARS/SEMINARS/ CONFERENCES / SYMPOSIA / WORKSHOP PAPER PRESENTED: National (1) International (7)**

S. No	Name of the Event	Name of the Sponsoring Agency	Place and Date
1.	National Conference on Advances in Mathematics	St.Mary's College (Autonomous), Thoothukudi-628001.	12.03.2020 13.03.2020
2.	International Conference on Academy of Discrete Mathematics and Application	Department of Mathematics, Mangalore University, Mangalagangothri-574199	08.02.2021 to 10.02.2021
3.	International Conference on Applied Mathematics and Civil Structures (ICAMCS 2021)	Department of Mathematics & Civil Engineering SSN College, Kalavakkam, Chennai-603110	12.02.2021 to 13.02.2021
4.	International Conference on 6 <sup>th</sup> Biennial International Group Theory Conference-2021 (6BIGTC-2021)	Department of Mathematics, School of Advanced Sciences, Vellore Institute of Technology, Vellore.	04.03.2021 to 06.03.2021
5.	2 <sup>nd</sup> International Conference on Mathematical Technique and Applications (e-ICTMA-2021)	Department of Mathematics, College of Engineering and Technology, SRM Institute of Science and Technology, Kattankulathur- 603203, Chengalpattu District, Tamilnadu.	24.03.2021 to 26.03.2021

6.	International E-conference on “Recent Trends in Science and Technology”	Marian Start Centre, PG and Research Department of Botany, St. Mary’s College (Autonomous), Thoothukudi-628001. Tamilnadu.	29.04.2021 to 30.04.2021
7.	International Virtual Conference on Mathematical Modelling, Analysis and Computing IC-MMAC-2021	Department of Mathematics, Thiruvalluvar University, Vellore, Tamilnadu.	08.07.2021 to 09.07.2021
8.	National Conference on “Contemporary Mathematics and Applications”	Dwaraka Doss Goverdhan Doss Vaishnav College (Autonomous), Chennai.	20.10.2021 to 23.10.2021

<b>WEBMINARS/SEMINARS/ CONFERENCES / SYMPOSIA / WORKSHOP ATTENDED:</b>			
<b>S. No</b>	<b>Name of the Event</b>	<b>Name of the Sponsoring Agency</b>	<b>Place and Date</b>
1.	One Day Seminar on “E-Resources - A Must In Today’s Scholarly World”	St. Mary’s College (Autonomous), Thoothukudi, Tamilnadu.	19.10.2012
2.	National Seminar on “Ramanujan - The Legend of Infinity”	St. Mary’s College (Autonomous), Thoothukudi, Tamilnadu.	14.02.2013- 16.02.2013
3.	National Seminar on “Institutional Quality Information: Role of Information and Communication Technology”	St. Mary’s College, Thoothukudi, Tamilnadu.	31.1.2014 – 1.2.2014
4.	The Art of student Mentoring: One day training Programme for College Teachers	Don Bosco College of arts and science, Keela Eral, Tamilnadu.	05.07.2014
5.	National Seminar on International Year of Mathematics for the planet earth 2013	St. Mary’s College (Autonomous), Thoothukudi, Tamilnadu	17.07.2014 18.07.2014
6.	Workshop on “Technology Integrated Teaching – TIT 2014”	St. Mary’s College, (Autonomous) Thoothukudi, Tamilnadu.	05.12.2014 06.12.2014
7.	National Seminar on “Advances in Fuzzy Algebra, Fuzzy Topology and Fuzzy Graphs, AFATG-2015”	APC Mahalaxmi College for women, Thoothukudi	22.01.2015- 23.01. 2015

8.	National Seminar on IQAC Quality Enhancement in Higher Education: Teaching, Learning & Evaluation	St.Mary's College, (Autonomous) Thoothukudi	07.01.2016 08.01.2016
9.	National Seminar on "Recent Trends In Mathematics"	St.Mary's College (Autonomous), Thoothukudi, Tamilnadu.	14.12.2016
10.	National Conference organized by IQAC "Cosmic Concerns:An Interdisciplinary Dialogue In Applied Ethics"	St.Mary's College, (Autonomous) Thoothukudi, Tamilnadu.	27.01.2017 28.01.2017
11.	International Conference "Computing Sciences ICCS 2018" Organized by LIMCOS	Loyola College Chennai, Tamilnadu.	08.01.2018- 09.01.2018
12.	International Conference "Applications on Mathematics"	St. Mary's College (Autonomous), Thoothukudi-628001	11.01.2018
13.	National Conference: Instructional School on "Emerging Trends in Advanced Mathematics-ISETAM 2019	St. Mary's College, (Autonomous), Thoothukudi-628001	11.02.2019 12.02.2019
14.	Workshop on Creating Blog for Google Generation in The 2.0 World Creating Blog for Google Generation in The 2.0 World	St.Mary's College, (Autonomous), Thoothukudi-628001	12.03.2019
15.	National Workshop on Writing Research Proposals For Funded Projects	Marian Research Forum, St.Mary's College (Autonomous), Thoothukudi-628001	04.09.2019
16.	National Conference on Scientific Publication and Evaluation: Reference tools, citation Analysis and Plagiarism	Marian Research Forum, St.Mary's College (Autonomous), Thoothukudi-628001	03.02.2020
17.	National Conference on Advances in Mathematics	St.Mary's College (Autonomous), Thoothukudi-628001.	12.03.2020 13.03.2020
18.	Webinar on "LaTeX"	Chevalier T.Thomas Elizabeth College For Women, Chennai	27.04.2020
19.	Webinar on Documentation Using LaTeX	Arasu College of Arts & Science for Women, Karur. Tamilnadu	04.05.2020
20.	Webinar on "How to use Turnitin Software for Your Research" Turnitin online on Campus	SGPC's Gurunanak Institute of Management Studies, Mumbai	04.05.2020
21.	Webinar on "Psychological First Aid"	St. Mary's College(Autonomous), Thoothukudi-628001	11.05.2020



22.	Webinar on Selection of Appropriate Statistical Tools: A Critical way for Successful Research”	Research Enhancement Initiative 2019-2020, St. Mary’s College(Autonomous), Thoothukudi	12.05.2020
23.	Webinar on Re-evaluation Covid’19 for New Business Opportunities	IQAC and Department of Economics, Thakur College of Science and Commerce, Mumbai.	19.05.2020
24.	FDP on Real Life Applications of Fuzzy Mathematics	St.Peter’s Institute of Higher Education and Research, Avadi, Chennai	22.05.2020
25.	International Webinar on Recent Advances in Graph Theory	School of Mather Alagappa University, Karaikudi	29.05.2020 30.05.2020
26.	International Faculty Development Programme	IQAC, St.Mary’s College(Autonomous), Thoothukudi	02.06.2020
27.	How to be Successful as a Professor?	A.V.C. College of Engineering, Mannampandal, Mayiladuthurai, Tamilnadu	02.06.2020
28.	International Webinar on “Mathematical Paradoxes”	St.Mary’s College(Autonomous), Thoothukudi	13.06.2020
29.	International Webinar on “Advances in Mathematics”	Department of Mathematics, St.Mary’s College(Autonomous), Thoothukudi	17.06.2020 to 19.06.2020
30.	International Webinar on Numbers	St.Mary’s College(Autonomous), Thoothukudi	20.10.2020
31.	International Conference on “Academy of Discrete Mathematics and Application”	Department of Mathematics, Mangalore University, Mangalagangothri-574199	08.02.2021to 10.02.2021
32.	International Conference on Applied Mathematics and Civil Structures (ICAMCS 2021)	Department of Mathematics & Civil Engineering SSN College, Kalavakkam, Chennai-603110	12.02.2021 to 13.02.2021
33.	On 6 <sup>th</sup> Biennial International Group Theory Conference-2021 (6BIGTC-2021)	Department of Mathematics, School of Advanced Sciences, Vellore Institute of Technology, Vellore.	04.03.2021 to 06.03.2021

34.	National Webinar on “Applications of Mathematics”	PG and Research Department of Mathematics, St. Mary’s College (Autonomous), Thoothukudi-628001.	05.03.2021
35.	Two Day Online FDP on Scientific Research on Topology	TEQIP-III Sponsored, Coimbatore Institute of Technology, Coimbatore-641014	22.03.2021 to 23.03.2021
36.	2 <sup>nd</sup> International Conference on Mathematical Technique and Applications (e-ICTMA-2021)	Department of Mathematics, College of Engineering and Technology, SRM Institute of Science and Technology, Kattankulathur- 603203, Chengalpattu District, Tamilnadu.	24.03.2021 to 26.03.2021
37.	Webinar on “Applications of Mathematics in Science”	Marian Start Centre, In Collaboration with PG and Research Department of Mathematics, St.Mary’s College (Autonomous), Thoothukudi-628001. and Pope’s College (Autonomous), Sawyerpuram, Thoothukudi, Tamilnadu.	21.04.2021
38.	International E-conference on “Recent Trends in Science and Technology”	Marian Start Centre, PG and Research Department of Botany, St. Mary’s College (Autonomous), Thoothukudi-628001. Tamil Nadu.	29.04.2021 to 30.04.2021
39.	National Conference on Mathematical Analysis and Computing (NCMAC-2021)	Department of Mathematics, Sree Sevugan Annamalai College, Devakottai, Sivagangai-630303	28.05.2021
40.	International Webinar on “Systematic Research Methodology- A Transformative Tool for Scientific Research”	Marian Research Forum, St. Mary’s College (Autonomous), Thoothukudi-628001.	22.07.2021
41.	International Virtual Conference on Mathematical Modelling, Analysis and Computing IC-MMAC-2021	Department of Mathematics, Thiruvalluvar University, Vellore, Tamil Nadu.	08.07.2021 to 09.07.2021

42.	National Conference on “Contemporary Mathematics and Applications”	Dwaraka Doss Goverdhan Doss Vaishnav College (Autonomous), Chennai.	20.10.2021 to 23.10.2021
43.	Workshop on Aspects of Higher Education	IQAC, St.Xavier’s College(Autonomous), Palayamkottai	15.06.2023

**Date:25.07.2023**

**Name: DR. SUJITHA.H**