

# RESUME



**Name: Dr. S. Sahayarajjoseph Nirmalkumar**  
**Designation: Assistant Professor**  
**Department: Mathematics**  
**Address: 2/106, Michealpalayam(po), Dindigul(dt), 624215.**

## PERSONAL DETAILS

Date of Birth : 15.05.1992  
Qualification : M.Sc., M.Phil., Ph.D, SET  
Designation : Assistant Professor  
Department : Mathematics  
Community : BC  
Religion : RC  
Nationality : Indian  
Mobile : 9787415569  
Email ID : lssnirmal@gmail.com

## ACADEMIC QUALIFICATIONS

Degree	Specialization	College	University	Year of Passing
Ph.D	Mathematics	St. Xavier's College, Palayamkottai.	Manonmaniam Sundaranar University, Tirunelveli.	2025

SET	Mathematics		Mother Teresa Women's University, Kodaikanal.	2017
M.Phil.,	Mathematics		Bharathidasan University, Trichy.	2015
M.Sc.,	Mathematics	Loyola College, Chennai.	University of Madras, Chennai.	2014
B.Sc.,	Mathematics	St. Joseph's College, Trichy.	Bharathidasan University, Trichy.	2012

### ACADEMIC IDENTITY

*VIDWAN ID	<a href="https://vidwan.inflibnet.ac.in/profile/287877">https://vidwan.inflibnet.ac.in/profile/287877</a>
*ORCID ID	<a href="https://orcid.org/0000-0002-2257-8191">https://orcid.org/0000-0002-2257-8191</a>
*SCOPUS ID	<a href="#">Scopus Author ID: 58696117200</a>
*RESEARCHER ID/ PUBLONS ID	<a href="https://www.webofscience.com/wos/author/record/GON-4803-2022">https://www.webofscience.com/wos/author/record/GON-4803-2022</a>
GOOGLE SCHOLAR LINK	<a href="https://scholar.google.co.in/citations?user=F25IdlgAAAAJ">https://scholar.google.co.in/citations?user=F25IdlgAAAAJ</a>

### TEACHING EXPERIENCE

<b>Date of Appointment</b>	17.06.2019
<b>Date of Retirement</b>	15.05.2052
<b>Teaching Experience</b>	UG 9 years
	PG 9 years
	M.Phil.
<b>Research</b>	Guided M Phil: Guided Ph D: Guiding Ph Scholar:

COURSES/ CLASSES TAUGHT	NAME OF THE INSTITUTIONS	DURATION		Years
		From	To	

B.Sc., M.Sc.,	Bishop Heber College, Trichy.	16.06.2016	31.05.2019	3 years
B.Sc., M.Sc.,	St. Xavier's College, Palayamkottai.	17.06.2019	Till date	6 years

AWARDS RECEIVED	
1.	
2.	
3.	
4.	
5.	

ADMINISTRATIVE EXPERIENCE			
S. No	DESIGNATION	INSTITUTIONS	YEAR
1	Assistant professor	St. Xavier's College, Palayamkottai.	6 years
2	Assistant professor	Bishop Heber College, Trichy.	3 years
3	Guest Lecturer	Bharathidasan University, Trichy.	8 months

MEMBERSHIP		
S. No	Designation	Particulars
1.		
2.		
3.		
4.		
5.		

ORIENTATION / REFRESHER COURSES / FACULTY DEVELOPMENT PROGRAMME UNDERGONE (UGC / HRDC / TLC-PMMNMT ONLY)			
S. No	Name of the Training	Name of the Sponsoring Agency	Place and Date
1	4-Week Induction/Orientation Programme for Faculty in	Teaching Learning Centre, Ramanujan	20 June – 19 July, 2022.

	Universities/Colleges/Institutes of Higher Education	College, University of Delhi	
2	Two - week Interdisciplinary Refresher Course in “ADVANCED RESEARCH METHODOLOGY”	Teaching Learning Centre Ramanujan College, University of Delhi	21 July - 04 August, 2023
3			
4			
5			

<b>ORIENTATION / REFRESHER COURSES / FACULTY DEVELOPMENT PROGRAMME UNDERGONE (SXC &amp; Others)</b>			
<b>S. No</b>	<b>Name of the Training</b>	<b>Name of the Sponsoring Agency</b>	<b>Place and Date</b>
1	Faculty Empowerment Programme	Bishop Heber College, Trichy.	14 June 2017
2	Orientation programme for Young Professors	Jesuit Higher Education Commission, Jesuit Madurai Province.	05-07, June 2019
3	Orientation Programme for Teachers	IQAC, St. Xavier's College, Palayamkottai	15-16, July 2022
4	SXC-Centenary-Faculty Empowerment Programme	IQAC, St. Xavier's College, Palayamkottai	24.09.2022
5	Awareness Programme on Intellectual Property Awareness Mission	IQAC, St. Xavier's College, Palayamkottai	28 <sup>th</sup> October 2022
6	Orientation Programme for Teachers	IQAC, St. Xavier's College, Palayamkottai	17 <sup>th</sup> June 2023
7	SXC 2023-24- Faculty Empowerment Programme	IQAC, St. Xavier's College, Palayamkottai	22 <sup>nd</sup> July 2023
8	SXC 2023-24- FEP on Teacher-Student Relationship & Mentoring System	IQAC, St. Xavier's College, Palayamkottai	4 <sup>th</sup> December 2023
9	Refresher Course on “ICT-Enabled Teaching and Learning	IQAC, St. Xavier's College, Palayamkottai	29 <sup>th</sup> May 2024 to 14 <sup>th</sup> June 2024
10	“Teaching Teachers: Style and Professionalism” A one day faculty Enhancement and Empowerment Programme	St. Xavier's College, Palayamkottai	23.07.2024

11	“Preparation and Finalizing Research Papers for Journals Recognized by the Institute for Scientific Information” Faculty Enhancement and Empowerment Programme	St. Xavier’s College, Palayamkottai	08.08.2024
12	SEEP on “Enhancing Research Productivity; Impactful Publications & Projects”	St. Xavier’s College, Palayamkottai	12.12.2024
13	SEEP on “Imparting Computing skills to the student community”	St. Xavier’s College, Palayamkottai and ZOHO Corporation Pvt Ltd, Munnirpallam, Tirunelveli	15.02.2025
14	National level Virtual One Day FDP on “AI Tools For Research and Teaching”	Department of Artificial Intelligence, St. Xavier’s College, Palayamkottai in association with Pencil Bitz	9 <sup>th</sup> March 2025
15	Five Day Online Faculty Development Programme on “Innovative Pedagogical Approaches to Core Mathematics”	Arul Anandar College, Madurai	02-06, June 2025
16	“Nurturing Minds, Igniting Hearts” An orientation towards Ignatian pedagogy, holistic well-being and outcome-based learning	IQAC, St. Xavier’s College, Palayamkottai	11-13, June 2025

## DETAILS OF RESEARCH WORK

Research Stages	Title of the Thesis	University where the work was carried out
Ph.D-Completed	A study on existence of best proximity points for generalized contraction maps	Manonmaniam Sundaranar University, Tirunelveli

AREAS OF RESEARCH	
Fixed point theory	
Best proximity point 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
-	3	1	1	1
OTHER INDEXED	AS A RESOURCE PERSON	PAPERS PRESENTED IN NATIONAL AND INTERNATIONAL SEMINARS	WEBINARS, SEMINARS, WORKSHOPS ATTENDED	
-	6	7	19	

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

BOOK CHAPTERS ()
------------------

S. No	Title of the Paper	Name of the Book	ISSN No., Pg.No
1.	Best proximity points theorems in topological vector spaces	Interplay of Fractals and Complexity in Mathematical Modelling and Physical Patterns	ISBN: 978-3-031-58641-5_34, Pg507-512
2.	Best proximity points for cyclic Kannan-Chatterjea type contraction mappings on topological spaces	Proceedings of the International Conference on Recent Developments in Pure and Applied Mathematics	ISBN:978-93-5680-006-9
3.	Best proximity pair theorem for cyclic Reich type contraction mapping on topological spaces	Proceedings of the National Conference on Algebraic Graph Theory, Graph Theory and Analysis	ISBN:978-81-965238-3-1

#### **PUBLICATIONS: SCOPUS INDEXED JOURNALS ( ) WEB OF SCIENCE ( )**

S. No	Title of the Paper	Name of the Journal	ISSN No., Volume, Issue, Impact factor & Pg. No
1.	Best proximity points for cyclic contraction mapping on topological spaces	AIP Conference Proceedings	ISSN: 1551-7616, Vol. 2829, 070001-5
2.	Best proximity pair theorem for generalized Reich type cyclic Meir-Keeler contraction mapping on topological spaces	Indian Journal of Natural Sciences	ISSN: 0976-0997, Vol.15 (83), 72897-72900

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

S. No	Title of the Paper	Name of the Journal	ISSN No., Volume, Issue, Impact factor & Pg. No
1.	Best proximity points for generalized contraction mappings on topological spaces	Advances and Applications in Mathematical Sciences	ISSN: 0974-6803, Vol. 21, 6235-6250


<b>PUBLICATIONS: OTHER INDEXED JOURNALS ()</b>			
<b>S. No</b>	<b>Title of the Paper</b>	<b>Name of the Journal</b>	<b>ISSN No., Volume, Issue, Impact factor &amp;Pg.No</b>

<b>AS A RESOURCE PERSON ()</b>			
<b>S. No</b>	<b>Name of the Event</b>	<b>Name of the Sponsoring Agency</b>	<b>Place and Date</b>
1	Online Summer Camp 2022 - A Summer Camp for Dalit and Poor Students	LSSS, Loyola College, Chennai	01-12, June 2022
2	An Intra Collegiate three-day workshop on problem solving in Analysis, Algebra and Integral Equations	Department of Mathematics, St. Xavier's College, Palayamkottai	15-17, November 2023
3	Math Fest 2024	Department of Mathematics, St. Xavier's College, Palayamkottai	31 <sup>st</sup> January 2024
4	National Mathematics Day Celebration	St. Xavier's College, Palayamkottai	10 <sup>th</sup> January 2025
5	Math Fest 2025	Department of Mathematics, St. Xavier's College, Palayamkottai	22 <sup>nd</sup> January 2025
6	Intra Departmental Competitions 2025	Department of Physics, St. Xavier's College, Palayamkottai	03 <sup>rd</sup> March 2025

<b>WEBMINARS/SEMINARS/ CONFERENCES / SYMPOSIA / WORKSHOP PAPER PRESENTED: National () International ()</b>			
<b>S. No</b>	<b>Name of the Event</b>	<b>Name of the Sponsoring Agency</b>	<b>Place and Date</b>
1.	International Conference on Recent Advances in Mathematics and	S.S.N College of Engineering, Chennai.	Virtual, 6-7, January 2022.



	Computational Engineering		
2.	International Conference on Recent Trends in Applied Mathematics	Loyola College, Chennai.	Virtual,3-4, March 2022.
3.	SXC Centenary year – International conference on Recent Developments in Pure and Applied Mathematics	St. Xavier's College, Palayamkottai.	SXC,Palayamkottai. 19-21, July 2022.
4.	National conference on Algebraic Graph Theory, Graph Theory and Analysis.	Manonmaniam Sundaranar University, Tirunelveli.	Department of Mathematics, 23-24, February 2023.
5.	International Symposium on Mathematical Analysis of Fractals and Dynamical Systems-2023	Vellore Institute of Technology, Vellore.	Virtual, 24-25, August 2023.
6.	1 <sup>st</sup> International Mathematics Conclave (IMC-2023)	SASHE, Sastra Deemed University, Thanjavur.	Virtual, 23-25, November, 2023.
7.	International conference on Applications of Mathematics in Data Science (ICAMD-2024)	St. Xavier's College, Palayamkottai.	SXC,Palayamkottai. 27-28, February 2024.

<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	Outreach programme in Mathematics	Ramanujan Mathematical Society and National College, Trichy.	20-27, May 2015
2	Capacity Building Workshop	Bishop Heber College, Trichy.	23 July 2016
3	DBT- Sponsored Two-day Workshop on Curriculum Design and Evaluation Techniques	Bishop Heber College, Trichy.	21-22, November 2016
4	DBT- Sponsored Two-day Workshop on Advance Mathematics	Bishop Heber College, Trichy.	07-08, March 2017
5	National Workshop on Functional Analysis and Applications	Bharathidasan University, Trichy	9-10, March 2017
6	National Conference on Recent Trends in Applied Mathematics	Bishop Heber College, Trichy.	2-3, March 2018
7	Workshop on Examinations and Evaluation Reforms	Bishop Heber College, Trichy.	10 March 2018
8	National Workshop and Seminar on Functional Analysis	St. Berchmans College, Changanassery, Kerala.	2-6, December 2019
9	National Workshop on Functional Analysis and its Application	St. Xavier's College, Palayamkottai.	13-14, February 2020
10	Workshop on Mathematical Analysis	Loyola College, Chennai.	8-13, June 2020
11	International Web Conference on Pure and Applied Mathematics	St. Xavier's College, Palayamkottai	23-24, June 2020
12	Webinar on Homomorphisms on	Government College for	31 July 2020

	Cyclic Groups	Women, Kumbakonam	
13	State Level Endowment Workshop on ICT Tools for Smart Teaching and Learning	St. Xavier's College, Palayamkottai.	31.03.2022 & 01.04.2022
14	Teacher's Enrichment Workshop on Analysis & Geometry	National Centre for Mathematics, TIFR, Mumbai.	Bishop Heber College, Trichy. 25-31, May 2022.
15	Workshop on Aspects of Higher Education	IQAC, St. Xavier's College, Palayamkottai	15 <sup>th</sup> June 2023
16	Five-day Virtual Faculty Empowerment Workshop on "E-Content Preparation & ICT – Tools"	IQAC, St. Xavier's College, Palayamkottai	19 <sup>th</sup> &26 <sup>th</sup> September and 03 <sup>rd</sup> ,10 <sup>th</sup> & 17 <sup>th</sup> October 2023
17	A Two-day workshop on Linear Algebra	Department of Mathematics, St. Xavier's College, Palayamkottai	6 <sup>th</sup> & 7 <sup>th</sup> December 2023
18	Online training programme on "AI-Tools for Teaching and Learning"	IQAC, St. Xavier's College, Palayamkottai	06.04.2024
19	International conference on Graphs from Algebraic Structures	Department of Mathematics, St. Xavier's College, Palayamkottai	11 <sup>th</sup> & 12 <sup>th</sup> September 2024

#### **COUNTRIES VISITED**


#### **EXTRA-CURRICULAR ACTIVITIES/ CO-CURRICULAR ACTIVITIES ATTENDED(NCC/NSS/YRC/SPORTS/LITERARY AND CULTURAL ACTIVITIES)**


**Date: 20.07.2025**

**Name: S. SAHAYARAJJOSEPH NIRMALKUMAR**