

# RESUME



**Name: Dr. S. Kanagasankari MCA., M. Phil., Ph. D.**

**Designation: Assistant Professor**

**Department: Computer Science (Shift-II)**

**Address: St. Xavier's College (Autonomous), Palayamkottai, Tirunelveli-627002**

## PERSONAL DETAILS

Date of Birth : 07-06-1975

Qualification : MCA., M. Phil., Ph. D.

Designation : Assistant Professor

Department : Computer Science

Community : OC

Religion : Hindu

Nationality : Indian

Mobile : 9443563096/9361768154

Email ID : [kanagasankari1975@gmail.com](mailto:kanagasankari1975@gmail.com)

## ACADEMIC QUALIFICATIONS

Degree	Specialization	College	University	Year of Passing
B. Sc	Physics	Sri Paramakalyani College, Alwarkurichi-627412.	Manonmaniam Sundaranar University	1996

PGDCA			Manonmaniam Sundaranar University	2000
MCA	Computer Applications		Manonmaniam Sundaranar University	2003
M. Phil	Image Processing	Manonmaniam Sundaranar University, Tirunelveli-12	Manonmaniam Sundaranar University, Tirunelveli-12.	2008
Ph. D. (Full-Time)	Blockchain Technology	Sri Sarada College for Women (Autonomous), Tirunelveli-11	Manonmaniam Sundaranar University, Tirunelveli-12.	2024

### ACADEMIC IDENTITY

*VIDWAN ID	<a href="https://vidwan.inflibnet.ac.in/profile/422498">https://vidwan.inflibnet.ac.in/profile/422498</a>
*ORCID ID	0000-0003-3492-5186
*SCOPUS ID	
*RESEARCHER ID/ PUBLONS ID	NRB-9255-2025
GOOGLE SCHOLAR LINK	<a href="https://scholar.google.com/citations?hl=en&amp;user=msJ7InEAAA">https://scholar.google.com/citations?hl=en&amp;user=msJ7InEAAA</a>

### TEACHING EXPERIENCE

<b>Date of Appointment</b>	16-06-2025
<b>Date of Retirement</b>	30-06-2035
<b>Teaching Experience</b>	UG 13 Years 6 Months
	PG 5 Years
	M. Phil - nil
<b>Research</b>	Guided M Phil: Guided Ph D: Guiding Ph Scholar:

COURSES/CLASSES TAUGHT	NAME OF THE INSTITUTIONS	DURATION		Years
		From	To	
<b>B. Sc Information Technology</b> (Programming in C, Object Oriented Analysis Using C++, Data Structures, Digital Principles and its Applications, Java Programming, Programming in PHP, Visual Basic Programming,	Sri Sarada College for Women (Autonomous), Tirunelveli-627011.	26-07-2007	07-01-2021	12 Years 1 Month

Principles of Information Technology Relational Database Management System, Operating Systems, Data Communication Network, Software Engineering, Multimedia )				
<b>B.Sc &amp; M. Sc Computer Science</b> (Data mining, Programming in PHP, Advanced Software Engineering, Python Programming, Digital Image Processing, Cloud Computing)	Sri Sarada College for Women (Autonomous), Tirunelveli- 627011.	04-12-2023	30-04-2025	1 Year 4 Months
<b>B. Sc &amp; M. Sc Computer Science</b> (PHP and MYSQL, Life Issues and Coping Skill Development, Python Programming, Deep Learning, Network Security)	St. Xavier's College (Autonomous), Palayamkottai- 627002	16-06-25	till date	

### AWARDS RECEIVED

1.	Received Best Paper Presenter Award (March 2022)- International Conference on Advance Science in Engineering (ICASE 2022)
2.	Received Outstanding Research Paper (October 2023)- Indian Journal of Natural Sciences Copyright©2023 Tamil Nadu Scientific Research Organisation- Web of Science
3.	Certificate of Excellence in Reviewing (July 2025)- Journal of Pharmaceutical Research International- Certificate ID: PRJPRI139416KAN

### ADMINISTRATIVE EXPERIENCE

S. No	DESIGNATION	INSTITUTIONS	YEAR
1	NSS Program Officer (Unit No-24 & 25)	Sri Sarada College for Women (A), Tirunelveli-11.	14-08-2015 & 20-07-2016 [Unit No:24] 13-12-2017 & 30-04-2020 [Unit No:25]
2	UBA Coordinator	Sri Sarada College for Women (A), Tirunelveli-11.	2019-2020

### MEMBERSHIP

S. No	Designation	Particulars
1.		

<b>ORIENTATION / REFRESHER COURSES / FACULTY DEVELOPMENT PROGRAMME UNDERGONE (UGC / HRDC / TLC-PMMNMT ONLY)</b>			
<b>S. No</b>	<b>Name of the Training</b>	<b>Name of the Sponsoring Agency</b>	<b>Place and Date</b>
1	Five Days FDP on “Java Business Applications”	Sathyabama Institute of Science and Technology, Chennai Association with IIT Bombay Spoken Tutorial –Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMNMTT)	04-05-2020 To 08-05-2020

<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	Two Week Online Refresher Course on “Recent Trends in Information, Computing, Communication and Teaching Methodology Competency”	Sri Sairam Engineering College, Chennai-44	04-05-2020 To 17-05-2020
2	Two Days online Faculty Development Programme on “Project Proposals for Funding Agencies (UGC STRIDE & ICSSR IMPRESS): Preparation and Submission Protocols”	Patrician College of Arts and Science, Chennai-20	16-05-2020 To 18-05-2020
3	One Week FDP on “Machine Learning Algorithms, Applications & Advantages”	Kamala Institute of Technology & Science, Singapur	25-05-2020 To 30-05-2020
4	Five Days FDP on “Recent Trends in Digital Technologies”	The American College, Madurai	07-07-2020 to 11-07-2020
5	Three Days FDP on “Angular Framework”	Loyola Institute of Technology, Madurai	14-07-2020 To 17-07-2020
6	Six Days Skill Development Programme on “Trends in IT Infrastructure and applications”	Sathyabama Institute of Science and Technology	28-07-2020 To 02-08-2020
7	One Week Online FDP on “Ethical Hacking and Data Security”	Mahatma Gandhi Institute of Technology , Telangana	27-07-2020 To 31-07-2020
8	12 Hours FDP on “Flutter UI Design”	ICT	23-11-2020 To 30-11-2020

9	National Level online FDP on “ICT tools for E-Content Development”	Women’s Christian College, Chennai	26-05-2020 To 29-05-2020
10	Five Days Faculty Development Program on “ Block Chain Technology -Applications, Issues and Challenges”	Sri Venkateswara College of Engineering And Technology (Autonomous) R.V.S Nagar, Chittoor.	18-04-2022 To 22-04-2022
11	Five Days FDP on Recent Trends in Data Science	Bon Secours College for Women, Thanjavur-613006	11-09-2023 To 15-09-2023
12	Three Days Orientation Program- Nurturing Minds, Igniting Hearts: “An orientation towards Ignition Pedagogy, Holistic Well-being and Outcome- Based Learning”	St. Xavier’s College (Autonomous), Palayamkottai-627002	11-06-2025 To 13-06-2025

DETAILS OF RESEARCH WORK		
Research Stages	Title of the Thesis	University where the work was carried out
Awarded Ph. D.	An Efficient Access Control Model for Electronic Healthcare Records Using Blockchain Consensus Protocols	Manonmainam Sundaranar University, Tirunelveli-627012

AREAS OF RESEARCH
BLOCKCHAIN TECHNOLOGY

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	3	1	1
OTHER INDEXED	AS A RESOURCE PERSON	PAPERS PRESENTED IN NATIONAL AND	WEBINARS, SEMINARS,	

		<b>INTERNATIONAL SEMINARS</b>	<b>WORKSHOPS ATTENDED</b>	
-	-	2-National 8-International	<b>20</b>	

#### **PUBLICATIONS: BOOKS ()**

<b>S. No</b>	<b>Title of the Book</b>	<b>Publication</b>	<b>Year</b>

#### **BOOK CHAPTERS (1)**

<b>S. No</b>	<b>Title of the Paper</b>	<b>Name of the Book</b>	<b>ISSN No., Pg.No</b>
1	IOT Blockchain-Enabled Security Framework for Vaccine Distribution Systems	Advancements in Computer Science: Bridging AI, Networking, and Emerging Technologies	Aarambh Quill Publications, Puducherry-605009 <b>ISBN: 978-81-984820-1-3</b> May 2025

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

<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>
1	Big Data Analytics in Health Care System	<b>SCOPUS</b> -International Journal of Computer Sciences and Engineering	Vol.07, Special Issue.08, pp.151-153, ISSN978-81-933821-7-2 April-2019
2	A comparative analysis of consensus algorithms in the healthcare sector using Blockchain Technology	<b>SCOPUS</b> -International Journal of Health Sciences	ISSN:2550-6978 E-ISSN:2550-696X ISSUE: 6(S1), Impact Factor: 2.96 PP:11702-11716, Year: May 2022.
3	MOD-ECDSA-BH Cryptography: A Suitable Solution for Secure Data Management in Blockchain-based Healthcare Sector	<b>WEB OF SCIENCE</b> -Indian Journal of Natural Sciences <b>Copyright©2023 Tamil Nadu Scientific Research Organisation</b>	ISSN:0976-0997, Issue: 80, Vol:14, PP:62090-62103, Impact Factor: 2.452 Year: October 2023.
4	An Efficient Byzantine Consensus Mechanism Based on Healthcare Sector In Blockchain	<b>SCI-JOURNAL</b> Multimedia Tools and Applications	ISSN:13807501, Issue:28, Vol:82, Impact Factor:3.4, Year: November 2023

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

<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>
1	Strengthening Patient E-Data Security and Privacy with Hyperledger Fabric Framework: A Blockchain-Based Approach for Healthcare Industry	<b>UGC-Care List-I</b> Rabindra Bharati Journal of Philosophy	ISSN:0973-0087 Vol:XXV, No.:4(April), PP: 50-57, Impact Factor:4.7, Year: April 2023

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

<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>

**AS A RESOURCE PERSON ( )**

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

**WEBINARS/SEMINARS/ CONFERENCES / SYMPOSIA / WORKSHOP  
 PAPER PRESENTED: National ( ) International (10)**

S. No	Name of the Event	Name of the Sponsoring Agency	Place and Date
1	Two Days NAAC Sponsored National Conference on Issues Innovative and Initiatives towards Vital Viable and Value bound quality Education <b>ISBN:978-81-933821-6-5</b>	NAAC Sponsored	Sri Sarada College for Women (A), Tirunelveli-627011, 06-02-2019& 07-02-2019
2	International Conference on Recent Trends in Advanced Computing and its Application(ICRTACA) <b>ISSN: 978-81-933821-7-2</b>	Sri Sarada College for Women (A), Tirunelveli-627011,	23-02-2019
3	National Conference on Gandhian Principles & Practices <b>ISBN 978-81-933821-8-9</b>	Sri Sarada College for Women (A), Tirunelveli-627011,	28-02-2019
4	International Conference on Recent Trends in Computing and Information Technology (RTCIT 22) <b>ISBN:979-8-88525-143-3</b>	Sarah Tucker College (Autonomous), Tirunelveli-627007	11-02-2022& 12-02-2022
5	International Conference on Advance Science in Engineering (ICASE 2022) <b>E-ISBN:9789391553401</b> <b>(Got Best Presenter Award)</b>	A.P.C Mahalakshmi College for Women, Thoothukudi-628002	24-03-2022& 25-03-2022
6	2 <sup>nd</sup> InternationalE-Conference on Recent Developments in Science, Engineering and Information Technology (ICRDSEIT-2022) <b>ISBN:978-93-91077-77-8</b>	Madurai Kamaraj University, Madurai-625021	10-05-2022& 12-05-2022
7	The 1 <sup>st</sup> International Conference on Innovative and Cutting Edge Technologies in Electrical, Electronics, Computer Engineering and Information Technology(ICICEECI'22) <b>ISBN:9 789357 801997</b>	Mailam Engineering College, Villupuram-604304	14-12-2022& 15-12-2022
8	International Conference on Wireless and Mobile Network Security <b>ISBN:978-81-960484-2-6</b>	Sri Sarada College for Women (A), Tirunelveli-627011,	13-03-2023
9	International Multidisciplinary Conference on Innovation in Research (IMCIR-2023) <b>ISBN:978-93-95341-56-1</b>	A.P.C Mahalakshmi College for Women, Thoothukudi-628002	01-04-2023
10	4 <sup>th</sup> International Conference on Artificial Intelligence Trending Towards Automation 4.0 <b>ISBN:978-1-7393132-9-6</b>	Vivekanandha College of Arts and Science for Women (Autonomous), Elayapalayam, NamakalDistrict-637205	11-04-2023& 12-04-2023

**WEBMINARS/SEMINARS/ CONFERENCES / SYMPOSIA / WORKSHOP  
 ATTENDED: (20)**

S. No	Name of the Event	Name of the Sponsoring Agency	Place and Date
1	International Workshop on profiling Research Publications for Quality Research	Sri Sarada College for Women, Tirunelveli-11.	Sri Sarada College for Women, Tirunelveli-11. 01-02-2012
2	State Level Seminar - Research issues in Image processing and Neural Networks and Genetic Algorithms.	Sri Sarada College for Women, Tirunelveli-11.	Sri Sarada College for Women, Tirunelveli-11. October-2010
3	National Symposium on Understanding the role of Citation, Impact factors and Copyright in Research Publications	Sri Sarada College for Women, Tirunelveli-11.	Sri Sarada College for Women, Tirunelveli-11. 14-02-2014
4	International Conference on Advanced Computing	Sri Sarada College for Women, Tirunelveli-11.	Sri Sarada College for Women, Tirunelveli-11. 21-01-2014
5	One Day State Level Workshop on MATLAB	Sri Sarada College for Women, Tirunelveli -11.	Sri Sarada College for Women, Tirunelveli -11. 13-08-2014
6	International Training workshop on Increasing the Scholarly Impact and Research output	Sri Sarada College for Women, Tirunelveli -11.	Sri Sarada College for Women, Tirunelveli -11. 02-03-2015
7	NAAC Sponsored National Conference on state of the art methodology to enhance Teaching, Learning and Evaluation process.	NAAC	Sri Sarada College for Women, Tirunelveli -11. 27-08-2015
8	Two Days National seminar on Research Avenues in multimodal Biometric Authentication	DST	Sri Sarada College for Women, Tirunelveli-11 24-07-2015 & 25-07-2015
9	National seminar on Mitigation of Climate Change	Sri Sarada College for Women, Tirunelveli -11.	Sri Sarada College for Women, Tirunelveli -11. 15-09-2015
10	National Conference on Women Empowerment	Sri Sarada College for Women, Tirunelveli -11.	Sri Sarada College for Women, Tirunelveli -11. 10-02-2016
11	One day Professors conference on Gandhian Thought- Religious Philosophy of Gandhi: Today's Relevance	Rajapalayam Raju's College, Rajapalayam-626117	Sri Sarada College for Women (A), Tirunelveli -11. August 2018
12	Second International Conference on Advanced Computing .ICAC – 2016	Sri Sarada College for Women (A), Tirunelveli -11.	Sri Sarada College for Women (A), Tirunelveli -11. 23-02-2016
13	Two Days NAAC Sponsored National Conference on Issues Innovative and Initiatives towards Vital Viable and Value bound quality Education	Sri Sarada College for Women (A), Tirunelveli-11.	Sri Sarada College for Women (A), Tirunelveli-11. 14-03-2017
14	One day State Level Workshop on " Data Science and Big Data Analytics "	Sri Sarada College for Women (A), Tirunelveli-11	Sri Sarada College for Women (A), Tirunelveli -11. 20-12-2017
15	Seven days Orientation camp for NSS PO	Empanelled Training Institution –NSSAvinasilingam University, Coimbatore-641043	Sri Sarada College for Women (A), Tirunelveli-11. 04-01-2018 & 10-01-2018
16	One day State Level Seminar on Green Innovative Practices for Green Campus and Green Audit	Sri Sarada College for Women (A), Tirunelveli-11.	Sri Sarada College for Women (A), Tirunelveli -11. 04-01-2019
17	One day International Conference on Recent Trends in Advanced Computing and its Application(ICRTACA)	Sri Sarada College for Women (A), Tirunelveli-11.	Sri Sarada College for Women(A), Tirunelveli-11. 23-02-2019
18	One day State Level Workshop on Women in Science and Research	V.O.Chidambaram College, Thoothukudi-628008	Sri Sarada College for Women (A), Tirunelveli -11. 27-07-2019 &28-07-2019



19	One day National Conference on Gandhian Principles & Practices Sesquicentennial Mahatma Gandhi Jayanthi Celebration Kasturba Gandhi Diamond Jubilee Memorial Year	Sri Sarada College for Women (A), Tirunelveli-11.	Sri Sarada College for Women (A), Tirunelveli-11.
20	Three days ICT Enabled Faculty Development Programme on Introduction to Python Programming	National Engineering College,Kovilpatti-628503	Sri Sarada College for Women (A), Tirunelveli-11. 01-08-19 & 03-08-19

Reviewer Recognition				
S. No	Title of the Certificate	Awarded by	Details	Link
1	Certificate of Excellence in Reviewing	Journal of Pharmaceutical Research International	Recognized for outstanding contribution to the quality of the journal as a peer reviewer. Certificate ID: PRJPRI139416KAN	Validation: <a href="https://reviewer.reviewerhub.org">https://reviewer.reviewerhub.org</a> Username: <a href="mailto:kanagasankari1975@gmail.com">kanagasankari1975@gmail.com</a> Password: h5I2zIgSZVC4

COUNTRIES VISITED			

EXTRA-CURRICULAR ACTIVITIES/ CO-CURRICULAR ACTIVITIES ATTENDED(NCC/NSS/YRC/SPORTS/LITERARY AND CULTURAL ACTIVITIES)	
Served as a NSS Program Officer in the year 2016 to 2017, 2018 to 2020 (Unit No:24 & 25)	
Coordinator of Unnat Bharat Abhiyan 2019-2020.	
Received Appreciation Certificate of Regular Voluntary Blood Donation Camp Organizer -District Collector Smt.Shilpa Prabhar Sathish on 09-11-2018.	
Received Wall Painting Competition Team with District Collector Sandeep Nanduri on 18-02-2018	

**Date: 02-07-25**

**Name: Dr. S. Kanagasankari**