RESUME

Name	**: Dr.S.SARASWATHI**
Designation	**: Assistant Professor & Head**
Department	**: Computer Applications**
Address	**: St. Xavier's College (Autonomous)**
	Palayamkottai

PERSONAL DETAILS

Date of Birth	:	28/04/1976
Qualification	:	MCA, M.Phil., Ph.D
Designation	:	Assistant Professor
Department	:	Computer Applications
Community	:	FC
Religion	:	Hindu
Nationality	:	Indian
Mobile	:	9940770883
Email ID	:	sararavi2001@gmail.com

ACADEMIC QUALIFICATIONS

Degree	Specialization	College	University	Year of Passing
B.Sc	Chemistry	Sri Sarada College for Women, Tirunelveli	Manonmaniam Sundaranar University, Tirunelveli.	Apr, 1996
MCA	Computer Applications	Sri Sarada College for Women, Tirunelveli	Manonmaniam Sundaranar University, Tirunelveli.	Apr, 1999
M.Phil	Computer Science	-	Manonmaniam Sundaranar University, Tirunelveli.	May, 2007
Ph.D	Computer Science	-	Bharathiar University, Coimbatore.	Feb, 2020

ACADEMIC IDENTITY

*VIDWAN ID	**286941**
*ORCID ID	**0000-0001-6594-9442**
*SCOPUS ID	
*RESEARCHER ID/ PUBLONS ID	Sararavi2001@gmail.com
GOOGLE SCHOLAR LINK	https://scholar.google.com/citations?hl=en&user=J8WUtf0AAAAJ

TEACHING EXPERIENCE

Date of Appointment	28/08/2005
Date of Retirement	28/04/2034
Teaching Experience	UG - 17
	PG - 20

	M.Phil. -
Research	Guided M Phil: - Guided Ph D: - Guiding Ph Scholar: -

COURSES/CLASSES TAUGHT	NAME OF THE INSTITUTIONS	DURATION		
		From	To	Years
MSIT	M.D.T Hindu College, Tirunelveli	2000	2003	3
MCA	St. Xavier's College (Autonomous), Palayamkottai	2005	Till Date	17
BCA	St. Xavier's College (Autonomous), Palayamkottai	2019	Till Date	3

ADMINISTRATIVE EXPERIENCE			
S. No	DESIGNATION	INSTITUTIONS	YEAR
1	NSS Program Officer	St. Xavier's College (Autonomous), Palayamkottai	2015 - 2018
2	Head of the Department of Computer Applications	St. Xavier's College (Autonomous), Palayamkottai	2020 - Till date

AWARDS RECEIVED			
S. No	NAME OF THE AWARD	AWARDING INSTITUTION	YEAR
1.	Best Contact Staff Award for STAND	St. Xavier's College (Autonomous), Palayamkottai	**2019**

ORIENTATION / REFRESHER COURSES / FACULTY DEVELOPMENT PROGRAMME UNDERGONE ( )			
S. No	Name of the Training	Name of the Sponsoring Agency	Place and Date
1	NSS Orientation Training	Avinashilingam University, Coimbatore.	20-09-2016 To

			26-09-2016
2	FDP on "Project Proposals for Funding Agencies: Preparation & Submission Protocol"	Research Commitee, Patrician College of Arts & Science, Chennai	16-05-2020 & 17-05- 2020
3	Faculty Development Programme on "Web Application Security"	Department of Information Technology, Jeppiaar Institute of Technology, Sriperumpudur	27-05-2020 & 28-05- 2020
4	FDP on "Virtual Teaching – Learning MOODLE the Efficient Way""	Faculty of Humanities and Science, Dr.M.G.R Educational and Research Institute, Chennai	29-05-2020 & 30-05-2020
5	Faculty Development Programme on "Research Methodology"	IQAC, Jeppiaar Institute of Technology, Sriperumpudur	01-06-2020 & 02-06- 2020
6	Orientation Programme for "Faculty in Universities/Colleges/Institutes of Higher Education"	Teaching Learning Centre, Ramanujan College, University of Delhi	20-06-2022 to 19-07-20222
7	Orientation Programme for Teachers	IQAC, St. Xavier's College, Palayamkottai	Online, 15-07-2022 & 16-07-2022

DETAILS OF RESEARCH WORK		
Research Stages	**Title of the Thesis**	**University where the work was carried out**
Ph.D	Detection Of Lung Cancer in CT Images and Classification Of Pulmonary Nodules Using an Efficient Three Dimensional Texture Feature and Machine Learning Algorithms	Bharathiar University, Coimbatore

AREAS OF RESEARCH
IMAGE PROCESSING

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

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**

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	Detection of Juxtapleural Nodules in Lung Cancer Cases Using an Optimal	Asian Pacific Journal of Cancer Prevention	11th Issue, Vol. No. 18 Page Nos. 3143-3148

	Critical Point Selection Algorithm		

PUBLICATIONS: UGC LISTED JOURNALS ()			
S. No	**Title of the Paper**	**Name of the Journal**	**ISSN No., Volume, Issue, Impact factor & Pg. No**

PUBLICATIONS: OTHER INDEXED JOURNALS ()			
S. No	**Title of the Paper**	**Name of the Journal**	**ISSN No., Volume, Issue, Impact factor &Pg.No**
1	Lung Image Segmentation Using KMeans Clustering Algorithm With Novel Distance Metric	International Journal of Recent Trends in Engineering & Research (IJRTER)	ISSN: 2455- 1457, Vol 02, Issue 12, Page Nos. 237 - 245
2	A Comparative Study of Various Clustering Algorithms in Data Mining	International Journal of Computer Science and Mobile Computing (IJCSMC)	ISSN 2320–088X, Vol.03, Issue. 11, Page Nos.422 – 428

AS A RESOURCE PERSON (26)			
S. No	**Name of the Event**	**Name of the Sponsoring Agency**	**Place and Date**
1	A PROFESSIONAL PATHWAY FOR A RESEARCHER IN THE USE OF DIGITAL TOOL TO PROMOTE HIGH QUALITY IN RESEARCH	Department of Computer Science and Engineering, St. Joseph's College of Engineering, Chennai	10.07.2020 & 11.07.2020

WEBMINARS/SEMINARS/ CONFERENCES / SYMPOSIA / WORKSHOP PAPER PRESENTED: National () International ()			
S. No	**Name of the Event**	**Name of the Sponsoring Agency**	**Place and Date**
1	International Conference on Advanced Computing	Sri Sarada College for Women, Tirunelveli	17/06/2016
2	National Conference on Big Data and Cloud Computing	Theivannai ammal college for Women", Villupuram.	20/2/2015 & 21/02/2015
3	International Conference on Social Media for Service Sector	Fatima College, Madurai	20/08/2014 & 21/08/2014

WEBMINARS/SEMINARS/ CONFERENCES / SYMPOSIA / WORKSHOP ATTENDED:			
S. No	**Name of the Event**	**Name of the Sponsoring Agency**	**Place and Date**
1	Hands on FDP : Data Science Using Python	Department of Information Technology, Jeppiaar Institute of Technology, Sriperumpudur	18-05-2020 to 22-05-2020
2	Webinar on "ML for Health Care Application"	Sreyas Institute of Engineering & Technology, Telangana	21-05-2020
3	Webinar on "Object Tracking Using ML & Python"	C.Abdul Hakeem College of Engineering & Technology, Vellore	23-05-2020
4	Two days Workshop on "Understanding OBS Studio & Streamyard for E-Content Creation and Live Streaming"	Faculty of Humanities and Science, Dr.M.G.R Educational and Research Institute, Chennai	10-07-2020 & 11-07-2020
5	Workshop on "Resources for Research, Journal Selection and Research Productivity"	PROVIDENCE WOMEN'S COLLEGE, KOZHIKODE, KERALA	18-12-2021 to 23-12-2021

6	Workshop on Open Source Computing, Multimedia and Open Access Publishing Tools	ASSUMPTION COLLEGE (AUTONOMOUS) CHANGANACHERRY	06-09-2021 to 23-09-2021

COUNTRIES VISITED			

EXTRA-CURRICULAR ACTIVITIES/ CO-CURRICULAR ACTIVITIES ATTENDED(NCC/NSS/YRC/SPORTS/LITERARY AND CULTURAL ACTIVITIES)
NSS Program Officer from 2015 to 2018
1. Attended 7 days NSS Camp in Maruthakulam (12-02-2017 to 18-02-2017)
2. Attended 7 days NSS Camp in Alangulam (19-02-2018 to 25-02-2018)

Date: 22/08/22   **Name: S.SARASWATHI**