

RESUME



Name: DR. E. SAHAYA CHITHRA
Designation: Assistant Professor
Department: Artificial Intelligence
Address St. Xavier's College (Autonomous), Palayamkottai

PERSONAL DETAILS

Date of Birth : 10-05-1976
Qualification : MCA, MPhil, Ph.D.
Designation : Assistant Professor
Department : Artificial Intelligence
Community : MBC
Religion : RC Christian
Nationality : Indian
Mobile : 8072154717
Email ID : surechithra@gmail.com

ACADEMIC QUALIFICATIONS

Degree	Specialization	College	University	Year of Passing
PhD [FULL TIME]	Computer Applications	St. Xavier's College (Autonomous), Palayamkottai	Manonmaniam Sundaranar university	2023
M Phil	Computer science	Kamraj College, Tuticorin	Manonmaniam Sundaranar university	2007
MCA	Computer Applications		IGNOU, New Delhi	2004
BSc	Physics	St. Marys College	Manonmaniam Sundaranar university	1996

ACADEMIC IDENTITY

*VIDWAN ID	542471
*ORCID ID	0000-0002-5725-4314
*SCOPUS ID	
*RESEARCHER ID/ PUBLONS ID	https://researchid.co/rid85051
GOOGLE SCHOLAR LINK	https://scholar.google.com/citations?user=IxXBCQcAAAAJ

TEACHING EXPERIENCE

Date of Appointment	19-06-2024
Date of Retirement	
Teaching Experience	UG 7 years
	PG 7 years
	M.Phil. 1 year
Research	Guided M Phil: Guided Ph D: Guiding Ph Scholar:

COURSES/CLASSES TAUGHT	NAME OF THE INSTITUTIONS	DURATION		Years
		From	To	
MPhil (Research Methodology, Data Structures)	St Xavier's College (Autonomous), Palayamkottai	2016	2017	1 year
B.Sc Computer Science (Data Structures, RDBMS, C,C++,Java, Dot Net, OPERATING SYSTEM)	Wavoo Wajeetha Women's college of Arts and Science	2011	2012	6 months
B.Sc Computer Science (Data Structures, RDBMS, C,C++,Java, Dot Net, Operation Research, HTML, Computer Architecture, Discrete Mathematics. Computer Graphics, SOFTWARE ENGINEERING)	St Xavier's College (Autonomous), Palayamkottai	2014	2018	4 years
MSc Computer Science (Advanced Data Structures, PHP, ASP.Net, J2EE)	St Xavier's College (Autonomous), Palayamkottai	2014	2018	4 years
M.Sc Information Technology (PHP, ASP.NET, Operating System)	St Xavier's College (Autonomous), Palayamkottai	2014	2018	4 years
BCom Occasional (Wed Design, HTML, ORACLE, VB.NET, C++, DTP, FLASH and 3Ds MAX)	St Xavier's College (Autonomous), Palayamkottai	2012	2014	2 years
BCom (Java, DTP, VB.NET, HTML, Web Designing, Business Maths)	St Xavier's College (Autonomous), Palayamkottai	2023	2024	1 year
BSC (Artificial Intelligence) [C++, POWER BI]	St Xavier's College (Autonomous), Palayamkottai	2024	TILL DATE	
MSC (DATA SCIENCE) [Fundamentals of DATA SCIENCE, Health Analytics, PYTHON FOR DATA SCIENCE)	St Xavier's College (Autonomous), Palayamkottai	2024	TILL DATE	

AWARDS RECEIVED	
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ADMINISTRATIVE EXPERIENCE			
S. No	DESIGNATION	INSTITUTIONS	YEAR
1	Senior programmer	CMTES INFORMATICS LTD., TUTICORIN	2007-2011

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

ORIENTATION / REFRESHER COURSES / FACULTY DEVELOPMENT PROGRAMME UNDERGONE ()			
S. No	Name of the Training	Name of the Sponsoring Agency	Place and Date
1.	One day International FDP on” AI Tools for Teaching”	Star foundation for Research and Education	22-06-2024
2.	2 days Orientation program for newly recruited staff members	St. Xaviers College Palayamkottai	29-06-2024 to 06-07-2024

3.	4 days Induction program for newly recruited staff members	Sacred Heart College, Shenbaganur, Kodaikanal.	02-05-2024 to 05-05-2024
4.	5 days online FDP on " AI insights: ML, DL and NLP " 	Spoorthy Engineering College	14-05-2024 to 18-05-2024
5.	Virtual FDP on " Intellectual Property Rights and Patents" 	Dr. MGR Educational and research Institute	20-05-2024 to 24-05-2014
6.	International FDP on EMERGING TECHNOLOGIES IN COMPUTER TECHNOLOGY	Eswari Engineering College, Chennai from	22.01.2024 to 27.01.2024.
7.	Online FDP " TEACHER-STUDENT RELATIONSHIP and MENTORING SYSTEM" 	IQAC, St. Xavier's College, Palayamkottai	04-12-2023.
8.	Faculty Empowerment Workshop on " E-CONTENT PREPARATION & ICT – TOOLS" 	St. Xavier's College, Palayamkottai	19-09-23, 26-09-23. 03-10-23,10-10-23 and 16-10-23.
9.	5 days FDP on "EMERGING TRENDS IN DATA ANALYTICS AND MACHINE LEARNING	conducted by Karunya Deemed University	18-09-2023 to 22-09-2023.
10.	One-week National level online FDP on "CLOUD INFRASTRUCTURE (AWS)"	Vardhaman College of Engineering (autonomous), Telangana	21.08.2023 to 25.08.2023
11.	FACULTY EMPOWERMENT PROGRAMME	St. Xavier's College, Palayamkottai	22-07-2023
12.	15 days of International FDP on "DATA SCIENCE TOOLS" 	Easwari Engineering College, Ramapuram, Chennai	07-10- 2022 to 20-10-2022
13.	One week Online International FDP on " CURRENT TRENDS IN INFORMATION TECHNOLOGY	MEASI Institute of Information Technology	26.09.2022 to 30.09.2022
14.	One day National Level Faculty Development Programme on " Professional Guidance on Writing Research Articles and Applying for Funded Projects" 	SARAH TUCKER COLLEGE (Autonomous), Tirunelveli	7/6/2021.
15.	5-Days Online FDP on " ESSENTIAL SKILLS AND TECHNOLOGIES FOR QUALITY RESEARCH" 	P.E.S College of Engineering, Mandiya, Karnataka	30.03.2021 to 03.04.2021
16.	5 Days International Online " MIND BUZZ ON PC" 	Idhaya College for Women, Kumbakonam	22-06-2020 TO 26-06-2020
17.	ONE WEEK FDP on "R "	Chouksey Engineering College, IIT Bombay. funded by the National Mission on	15-06-2020 TO 21-06-2020

		Education through ICT, MHRD, Govt. of India	
18.	online Faculty Development Programme on “Challenges for College Teachers in the new Educational Scenario”	MARY MADHA COLLEGE OF ARTS AND SCIENCE, PERIYAKULAM	06-06-2020
19.	One Week Faculty Development Programme on “ICT BASED TOOLS AND ITS APPLICATIONS IN TEACHING LEARNING PROCESS”	Beldar Samaj Vikas Samiti’s EDUCATIONAL LEARNING CENTRE, NAGPUR	27-05-2020 to 02-06-2020
20.	One Day FDP On “PROGRAMMING THE MIND WITH CREATIVE VISUALIZATION”	MARY MADHA COLLEGE OF ARTS AND SCIENCE, PERIYAKULAM	05-06-2020
21.	Ten Days Online FDP on “ PYTHON PROGRAMMING AND MACHINE LEARNING TECHNIQUES”	K.S.R College of Engineering (An Autonomous Institution, Tiruchengode – 637 215	18.05.2020 to 22.05.2020 and 25.05.2020 to 29.05.2020.
22.	5 day Online National FDP on “INTRODUCTION TO ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING”	GEETHANJALI COLLEGE OF ENGINEERING AND TECHNOLOGY	22-05-2020 to 26-05-2020.
23.	5 day Online National FDP on “Artificial Intelligence”	Anil Neerukonda Institute of Technology & Sciences in collaboration with BrainOVision & National Youth Council of India	22-05-2020 to 26-05-2020.
24.	Online FDP Course on “ Recent Applications of Mathematics in Engineering”	Karunya Institute of Technology and Sciences	18.5.2020 to 22.05.2020
25.	One week FDP on “NAAC Awareness Programme for Faculty”	Marathwada Mitra Mandal Institute of Technology (MMIT), Lohgaon, Pune	08/05/2020 to 14/05/2020.
26.	IQAC Sponsored Orientation programme for Teachers on “INNOVATIVE TEACHING STRATEGIES FOR STUDENT-CENTERED EDUCATION”	St. Xavier’s College, Palayamkottai	05-07-2014.
27.	One day orientation on “ORIENTATION PROGRAMME FOR TEACHERS”	IQAC , St. Xavier’s College, Palayamkottai	21-01-2014.
28.	UGC Sponsored “FACULTY WORKSHOP ON COMPETENCE BUILDING”	St. Xavier’s College, Palayamkottai	15-03-2013 & 16- 03-2013.

DETAILS OF RESEARCH WORK

Research Stages	Title of the Thesis	University where the work was carried out
Three Stages	Domain Specific Research Article Recommendation model using Deep Learning and Cumulative Approach	MANONMANIAM SUNDARANAR UNIVERSITY

AREAS OF RESEARCH

NLP
MACHINE LEARNING
DEEP LEARNING

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
OTHER INDEXED	AS A RESOURCE PERSON	PAPERS PRESENTED IN NATIONAL AND INTERNATIONAL SEMINARS	WEBINARS, SEMINARS, WORKSHOPS ATTENDED	

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	“Domain Classification of Biomedical Research Articles based on BiLSTM for Recommendation System,	Annals of Romanian Society of Cell Biology(Scopus Indexed),	ISSN:1583-6258, Vol. 25, Issue 4, Pages. 12844 – 12851, April 2021.

PUBLICATIONS: UGC LISTED JOURNALS ()			
S. No	Title of the Paper	Name of the Journal	ISSN No., Volume, Issue, Impact factor & Pg. No
1.	Deep Learning In Personalized Recommendation System – A Comparative Study	Studies in Indian Place Names (UGC Care Journal)	ISSN: 2394-3114 Vol-40-Issue -70, Pg. 3278-3283, March -2020.

PUBLICATIONS: OTHER INDEXED JOURNALS ()

S. No	Title of the Paper	Name of the Journal	ISSN No., Volume, Issue, Impact factor &Pg.No
1.	Solving The Challenges In Digital Marketing Sites’ Through Personalized Recommendations”	Xavierian Journal of Marketing	ISSN : 2278-6562, Vol 20, Pages 38 – 47, Apr 2024.
2.	A Literature Review and Classification of Semantic Web Approaches for Web Personalization Research” ,	International Research Journal of Engineering and Technology (IRJET)	ISSN:2395-0056, Volume: 06,Issue: 10 ,Pg 307-312 Oct 2019.
3.	Data Integrity Protection in Cloud Computing” ,	International Journal of Advanced Research in Basic Engineering, Science and Technology (IJRBEST)	ISSN:2456-5717, Volume: 04, Issue: 11, Nov 2018.

AS A RESOURCE PERSON (26)

S. No	Name of the Event	Name of the Sponsoring Agency	Place and Date
1	Certificate Course on “ Artificial Intelligence ”	Great Minds College of Higher Education, SRILANKA	SRILANKA 13-07-2024 19-07-2024 20-07-2024
2	Guest lecture on “ FIGMA- UX/UI Insights ”	HolyCross Home Science College	TUTICORIN. 08-02-2024

WEBMINARS/SEMINARS/ CONFERENCES / SYMPOSIA / WORKSHOP

PAPER PRESENTED: National () International ()

S. No	Name of the Event	Name of the Sponsoring Agency	Place and Date
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1.	A Study On Biomedical Research Articles Relevance Recommendation System By Using Rocchio Algorithm ”, National Conference on Innovations in Science, Engineering and Technology,	Jayaraj Annapackiam CSI College Of Engineering, Nazareth,	Volume: III, ISBN: 978-93-94293-01-4, Page no. 45,2022.
2.	Utilizing Latent Semantic Features of Articles for Research Paper Recommendation System ”, International Conference on Recent Trends in Multi-Disciplinary Research,	A.P.C. Mahalaxmi College for Women, Thoothukudi,	ISBN: 978-81-944509-3-1, Volume: III, Page no. 31,2021.
3.	A Study of Negative Impact Of Social Networking Sites on Youth ”, ICSSR,.	St. Xaviers College (Autonomous), Palayamkottai.	Feb 2014

WEBMINARS/SEMINARS/ CONFERENCES / SYMPOSIA / WORKSHOP ATTENDED:			
S. No	Name of the Event	Name of the Sponsoring Agency	Place and Date
1.	International Seminar on “ Data Science and Management of Data ”	Dr. MGR Educational and research Institute	12-06-2024
2.	Webinar on “ Gen AI ”	IEEE section, Presidency University	10-05-2024
3.	3 DAYS NATIONAL WEBINAR SERIES ON “ DATA SCIENCE ”	GOVT ARTS COLLEGE, TRICHY	24-06-2020 TO 26-06-2020
4.	ONE DAY WEBINAR ON “ BASICS OF ARTIFICIAL NEURAL NETWORK AND	MOOKAMBIGAI COLLEGE OF	21-06-2020

	INTRODUCTION TO MATLAB TOOL WITH EXAMPLE"	ENGINEERING, PUDHUKOTTAI	
5.	Webinar On "TURN YOUR THESIS INTO ARTICLES"	ST. XAVIERS COLLEGE OF EDUCATION, PALAYAMKOTTAI	16-06-2020
6.	One day webinar on "ONLINE CONTENT CREATION TOOL"	BISHOP HEBBER COLLEGE, TRICHY	11-06-2020
7.	International Virtual Conference on "ROLE OF TECHNOLOGY IN THE ERA OF COVID-19 FOR EDUCATION "	UTHRAKHAND SCIENCE AND RESEARCH CENTRE	07-06-2020 & 08-06-2020
8.	One day webinar "COMMUNICATORS' DILEMMA: MEDIA, MEDIA EVERYWHERE; WHICH MEDIA TO CHOOSE" .	Department of Communicative English, St. Xavier's College for Women, Aluva	06/06/2020
9.	Five-day online FDP on "EVOLUTION FROM OFFLINE TO ONLINE TEACHING"	SATISH PRADHAN DNYANASADHANA COLLEGE, THANE	30-05-2020 TO 03-06-2020
10.	Webinar on "CARRIER OPPORTUNITIES IN RECENT TECHNOLOGY AFTER COVID 19"	SADAKTHULLAH APPA COLLEGE, TIRUNELVELI	30-05-2020
11.	Webinar on "AURDINO PROGRAMMING"	PAC RAMASAMY RAJA POLYTECHNIC COLLEGE , RAJAPALAYAM	29-05-2020
12.	ONE DAY Webinar on "DATA VISUALIZATION"	Department of Computer Science, V.O.Chidambaram College, Tuticorin	30.05.2020
13.	WEBINAR ON "CHALLENGES OF LTE FOR FUTURE WIRELESS COMMUNICATION"	ST. MATHER THERESA ENGINEERING COLLEGE, THOOTHUKUDI	27-05-2020
14.	Two Day National Webinar on "Exploration Approach in Data Science" organized by PG & on	Research Department of Computer Science, IDHAYA COLLEGE FOR WOMEN, KUMBAKONAM	27-05-2020th & 28-05-2020
15.	Webinar on "HUMANOID"	BHAKTAVATSALAM MEMORIAL COLLEGE FOR WOMEN CHENNAI-80	23-05-2020
16.	webinar on "PROGRAMMING WITH PYTHON - A NEW ERA IN LEARNING"	Bharathiar University Arts and Science College, Modakkurichi	21.05.2020
17.	Webinar on "CYBERSECURITY"	VIVEKANANDHA ARTS AND SCIENCE COLLEGE FOR WOMEN (AUTONOMOUS), NAMAKAL	20-05-2020
18.	power seminar webinar on "You can do it"	ICT Academy	20-05-2020
19.	Online National Workshop on "BASICS OF DOCUMENTATION USING LATEX"	Stella Maris College (Autonomous), Chennai	24, 25, 29 & 30 April 2020

20.	One day Webinar “ E-SHODH SINDHU WEB OF SCIENCE ”	CLARIVATE	15-06-2020
21.	6 DAYS WEBINAR SERIES ON” RESEARCH PERSPECTIVES: TRANSITION FROM 4.0 TO 5.0 ”	BHARATHIYAR UNIVERSITY, COIMBATORE	15-06-2020 TO 20-06-2020
22.	International Webinar on “ DATA ANALYTICS & APPLICATIONS ”	BISHOP HEBBER COLLEGE, TRICHY	12-06-2020
23.	International Webinar on “ Recent Research Trends in Deep Learning through Google Colab (Python) ”	Government College for Women (Autonomous), Kumbakonam	12-06-2020
24.	One day National level webinar on “ CYBER SECURITY: RECENT TRENDS CHALLENGES AND RESEARCH OPPERTUNITIES ”	SESHADRIPURAM COLLEGE, BENGALORE	11-06-2020
25.	National Level Conference on “ RECENT DIMENSIONS ON IMAGE PROCESSING ”	Department of Computer Science and Research Centre, St. Xavier’s College, Palayamkottai	09- 01-2015.

COUNTRIES VISITED			

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

Date:

Name: Sahaya Chithra