FACULTY PROFILE

DEPARTMENT OF COMPUTER APPLICATIONS

I. PERSONAL DETAILS

Name	Dr. S.VIJAYASANKARI
Designation	Assistant Professor
Qualification	MCA,M.Phil.,Ph.D.,SET
Area of Specialization	Data Mining, Data Science, Machine Learning.
Mobile No.	+91 9487945389
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	Personal :svksankari@gmail.com

II. EDUCATIONAL QUALIFICATION

S.NO	NAME OF THE DEGREE/DIPLOMA	NAME OF THE INSTITUTION/UNIVERSITY	YEAR OF PASSING
1	B. Sc., (Computer Science)	T.B.A.K College for Women, Kilakarai (Madurai Kamaraj University)	1995
2	M.C.A	T.B.A.K College for Women, Kilakarai (Madurai Kamaraj University)	1998
3	M.Phil. (Computer Science)	Madurai Kamaraj University	2005
4	SET 2012	Bharathiar University, Coimbatore	2012
5	Ph.D. (Computer Applications)	Manonmaniam Sundaranar University, Tirunelveli	2014

III. TEACHING EXPERIENCE

S.NO	TEACHING EXPERIENCE WITH NAME OF THE INSTITUTION	YEAR OF EXPERIENCE
1	Mohamed Sathak Engineering College, Kilakarai	1 Year 10 Months
2	Ganapathi Seethai Ammal College, Manamadurai	3 Months
3	Fatima College, Madurai	1 Year 8 months
4	E.M.G. Yadava Women's College, Madurai	2004 -Till Date

IV. RESEARCH ACCOMPLISHMENTS

S.NO	DATE	NAME OF THE COURSE/PROGRAMME	NAME OF THE INSTITUTION/UNIVERSITY
		ORIENTATION/REFRESHER/MOOCs/FDP/ TRAINING PROGRAMMES ATTENDED	
1.	19.03.2010 & 20.03.2010	Skill based training program on J2EE and best practices in Application Development	ICT Academy of Tamilnadu
2.	08.02.2016	Project Guidance – Development, Deployment and Maintenance	S. Vellaichamy Nadar College, Madurai
3.	11.09.2017	Personality Development	Solamalai College of Engineering, Madurai.
4.	22. 01. 2018	Awareness Programme on Open Source	Lady Doak College, Madurai
5.	25.01. 2018 To 28.01.2018.	Training programme on 'Academic Leadership'	Crescent College of Education for women, Madurai
6.	27.05.2021 & 28.05.2021	Empowerment through Emotional Intelligence	Empowerment through Emotional Intelligence
7.	26.08.2021 To 28.08.2021	Exploring PYTHON Packages for analysis	Thassim Beevi Abdul Kadar College for Women, Kilakarai

S.NO	DATE	TITLE	EVENT NAME	INSTITUTION NAME
		NATIONAL/INTERNATIONAL SEMINAR, WEBINAR, WORKSHOP, CONFERENCE & SYMPOSIUM ATTENDED		
1.	19. 02. 2008	National Conference on Recent Trends in Information Technology,	Conference	Fatima College, Madurai
2.	22.02.2008 &	National Conference on Intelligent Computing Models	Conference	Periyar University, Salem.

	23.02.2008			
3	12.03.2008.	National Conference on Computer Science and Applications	Conference	Mepco Shlenk Engineering College, Sivakasi,
4	10 .08.2008 & 11.08.2008	National Conference on Recent Trends in Advanced Computing	Conference	K. L. N. College of Information Technology, Pottapalayam
5	11.08.2008 & 13.08. 2008	International Conference on Digital Factory	Conference	Coimbatore Institute of Technology, Coimbatore
6	12.02.2009 & 14.02. 2009	International Conference on Stochastic Modeling	Conference	Alagappa University, Karaikudi
7	04 .11.2009 & 05. 11. 2009	National conference on Advanced Statistical Data Analysis for Business Intelligence	Conference	Kalasalingam University, Krishnankovil
9	08. 10. 2010	National Seminar on Information Science and Technology	Seminar	Fatima College, Madurai
10	07.01.2011 & 08.01.2011	CSIR Sponsored two days national level seminar on 'Recent Research issues and challenges in face and gait recognition towards video surveillance'	Seminar	Sri Vidya College Engineering & Technology, Virudhunagar
11	22.08.2011 & 23. 08. 2011	National Conference on Knowledge Discovery and Data Mining	Conference	Thiagarajar College of Engineering, Madurai
12	13.02.2012 & 14. 02. 2012	International Conference on Contemporary Emerging Trends in Management	Conference	Anna University of Technology, Madurai
13	15. 03. 2013	ISTE sponsored workshop on Hands on training on Software Testing Tools	Workshop	K.L.N College of Engineering, Pottapalayam.
14	23.01.2013 & 24. 01. 2014	National Conference on Contemporary developments in Information and Communication Technologies	Conference	Madurai Kamaraj University , Madurai
15	25. 09. 2017	e-Learning and MOOCs in Higher Education and new Roles of Teachers	Seminar	E.M.G Yadava Women's College, Madurai
16	02. 01.2018	NPTEL Workshop	Workshop	Thiagarajar College of Engineering, Madurai
17	24. 02. 2018	International Conference on the new horizon in IT	Conference	Senthamarai College of Arts and Science, Madurai
18	31. 07. 2018.	One day International Workshop on 'IOT and PYTHON'	Workshop	Sourashtra College, Madurai,
20	27. 12. 2018.	International workshop on 'Wireless Sensor Networks'	Workshop	E.M.G Yadava Women's College, Madurai,
21	11. 01. 2019	International Conference on Advanced Computing Technologies	Conference	Madurai Sivakasi Nadars Pioneer Meenakshi Women's College
22	27. 07. 2019	Reforms in Curriculum Design & Evaluation based on OBE	Workshop	The Standard Fireworks Rajaratnam College for Women, Sivakasi.
23	08. 08. 2019	International seminar on 'Insight of software development and Organisation'	Seminar	Mangayarkarasi College of Arts and Science for Women, Madurai,
24	30. 01. 2020.	International Conference on Artificial Intelligence and Machine Learning	Conference	Mangayarkarasi College of Arts and Science for Women, Madurai
25	12. 11. 2021	National Virtual Conference on To enable innovation towards Machine Learning	Conference	Sermathaivasan College, Madurai

S.NO	DATE	TITLE	EVENT NAME
NATIONAL / INTERNATIONAL SEMINAR, WEBINAR,WORKSHOP, CONFERENCE & SYMPOSIUM ORGANISED		
1.	24.09. 2004	DST Sponsored National Seminar	Mobile Computing
2.	22.12.2005 & 23.12.2005	UGC Sponsored National Level conference	Mobile Computing and Data Mining
3	09.01.2007	Introduction to Microsoft certificate course	Seminar
4	08.02.2007	Data Mining	Seminar
5.	15.02.2007	NEXUS 2K7	Intercollegiate meet
6.	25.12.2007	Software Testing	Seminar
7	05.01.2008	Networking	Seminar
8	10.1.2008	Software development and Software integration	Seminar
9	07.02.2008	ENIAC Association	Intra collegiate meet
10	24.12.2008	Software Testing Awareness	Seminar
11	07.01.2009	PHP	Seminar
12	02.03.2009	ENIAC	Seminar
13	15.02.2011	Emerging Trends in Information Technology	National Level Workshop
14	02.02.2012	Nexus-2K12	Intercollegiate meet
15	25.10.2012	Mobile Computing	Seminar
16	11.01.2013	Image Processing	Guest Lecture
17	22-02-2013	Nexus-2K13	Intercollegiate meet
18	23.09.2014	Fuzzy Network and its Applications	Seminar
19	23.12.2014	Research Issues in Computer Science	Seminar
20	27-08-2015	Innovative Digital Image Processing and Iconic Open Source Technology	National Level Seminar
21	27-12-2018	Wireless Sensor Networks	International Workshop

S.NO	DATE	TITLE OF THE PROGRAMME / EVENT NAME	NAME OF THE INSTITUTION	DISTRICT / STATE / NATIONAL / INTERNATIONAL
		ACTED AS RESOURCE PERSON IN OTHER INSTITUTION		
1	13.05.2016	The Impact of ICT in Education	S. Vellaichamy Nadar College of Education, Madurai	District
2	19 02.2019	Big Data Techniques and applications	Madurai SivakasiNadar Pioneer Meenakshi Women's College, Poovanthi	District
3	25.07.2019	Machine Learning – An overview with Data Mining	Sri. S. Ramasamy Naidu College, Sattur	District

S.NO	TITLE OF THE BOOK / CHAPTERS / PROCEEDINGS	TITLE OF THE PAPER	NATIONAL/ INTERNATIONAL	PUBLISHER DETAILS	ISBN/ISSN OF THE PROCEEDINGS	YEAR
		PUBLICATION OF BOOK/ BOOK CHAPTERS / MONOGRAPH / PAPERS PUBLISHED IN CONFERENCE/ PROCEEDINGS				
1	Object Oriented Programming in C++	--	National	Shanlax Publication, Madurai	ISBN 978-93-85399-38-1	2016
2	Entrepreneurship.	Higher Education as a path way to entrepreneurship.	National	PCF Publication	ISBN 978-93-92560-13-2	2021
3.	National Conference on Computer Science and applications	Ga Classifier with fuzzy Approach to predict disease using Gene structure	National	Mepco Shlenk Engineering College, Sivakasi,	-	2008
4	National Conference on Recent Trends in Advanced Computing	Loan risk analyzer using naive-Bayes Classification technique	National	K.L.N College of Engineering, Pottapalayam.	-	2008
5	International Conference on Digital Factory	*Fingerprint feature extraction using direction matrices on global features'*	International	Coimbatore Institute of Technology, Coimbatore		2008
6	National conference on Advanced Statistical Data Analysis for Business Intelligence (NCOSBI'09),	Detection of criminal activity in E-Mails using K-Means clustering – Data Mining Approach	National	Kalasalingam University, Krishnankovil,	ISBN 978-93-85399-49-7	2009
7	National Conference on Knowledge Discovery and Data Mining	Threatening E-Mail classification using K-Means clustering	National	Thiagarajar College of Engineering, Madurai,	ISBN 978-93-81361-21-4	2011
8	National Conference on Contemporary developments in Information and	*Image extraction using clustering*	National	Madurai Kamaraj University, Madurai	ISBN 978-93-85399-49-7	2014

	Communication Technologies	*techniques – A Data Mining Approach*				
9	International Conference on New Horizon in IT	Big data analytics Technologies and tools- A Review	International	Senthamarai College of Arts and Science, Madurai	ISBN- 978-93-87102-89-7	2018
10	Entrepreneurship in Higher Education	Higher Education as a path way to entrepreneurship	National	PCF Publication		2021

LEADERSHIP/TEAM WORKING SKILLS			
S.NO	CELL/CLUB/COMMITTEE/ASSOCIATION	POSITIONS HELD (NODAL, COORDINATOR/ASSISTANT COORDINATOR /MEMBER)	DURATION MONTH/YEAR
1.	Library Committee	Member	2008-2009
2.	Prospectus Committee	Member	2013-2014, 2014-2015
3.	Academic Audit Committee(Internal)	Member	2015-2016, 2016-2017, 2018-2019
4.	Teaching, Learning & Evaluation	Coordinator	2017-2018, 2018-2019, 2020-2021

POSITIONS HELD AT OTHER INSTITUITIONS (BOS, ACM etc.,)			
S.NO	NAME OF THE INSTITUTION	POSITIONS HELD	DURATION MONTH/YEAR
1	Fatima College , Madurai	BOS Member – Subject Expert	March 2015
2	Sri Meenakshi Government Arts College for Women , Madurai	BOS Member – Subject Expert	March 2015
3	Fatima College , Madurai	BOS Member – Subject Expert	April 2016
4	Annamalai University, Chidambaram	Chairman for Question Paper Setter	July 2017
5	S. Vellaichamy Nadar College, Madurai	BOS Member – Subject Expert	February 2018
6	S. Vellaichamy Nadar College, Madurai	BOS Member – Subject Expert	February 2019
7	Arul Anandar College , Madurai	BOS Member – Subject Expert	October 2020, November 2020

V.   INNOVATIVE TEACHING SKILLS

S.NO	ICT ENABLED TEACHING METHODS
1	Interactive Whiteboard
2	LCD Projector
3	Laptop
4	E-Learning
5	Online courses through Google Classroom, Zoom

e- CONTENT DEVELOPED				
S.NO	DATE	TITLE	SOCIAL NETWORK (YouTube, Slideshare, Blog, MOOCs, Others)	LINK
1.	17.08.2020	Data Mining : Introduction	Slide share	https://www.slideshare.net/VijayasankariS/data-mining-introduction-248720249
2.	29.10.2020	Data warehousing and Online analytical processing	Slide share	https://www.slideshare.net/VijayasankariS/data-warehousing-and-online-analytical-processing
3.	22.02.2021	Data pre processing	Slide share	https://www.slideshare.net/VijayasankariS/data-preprocessing-248737088
4.	15.03.2021	Data mining trends	Slide share	https://www.slideshare.net/VijayasankariS/data-mininng-trends
5.	27.08.2021	Introduction to Python	You tube	https://drive.google.com/file/d/1GZ9xp8LcoNJ07hog_i5AgANJn8vBeltQ/view?usp=drivesdk
6.	16.10.2021	Functions in Python	You tube	https://drive.google.com/file/d/1g86CJAtkqH73Hn5v8yhA91W23RAXGbr5/view?usp=drivesdk

VI. COLLABORATIVE ACTIVITIES

COLLABORATIVE TEACHING ACTIVITIES IN OTHER INSTITUTION/AGENCY (MoU, etc.,)			
S.NO	**DATE**	**TITLE**	**NAME OF THE INSTITUTE**
1	12.10.2021	Student Exchange Programme	CSI College of Arts & Science for Women, Madurai

COLLABORATIVE ACTIVITIES IN OTHER INSTITUTION – EXTENSION/ CONSULTANCY			
S.NO	**DATE**	**TITLE**	**NAME OF THE INSTITUTE/ CORPORATE/ ADOPTED VILLAGE**
1	15.02. 2021 To 25. 02 2021	Python Programming	Elysium Technology Pvt . Ltd Madurai

VII. COMPUTER SKILLS

S.NO	**COMPUTER LANGUAGE/TECHNICAL SKILLS**
1	C, C++,Data Structures, UNIX, JAVA , RDBMS, PYTHON

VIII. LANGUAGE PROFICIENCY

S.NO	**LANGUAGE**	**SPEAK**	**READ**	**WRITE**
1	Tamil	✓	✓	✓
2	English	✓	✓	✓

IX. OTHER SKILLS

S.NO	**SKILLS**
1	Sports –Throw Ball