NAME : P. MEENAKSHI SUNDARI

POSITION : ASSISTANT PROFESSOR

FACULTY OF : COMPUTER SCIENCE

EMAIL ID : cscmeenakshisundari@gmail.com

LANGUAGES PROFICIENCY

READ : TAMIL & ENGLISH

WRITE : TAMIL & ENGLISH

SPEAK : TAMIL & ENGLISH

1. QUALIFICATION

S. No.	DEGREE / DIPLOMA / CERTIFICATE	SUBJECT	NAME OF THE INSTITUTION	YEAR OF PASSING
1.	UG	MATHEMATICS	FATIMA COLLEGE	1992
2.	PG	COMPUTER SCIENCE	N.M.S.S. VELLAICHAMY NADAR COLLEGE, MADURAI	1997
3.	M.PHIL.	COMPUTER SCIENCE	MADURAI KAMARAJ UNIVERSITY, MADURAI	2004
4.	PH.D.	COMPUTER SCIENCE	BHARTHIDASAN UNIVERSITY, TRICHY	2017
5.	SET	COMPUTER SCIENCE	BHARATHIAR UNIVERSITY, COIMBATORE	2012

2. TEACHING EXPERIENCE

S. No.	INSTITUTION	FROM – TO
1.	V. V. VANNIAPERUMAL COLLEGE, VIRUDHUNAGAR	2004 - 2007
2.	DEPT. OF COMPUTER APPLICATIONS (BCA), FATIMA COLLEGE, MADURAI	2007 - JULY 2015
3.	DEPT. OF COMPUTER SCIENCE, FATIMA COLLEGE, MADURAI	JULY 2015 - ONWARDS

3. POSITION HELD IN FATIMA

S. No.	NAME OF THE POSITION	DURATION
1.	CIA INCHARGE	2010 - 2013
2.	HEAD, DEPT. OF COMPUTER APPLICATIONS (BCA)	2012 - 2015
3.	SECRETARY, STAFF CLUB	2014 - 2015

4. AREAS OF SPECIALIZATION

➢ IMAGE PROCESSING

➢ WEB TECHNOLOGY

5. ORIENTATION/REFRESHER/TRAINING PROGRAMMES/FDP ATTENDED

S. No.	PROGRAMMES	THEME	ORGANIZED BY	DATE
1.	FDP	WEB DEVELOPMENT ON FREE & OPEN-SOURCE SOFTWARE	IBM ACADEMIC INITIATIVE	02.02.2008 & 03.02.2008
2.	INTERNSHIP TRAINING COURSE	PHP	INVICTUS	01.12.2009 - 04.12.2009
3.	TRAINING PROGRAMME	J2EE & BEST PRACTICES IN APPLICATION DEVELOPMENT	ICT ACADEMY OF TAMIL NADU IN ASSOCIATION WITH CTS, TCS	28.08.2009
4.	AWARENESS PROGRAM	E-CONTENT DEVELOPMENT FOR COLLEGE TEACHERS	CENTRE OF EDUCATIONAL RESEARCH, MADURAI KAMARAJ UNIVERSITY	27.09.2010 & 28.09.2010
5.	INTERNSHIP TRAINING COURSE	MAT LAB	INVICTUS	22.11.2011 - 25.11.2011
6.	FDP	ONE DAY WORKSHOP ON IMAGE PROCESSING	DEPT. OF COMPUTER SCIENCE, SIVAKASI NADAR COLLEGE, MADURAI	MAR. 2013

6. NATIONAL/INTERNATIONAL SEMINAR, WORKSHOP, CONFERENCE & SYMPOSIUM

S. No.	PROGRAMMES	ORGANIZED BY	DATE	PARTICIPATED / PRESENTED	TITLE OF THE PAPER
1.	AICTE SPONSORED NATIONAL LEVEL SEMINAR ON "RECENT TRENDS IN IT - 07"	DEPT. OF COMPUTER SCIENCE, ARUL ANANDAR COLLEGE, KARUMATHUR	19.01.2007 & 20.01.2007	PRESENTED	A STUDY OF BIO- INFORMATICS TOOLS
2.	UGC SPONSORED STATE LEVEL SEMINAR ON "DATA MINING"	DEPT. OF COMPUTER SCIENCE, ARUL ANANDAR COLLEGE, KARUMATHUR	09.12.2009	PRESENTED	A STUDY OF DATA MINING TOOLS IN BIO- INFORMATICS
3.	UGC SPONSORED STATE LEVEL SEMINAR ON "CRYPTOGRAPHY"	DEPT. OF MATHEMATICS FATIMA COLLEGE, MADURAI	07.09.2011 & 08.09.2011	PRESENTED	A STUDY OF CRYPTOGRAPHIC ALGORITHMS FOR IMAGE AUTHENTICATIONS
4.	NATIONAL CONFERENCE ON "DATA & KNOWLEDGE ENGINEERING"	DEPT OF COMPUTER SCIENCE, NPR COLLEGE	28.01.2012	PRESENTED	STUDY OF VARIOUS EDGE DETECTION & SEGMENTATION ALGORITHMS
5.	NATIONAL SEMINAR ON "NETWORKING"	DEPT. OF IT, FATIMA COLLEGE, MADURAI	11.03.2012	PRESENTED	A STUDY ON FUNCTION POINT SOFTWARE METRICS
6.	NATIONAL SEMINAR ON "NETWORKING"	DEPT. OF IT, FATIMA COLLEGE, MADURAI	11.03.2012	PRESENTED	A STUDY ON BUSINESS PROCESS MODELING NOTATION & ITS TOOLS FOR SOFTWARE DESIGNING
7.	ONE-DAY STATE LEVEL WORKSHOP ON SMART DEVICE PROGRAMMING USING ANDROID (WSDPA -2012)	DEPT. OF COMPUTER SCIENCE ST. JOSEPH'S COLLEGE, THIRUCHIRAPPALI	08.09.2012	PARTICIPATED	-
8.	UGC SPONSORED STATE LEVEL SEMINAR ON "IMAGE PROCESSING"	DEPT OF COMPUTER SCIENCE, SFR COLLEGE, SIVAKASI	25.09.2012 & 26.09.2012	PRESENTED	A STUDY OF SOFTWARE USED FOR ANALYZING TREE RING STRUCTURE USING IMAGE PROCESSING
9.	NATIONAL SEMINAR ON "CURRENT &INNOVATIVE TRENDS IN COMPUTER APPLICATIONS"	FATIMA COLLEGE, MADURAI	21.02.2013	PARTICIPATED	-

S. No.	Programmes	Organized by	Date	Participated / Presented	Title of the Paper
10.	One-Day Workshop on Image	Dept. of Computer Science, Sivakasi Nadar College, Madurai	Mar. 2013	Participated	-
11.	World Congress on Computing and Communications Technologies (Wccct'14)	Dept. of Computer Science, St. Joseph's College, Tiruchirappalli	27.02.2013 - 01.03. 2014	Presented	An Approach for Dendroclimatology Using Image Processing Techniques
12.	World Congress on Computing and Communications Technologies (Wccct'14)	Dept. of Computer Science, St. Joseph's College, Tiruchirappalli	27.02.2013 - 01.03. 2014	Presented	An Approach For Analyzing The Factors Recorded in The Tree Rings Using Image Processing Techniques

7. Research Guidance

> ### No. of M. Phil. Guided : 5

M. Phil. Guidance Completed/Ongoing

S. No.	Title of Dissertation	Student Name	University	Year
1.	Software Process Improvement Through Knowledge Management Emerging Practices in it Industry	Ms. Karpagam	Prist University	2009
2.	Detecting Redundancy in Biological Databases	Ms. Gomathi	Prist University	2011
3.	Analyzing Data mining Tools for Protein Sequences Analysis	Ms. Jeyanthi	Prist University	2011
4.	Analysis of Clustering Algorithms for Spatial Data Sets	Ms. Vishnu Priya	Prist University	2011
5.	Random Cast and Energy Efficient Communication Scheme for Mobile Ad-Hoc Network	Ms. Cathaorine	Prist University	2011

8. Articles Published in Journals/Books

S. No.	Journal/Book Name	Title of the Article	Month / Year	Vol. No.	Issue No.	Page No.	ISBN/ ISSN	Publisher
1.	International Journal of Research in Humanities, arts and Literature	A Study of Image Processing in Analyzing Tree Ring Structure	Mar. 2014	2	3	13 - 18	ISSN(E): 2321-8878	IMPACT
2.	International Journal of Computer Applications	Comparison of various Edge Detection Techniques in Tree Ring Structure	Mar. 2014	90	19	0975 - 8887	ISSN(E): 2321-8878	IJCA
3.	Computing and Communication Technologies (WCCCT)	An Approach for Dendroclimatology Using Image Processing Techniques	Mar. 2014	-	-	234 - 236	ISBN:978-1-4799-2876-7	IEEE Explorer
4.	International journal of IOSR journal of Computer Engineering (IOSR-JCE)	Proposed Hough Technique for Estimating Climatic Conditions recorded in the Cross Section of Tree Images	Nov - Dec. 2015	17	6	87 - 90	ISSN(E): 2278-0661, ISSN: 2278-8727	www.iosrjournals.org DOI:10.9790/0661-17618790

S. No.	Journal/Book Name	Title of the Article	Month / Year	Vol. No.	Issue No.	Page No.	ISBN/ ISSN	Publisher
5.	International Journal of Computer Trends and Technology (IJCTT)	Semi-Automatic techniques for Estimating Climatic Conditions Recorded in the Tree rings	Nov - Dec. 2015	21	-	19 - 22	ISSN: 2231-2803	http://www.ijcttjournal.org
6.	World Congress On Computing And Communication Technologies (WCCCT) 2017	An Approach For Analyzing The Factors Recorded In The Tree Rings Using Image Processing Techniques	Oct. 2017	-	-	236 - 239	Isbn (PoD): 978-1-5090-5574-6 Isbn (E): 978-1-5090-5573-9	IEEE Explorer

9. Guest Lecture Delivered

S. No.	Institution	Theme/Title	Date
1.	Maduari Sivaksi Nadars Pioneer Meenakshi Women's College, Poovanthi	Basic Concepts in Dynamic Webpage Creation	Dec. 26, 2017
2.	Dept. of Computer Science, Sivakasi Nadar College, Madurai	Dynamic Web Page Creation	26.12.2017
3.	Dept. of Computer Science & Information Technology, Nadar Saraswathy College, Theni	Overview of Data Structure	16.12.2019
4.	Dept. of Computer Science, V.V.Vanniaperumal College, Virudhunagar	Angular JS	08.02.2021
5.	PG Dept. of Computer Applications, V.V.Vanniaperumal College, Virudhunagar	Real Life Application in Image Processing	27.08.2021

10. Member in editorial Board of National / International journal

> **Science Publication – Journal of Computer Science**