



Ms. S. NIRMALA DEVI

Designation : Assistant Professor
Department : Computer Applications (BCA)
Email ID : nirmala.bca@fcmdu.edu.in

Languages Proficiency

Read : English & Tamil
Write : English & Tamil
Speak : English & Tamil

1. QUALIFICATION

S. No.	Degree / Diploma / Certificate	Discipline	Name of the Institution	Year of Passing
1.	UG	Computer Science	A.K.D. Dharmaraja Womens' College, Rajapalayam	2004 - 2007
2.	PG	Computer Science	V.V. Vanniaperumal College for Women, Virudhunagar	2007 - 2009
3.	M.Phil.	Computer Science	Ayya Nadar Janaki Ammal College, Sivakasi	2013 - 2014
4.	NET	Computer Science & Applications	UGC	July 2019
5.	Certificate	Introduction to Programming using Python	Microsoft Technology Associate	Jan. 2021
6.		Security Fundamentals	Microsoft Technology Associate	Aug. 2021
7.		Cryptography & Network Security	NPTEL	Apr. 2018
8.		Programming, Data Structures and Algorithms using Python	NPTEL	Apr. 2019
9.		Introduction to Blockchain Technology and Applications	NPTEL	Apr. 2020
10.		Google Cloud Platform Fundamentals: Core Infrastructure	COURSERA	July 2020
11.		Advanced System Security Topics	COURSERA	Aug. 2020
12.		Enterprise System Management and Security	COURSERA	July 2020
13.		Cyber Threats and Attack Vectors	COURSERA	July 2020

S. No.	Degree / Diploma / Certificate	Discipline	Name of the Institution	Year of Passing
14.		Blockchain Basics	COURSERA	June 2020
15.		Blockchain Essentials	IBM	May 2020

2. TEACHING EXPERIENCE / OTHER EXPERIENCE

S. No.	Institution / Organization	From - To
1.	Mannar Thirumalai Naicker College, Madurai.	2011 - 2012
2.	Ayya Nadar Janaki Ammal College, Sivakasi.	2014 - 2016
3.	Subbalakshmi Lakshmipathy College of Science, Madurai.	2016 - 2023
4.	Fatima College, Madurai	2023 - Till Date

3. POSITION HELD IN FATIMA (VICE PRINCIPAL, HoD, DEAN, COORDINATOR, MEMBER ETC.)

S. No.	Name of the Position	From - To
1.	Member of FONDE	2023 - Till Date
2.	Member of Discipline Committee	2025 - Till Date
3.	Member of Extension Activity	2024 - Till Date

4. MEMBERSHIP IN PROFESSIONAL / OTHER BODIES / COMMITTEES

S. No.	Name of the Position	Name of the Institution	Duration
1.	Question Setter & External Examiner	Dr. G R Damodaran College of Science, Coimbatore.	From 2023 to Till Date
2.	Question Setter & External Examiner	Selvam Arts and Science College, Namakkal	From 2022 to Till Date

5. AREAS OF SPECIALIZATION

- ❖ OBJECT ORIENTED PROGRAMMING
- ❖ NETWORK SECURITY
- ❖ IMAGE PROCESSING

6. ORIENTATION/REFRESHER/TRAINING PROGRAMMES/FDP ATTENDED

S. No.	Programme	Theme	Organized by	Date
1.	FDP	Advanced C Programming and Data Structures	ICT Academy of Tamil Nadu	Nov. 16 - 20, 2015
2.	STTP	Implementation of Outcome Based Education to Enhance the Quality of HEIs	Sri Ramakrishna College of Arts & Science, School of Management, Coimbatore	July 15 - 21, 2020
3.	FDP	Digital Teaching Techniques	ICT Academy	Feb. 01 - 06, 2020

S. No.	Programme	Theme	Organized by	Date
4.	FDP	Research Avenues in Machine Learning	Ayya Nadar Janaki Ammal College, Sivakasi	Sep. 21 - 23, 2021
5.	FDP	Microsoft Azure Data Fundamentals	ICT Academy	Feb. 28 - Mar. 04, 2022
6.	FDP	Stress Management	ICT Academy	Mar. 23 - 25, 2023
7.	FDP	Cloud Infrastructure (AWS)	Department of CINTEL, SRM Institute of Science and Technology, KTR, Chennai	Aug. 21 - 25, 2023
8.	FIP	Faculty Induction Programme	Internal Quality Assurance Cell (IQAC), Fatima College, Madurai	Aug. 28 - 31, 2023
9.	FDP	Research Innovations, Patenting & Quality Publication	Department of MCA, Fatima College, Madurai	Feb. 26 - 28, 2024
10.	FDP	Five Days Amity Faculty Development Program on Advances of Computing Technology (A-FACT)	Department of Computer Science and Engineering, Amity School of Engineering and Technology, Amity University, Uttar Pradesh, Noida.	May 13 - 17, 2024
11.	FIP	Faculty Induction Programme	Internal Quality Assurance Cell (IQAC), Fatima College, Madurai	Aug. 20 - 23, 2024
12.	Internship	Cloud Computing Using AWS	Reccsar Private Limited, Madurai	Jan. 16 - 23, 2025
13.	FDP	Future Generation Networking	Presidency School of Information Science	Feb. 17 - 21, 2025
14.	FDP	Empowering Educators: Strengthening Cyber security Awareness, Defence & Research	Department of Computer Applications (UG), PSG College of Arts & Science, Coimbatore	Feb. 24 - 28, 2025
15.	FIP	Faculty Induction Programme	Internal Quality Assurance Cell (IQAC), Fatima College, Madurai	June 09 - 14, 2025

7. PAPER PRESENTED ON NATIONAL/INTERNATIONAL SEMINARS, WORKSHOPS, CONFERENCES & SYMPOSIUMS

S. No.	Programme & Theme	Organized by	Date	Title of the Paper
1.	National Level Seminar on Green Computing & Green Business	Ayya Nadar Janaki Ammal College, Sivakasi	Jan. 29 & 30, 2014	E-Waste Management in Our Country
2.	National Conference on Computer Science and Applications-NCCSA'14	Mepco Schlenk Engineering College, Sivakasi	Mar. 05, 2014	Novel Approach of Image Segmentation Using Marker Controlled Watershed Algorithm
3.	National Conference on Emerging Trends in Engineering (NCETE '14)	PSN College of Engineering and Technology Melathediyoar, Tirunelveli	Apr. 04, 2014	Improved Image Segmentation Using Mean Filter and Marker Controlled Watershed Algorithm
4.	International Conference on "Evolving International Trade-Rewriting the Rules" with Reference to Make in India	Adaikalamatha Institute of Management and Research, Vallam, Thanjavur	Oct. 01, 2015	Segmentation of Actual and Compressed Images using Watershed Algorithm
5.	International Conference on "Recent Trends in Engineering Science, Humanities and Management (ICRTESHM-17)"	Sri Ramasamy Naidu Memorial College, Sattur	Feb. 02 - 03, 2017	Study and Analyses of Security Levels in Big Data and Cloud Computing
6.	National Seminar on Emerging Trends in	Madurai Sivakasi Nadar's	Feb. 16, 2018	Improved Data Security in

S. No.	Programme & Theme	Organized by	Date	Title of the Paper
	Computing Technologies	Pioneer Meeneakshi Women's College Sivagangai		QR Code
7.	International Conference on Cyber Security and E-Governance (ICCSEG – 2018)	Kodaikanal Christian College, Kodaikanal	Sep. 14, 2018	A Basic Approach to Ensure Security in Cloud Using Symmetric Key Encryption
8.	International Journal of Research and Analytical Reviews	Madurai Sivakasi Nadar's Pioneer Meeneakshi Women's College Sivagangai	Jan. 11, 2018	Approach of Multifactor Authentication with Different Combination Using 3D Password
9.	International Conference on Data Science and Information Ecosystem'21	Madurai Gandhi NMR Subbaraman College for Women, Madurai	June 04 - 05, 2021	Segmentation of Compressed Images Using Watershed Algorithm
10.	International Conference on Data Science and Information Ecosystem'21	Madurai Gandhi NMR Subbaraman College for Women, Madurai	June 04 - 05, 2021	Exploration on Limitation Factors of Time Series Forecasting Using Prophet with Different Nature of Dataset
11.	International Conference on Intelligent Computing and Technology (ICICT) 2024	Department of Information Technology Sri Ramakrishna College of Arts & Science Coimbatore	Mar. 13, 2024	Analysis of Traditional with Conventional Rsa

8. PARTICIPATED ON NATIONAL/INTERNATIONAL SEMINARS, WORKSHOPS, CONFERENCES & SYMPOSIUMS

S. No.	Programme & Theme	Organized by	Date
1.	National Conference on Computing & Convergence Technologies - NCCT'13	Fatima College, Madurai	Sep. 20, 2013
2.	Workshop on WEKA (Data Mining Tool)	St. Xavier's College, Palayamkottai	Jan. 10, 2014
3.	Workshop on Case Tools Using UML	Kamaraj College of Engineering and Technology, Virudhunagar	Dec. 17 & 18, 2007
4.	Workshop on "IoT Security Tools"	Sri Vidya College of Engineering & Technology, Virudhunagar	Apr. 07 & 08, 2017
5.	One Day Workshop on NPTEL	Thiagarajar College of Engineering Madurai	Jan. 02, 2018
6.	Two Day Workshop on "ICT Tools for Effective Teaching"	Thiagarajar College of Engineering Madurai	Jan. 21 & 22, 2019
7.	Workshop on "C and C++"	Thiagarajar College of Engineering Madurai	Feb. 29, 2020
8.	Webinar on "Online safety & Cyber Crimes"	Nagpur Institute of Technology Nagpur	May 16, 2020
9.	Webinar on "Upcoming Open Source Technology Innovations"	Mahendra College of Engineering Salem.	May 18, 2020
10.	Webinar on "Development of Deep Learning Architecture"	Pantech Solutions, Coimbatore	May 25, 2020
11.	Webinar on "NoSQL/MongoDB"	Karpaga Vinayaga College of Engineering and Technology	May 27, 2020

S. No.	Programme & Theme	Organized by	Date
		Madhuranthagam(TK) Chengalpattu(DT)	
12.	Online Training Program on “Blockchain”	Devspark IT Solution, Hyderabad	May 28 - 30, 2020
13.	Webinar on “Understanding DevOps for Developers”	Google Developers Group Madurai and Women Techmakers Madurai	May 30, 2020
14.	International Webinar on “Economic Impact of Global Pandemic”	Thiyagarajar College, Madurai.	June 05, 2020
15.	Workshop on “Real Time Cognitive Services on Azure Cloud”	Parvathy’s College, Dindugal.	June 10 - 12, 2020
16.	Webinar on “Encouraging Learners Engaging in Remote Learning”	Parvathys College, Dindigul.	June 13, 2020
17.	Workshop on “The Bodhi Tree and Safe Tools for Effective online Teaching – A Hands-on Workshop”	Teaching Learning Centre (ICT) at IIT Bombay	June 20, 2020
18.	Webinar on “Plagiarism Free Article Writing”	Ayya Nadar Janaki Ammal College Sivakasi	May 9, 2021
19.	Webinar on “Data Science Concepts & Big Data Analytics”	Ayya Nadar Janaki Ammal College Sivakasi	June 02, 2021
20.	Webinar on “Cloud Storage Technology and it’s Applications”	Ayya Nadar Janaki Ammal College Sivakasi	June 03, 2021
21.	International Virtual Seminar in “Securing the Future: Machine Learning and Data Analysis in Cybersecurity”	Department of Computer Science & Information Technology, S. S. Duraishamy Nadar Mariammal College, Kovilpatti.	Sept. 30, 2023
22.	PhD Research and Reporting Strategies: Navigating the Thesis Completion Process	Institute for Scholarly Research & Training (ISRT), Chennai	Oct. 24 - 26, 2024
23.	Workshop on AI Tools and ChatGPT	Be10X Company	Nov. 24, 2024

9. ARTICLES PUBLISHED IN JOURNALS/PROCEEDINGS/MAGAZINES/BOOKS

S. No.	Journal/Proceeding/ Magazine/Book Name	Title of the Article	Month/ Year	Vol. No.	Issue No.	Page No.	ISSN	Publisher
1.	International Journal of Research and Analytical Reviews (IJRAR)	Approach of Multifactor Authentication with Different Combination Using 3D Password	Jan. 2018	-	SPL. ISS.	01	23199318 E-ISSN NO: 23481269	Open Access
2.	International Journal of Innovative Research in Science and Engineering (IJIRSE)	Study and Analyses of Security Levels in Big Data and Cloud Computing	Feb. 2017	03	02	23	2454- 9665	A.R. Research Publication
3.	International Journal of Arts, Science and Humanities	Improved Data Security in QR Code	Feb. 2018	05	Spl. Issue 02	11	2321- 788x	Shanlax
4.	Conference Proceedings	Segmentation of	June	-	-	45	978-	-

S. No.	Journal/Proceeding/Magazine/Book Name	Title of the Article	Month/Year	Vol. No.	Issue No.	Page No.	ISSN	Publisher
	- International Conference on Data Science and Information Ecosystem'21 (ICDIE'21)	Compressed Images using Watershed Algorithm	2021				93-80686-04-2	
5.		Exploration on Limitation Factors of Time Series Forecasting using Prophet with Different Nature of Dataset						
6.	A One-Day National Conference on Robotics & Automation	The Evolution of AI in Robotics: A Comprehensive Review	February 2024	-	-	-	978-93-94448-86-5	-
7.	International Conference on Intelligent Computing and Technology (ICICT) 2024	Analysis of Traditional with Conventional Rsa	March 2024	15	83	72289	0976 – 0997	Indian Journal of Natural Sciences

10. ANY OTHER

Awards Received:

Received BEST PAPER award in International Conference on Intelligent Computing and Technology (ICICT) 2024 organized by the Department of Information Technology, Sri Ramakrishna College of Arts & Science, Coimbatore on 13.03.2024.