

Dr. P. Nancy Vincentina Mary

Designation : Associate Professor
Department : MCA
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Date of Birth : 22.07.1984

Languages Proficiency

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

1. Qualification

S. No.	Degree / Diploma / Certificate	Discipline	Name of the Institution	Year of Passing
1.	UG	Computer Science	Fatima College (Autonomous), Madurai	2005
2.	PG	MCA	Fatima College (Autonomous), Madurai	2008
3.	M.Phil.	Computer Science	Priest University, Thanjavur	2009
4.	Ph.D.	Computer Application	Annamalai University, Chithambaram	2025
5.	SET/NET	Computer Science & Applications	UGC	2022

2. Teaching Experience / Other Experience

S. No.	Institution / Organization	From - To
1.	Associate Professor, Fatima College, Madurai	2009 - Till Date

3. Position Held in Fatima (Vice Principal, HoD, Dean, Coordinator, Member etc.)

S. No.	Name of the Position	From - To
1.	HOD, BCA	2016 - 2019 & 2025 onwards
2.	Green Club Incharge	2012 - 2013
3.	Junior Jaycee Coordinator	2013 - 2016
4.	AICUF Coordinator	2016 -2017

S. No.	Name of the Position	From - To
5.	Certificate Course Coordinator	2016 –2022
6.	E-Content Development Cell Member	2018
7.	Web Committee Member	2017-TILL DATE
8.	Fonde Member	2020-2025

4. Membership in Professional / Other Bodies / Committees

S. No.	Name of the Position	Name of the Institution	Duration
1.	Question Paper Setter	Arulanandar College, Karumathur	2011 Onwards
2.	Question Paper Setter	Lady Doak College, Madurai	2011 Onwards
3.	Question Paper Setter	St. Joseph's College, Trichy	2012 Onwards
4.	External Examiner	Lady Doak College, Madurai	2011 Onwards
5.	External Examiner	Subbalakshmi Lakshmipathy College	2016 Onwards
6.	External Examiner	Sourastra College, Madurai	2016 Onwards
7.	External Examiner	American College,Madurai	2018 Onwards
8.	External Examiner	Mannar College,Madurai	2023 Onwards
9.	Question Paper Setter	Avs College,Salem	2024 Onwards

5. Areas of Specialization

- **JAVA**
- **DATA MINING**
- **PYTHON**

6. Orientation/Refresher/Training Programmes/FDP Attended

S. No.	Programme	Theme	Organized by	Date
1.	FDP	Android Applications	PG Department of Computer Applications	Nov. 23, 2013
2.	FDP	Digital Image Processing – Image J	UG Department of Computer Applications & IT	Mar. 07, 2014
3.	Teqip Sponsored FDP	Network Security Tools	Dept. of CSE, Thiagarajar College of Engineering, Madurai	Sep. 02 - 03, 2016
4.	National Level Online FDP	E-Content Development using Multimedia Tools	Universal Teachers Academy	May. 08 - 12, 2020
5.	FDP	New Normal Pedagogical Tools for Online Teaching	IQAC, Fatima College	May. 11 - 12, 2020
6.	FDP	Python 3.4.3	Madurai Sivakasi Nadar's Pioneer Meenakshi Women's College	May. 11 - 15, 2020
7.	FDP	Digital Teaching Methods in Higher Education	Hindustan College of Arts & Science, Coimbatore	Aug. 23 - 28, 2021

S. No.	Programme	Theme	Organized by	Date
8.	FDP	State Level Faculty Development Program	Guru Nanak College, Chennai	Mar. 08 - 11, 2021
9.	Short Term Course - Online	Software Testing Tools	National Institute of Technology, Warangal	Jul. 19 - 23, 2021
10.	FDP	Digital Teaching Methods in Higher Education	Hindustan College of Arts and Science, Coimbatore	Aug. 23 - 28, 2021
11.	Three Days Faculty Development Programme	"Research Avenues in Machine Learning"	Ayya Nadar Janaki Ammal College	Sep. 21 - 23, 2021
12.	FDP	Amazon Web Services	T. John Istitute of Technology, Bangalore	Aug. 22 - 27, 2022
13.	5 Days Virtual National FDP	Recent Advancements in Computing Technology	Dept. of Computer Science, SRNM College, Sattur	Feb. 13 - 17, 2023
14.	2 Days Short Term Course	Healing the Inner Child	Anugraha Institute of Counselling, Psychotherapy and Research	Mar. 01 & 02, 2023
15.	5 Days Virtual National FDP	Aws using Devlops	CMR Engineering College, Hyderabad	Jun. 26 - 30, 2023
16.	Five Day Faculty Development Program	Power of Visualization in Analytics	BVRIT Hyderabad College of Engineering for Women, Hyderabad	Aug. 16 - 21, 2023
17.	Two Day National Level Online Workshop	Chat GPT & AI Tool to Save 2 Hours of Work Daily	Dept. of AI, Mannar Thirumalai Naicker College, Madurai	Jul. 27 & 28, 2023
18.	Internship	Backend Basics: Building with Java Script and Node.Js	Marcello Tech, Trichy	Dec. 01 - 07, 2023
19.	Five Day Faculty Development Program	Fundamentals of Cyber Security: Tools and Techniques	School of Computer Science and Engineering, VIT, Chennai	Dec. 11 - 15, 2023
20.	Five Day Online Faculty Development Program	Python Programming with Django Framework for Building Web Applications	Dept. of Computer Science & Engineering, CMR Engineering College, Hyderabad	Feb. 12 - 16, 2024
21.	Three Day International Level Online FDP	AI Tools for Research and Publishing	Dept. of Artificial Intelligence, Mannar Thirumalai Naicker College, Madurai	Feb. 14 - 16, 2024
22.	Faculty Training	Physics, IoT & Robotics: Unveiling Convergence of Technologies for Tomorrow	Dept of Physics and Research Centre, Lady Doak College Madurai	Feb. 06, 2024
23.	International Online FDP	Recent Trends and Vistas in Artificial Intelligence	Department of Computer Science & Computer Applications, Mangayarkarasi College of Arts & Science for Women, Madurai	Jun. 24 - 28, 2024

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 "Indian Service Sector"	Sivakasi Nadar's Pioneer Meenakshi Women's College, Poovanthi	Feb. 26, 2010	Data Synchronization in Mobile Computing
2.	National Level Seminar on "Contemporary Progress in Cyberspace"	Dept. of Information Technology, Fatima College, Madurai	Feb. 17, 2012	Grid Computing

S. No.	Programme & Theme	Organized by	Date	Title of the Paper
3.	National Conference on "Computational Intelligence NCCI'12"	PG Dept. of Computer Applications & IT	Sep. 22, 2012	Dynamic Cell Planning Problem in Mobile Communication
4.	International Seminar on "Contemporary Issues and Challenges of Indian Business in Global Scenario"	Jamal Mohamed College, Trichy	Feb. 13 & 14, 2013	Secure Electronic Transaction
5.	Two Day International Conference on "Social Media for Service Sector"	Dept. of MCA, Fatima College, Madurai	Aug. 20 & 21, 2014	Neural Computations Underlying Dynamic Decision Making
6.	International Conference on "Managing Disaster-A Strategic Perspective"	Dept. of MBA & PG IT, Fatima College, Madurai	Sep. 29 & 30, 2016	Big Data Mining Using Map Reduce
7.	One Day National Seminar on "Corporate Governance and Shareholders Value"	Research Dept. of Commerce (Ca), Mahendra Arts & Science College, Tiruchengode	Mar. 25, 2017	Big Data Analysis and Its Uses in E-Governance
8.	National Conference on Advances in Computing Technology	Dept of Computer Science, Bharath Institute of Science and Technology, Chennai	Jan 08, 2021	Survey on IOT in Medical and Health Care
9.	9th International Conference on Contemporary Engineering and Technology 2021 Organization of Science	Organization of Science and Innovative Engineering and Technology	Apr.10 & 11, 2021	Analysis on the Intervention of Big Data in IOT
10.	Emerging Trends in Science, Technology and Mathematics	Parvathy's Arts and Science College, Dindigul	Sep.15 & 16, 2021	Exploring the Application of Smart IOT Devices Specific to Senior Citizen Care
11.	Powering Supply Chain Networks Beyond the Covid'19 Pandemic: Lessons and Way Forwarded (Icprs2021)	Binary University, Malaysia	Oct.14 & 15, 2021	An Analysis on the Convergence of Artificial Intelligence Techniques in Diabetic Management and Care
12.	International Conference on "Innovative Technologies and their Applications in Higher Education"	IQAC, Annamalai University, Chidambaram	Oct. 17 - 19, 2022	An Analysis on Machine Learning Techniques in Microarray Gene Expression Data for Cancer Classification
13.	Two Day National Conference on "The Role of Computational Intelligence in Emerging Research Innovations"	Dept of Computer Science, Annamalai University, Chidambaram	Mar. 10 & 11, 2023	The Importance of Nature Inspired Algorithm in Gene Subset Selection for Cancer Classification
14.	11th International Conference on "Contemporary Engineering and Technology 2023"	Science & Innovative Engineering and Technology, Chennai.	May 01 & 02, 2023	Swarm Intelligence Based Firefly Algorithm for Microarray Cancer Classification

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

S. No.	Programme & Theme	Organized by	Date
1.	Workshop on "Android Application Development"	Dept. of Computer Application, Fatima College, Madurai	Nov. 23, 2013

S. No.	Programme & Theme	Organized by	Date
2.	Workshop on "Image Processing with Image J and Research Opportunities in Digital Image Analysis"	Dept. of IT, Fatima College, Madurai	Mar. 07, 2014
3.	Workshop on "Tools and Techniques for Semantic and Image Analysis"	Dept. of IT, Madurai Sivakasi Nadar's Pioneer Meenakshi Women's College, Poovanthi	Sep. 23, 2016
4.	State Level Webinar on Essential Information for Educated Community on Prophylaxis for Covid-19 High Risk	Chennai Institute of Technology	May 09, 2020
5.	State Level Webinar on Real Life Applications of Mechatronics	Chennai Institute of Technology	May 09, 2020
6.	State Level Webinar on Industry 4.0	Chennai Institute of Technology	May 15, 2020
7.	State Level Webinar on Computer Vision Overview	Chennai Institute of Technology	May 16, 2020
8.	State Level Webinar on Enjoyable & Engaging Tools to Learn Coding	Chennai Institute of Technology	May 19, 2020
9.	State Level Webinar on Artificial Intelligence	Dept of Computer Science and Engineering of Dr. M. G. R. Educational and Research Institute, Deemed to Be University, Chennai	Apr. 26, 2020
10.	State Level Webinar on Future Tech 2020-5g as an Enabler in Digital Transformation	ICT Academy	May 18, 2020
11.	State Level Webinar on Power of Teacher	ICT Academy	May 04, 2020
12.	State Level Webinar on Innovative Online Pedagogies-Teaching 2.0	Entercon	July 19, 2020
13.	State Level Webinar on Data Visualization Using R	Dept of Computer Science, Lady Doak College, Madurai.	May 15 & 16, 2020
14.	International Webinar on "Recent Advancements in Machine Learning"	Arul Anandar College	Mar. 18 & 19, 2021
15.	14th National Seminar on Research Issues in Digital Image Processing & Video Analytics	Mepco Schlenk Engineering College, Sivakasi	Mar.19 & 20, 2021
16.	International Webinar on "Cloud Computing with Microsoft Azure"	Madurai Sivakasi Nadar's Pioneer Meenakshi Women's College, Poovanthi	Apr.12, 2021
17.	Data Science Concepts & Big Data Analytics	Department of Computer Applications, Ayya Nadar Janaki Ammal College, Sivakasi	Jun.02,2021
18.	Preparation Strategies for UGC Net & TN SET	CSIR/UGC NET Counseling Cell, The Standard Fireworks Rajaratnam College for Women, Sivakasi	Jun.11,2021
19.	One Day National Webinar on "Give Your Stress Wings and Let It Fly Away"	St. Francis De Sales College, Nagpur	Sep. 11 2021

S. No.	Programme & Theme	Organized by	Date
20.	Recent Developments in Artificial Intelligence and Their Impact on Religion and Society	Dept of MCA, Saint Francis De Sales College, Nagpur	Sep.18,021
21.	One Week National Online Workshop on “Robotic Process Automation Design & Development”	St. Francis De Sales College, Nagpur	Sep. 20 - 24, 2021
22.	International Workshop Hands on Session on “Mongo Db”	Patrician College of Arts and Science, Chennai	July.15 -17, 2021
23.	Popular Lecture Series, Lecture 2 on “Machine Learning in Bioinformatics”	VVV College, Virudhunagar.	26.02.2022
24.	Virtual International Faculty Development Programme "Auto Ml"	Lady Doak College, Madurai	04.03.2022
25.	International Workshop on “Essential Skills for Career Building and Development”	IQAC, Annamalai University	11.01.2023
26.	State Level Seminar on “Intellectual Property Rights”	Department of BCA, The American College, Madurai.	03.02.2023

9. Articles Published in Journals/Proceedings/Magazines/Books

S. No.	Journal/Proceeding/ Magazine/Book Name	Title of the Article	Month/ Year
1.	Journal of Educational and Social Research	An Ensemble Feature Selection Method for Gene Expression Classification	Sep. 2022
2.	Scopus Indexed Journal International Journal of Experimental Research and	Feature Selection in Microarray using Proposed Hybrid Minimum Redundancy-Maximum Relevance (MRMR) and Modified Genetic Algorithm (MGA)”	June, 2024
3.	Journal of Computational Analysis and Applications (JOCAAA)	Integrating HRPGW Optimization with ALSTM for Enhanced Cancer Diagnosis in Gene Expression Microarray Data Analysis	Sep. 23, 2024
4.	Nanotechnology Perceptions	Optimizing Cancer Diagnosis: IRPO-Driven Integrated Analysis of Gene Expression Microarray Data	Mar. 01, 2025
5.	International Research Journal of Modernization in Engineering Technology and Science	Unraveling Gene Expression Patterns Through Microarray Data Analysis	Apr. 01, 2025