



Ms. P. RENGANAYAGI

Designation : Assistant Professor
Department : Computer Applications (BCA)
Email ID : renganayagi8795@gmail.com

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	Information Technology	Fatima College, Madurai	2015
2.	PG	MCA	Fatima College, Madurai	2017
3.	M.Phil.	Computer Applications	Madurai Kamaraj University, Madurai	2018
4.	Ph.D.	Computer Applications	The Gandhigram Rural Institute (Deemed to be University), Gandhigram	Pursuing
5.	NET	Computer Science and Applications	UGC	2023

2. TEACHING EXPERIENCE / OTHER EXPERIENCE

S. No.	Institution / Organization	From - To
1.	Lady Doak College, Madurai.	Feb. 2019 - Apr. 2019
2.	C.S.I. College of Arts and Science for Women, Madurai.	2019 – 2022
3.	Fatima College, Madurai.	2022 - Till Date

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

S. No.	Name of the Position	From - To
1.	Dean of Extra Curricular Activities	2025 - Till Date
2.	Member of Institute Industry Interface Cell	2025 - Till Date
3.	Member of Discipline Committee	2023 – 2025

4. MEMBERSHIP IN PROFESSIONAL / OTHER BODIES / COMMITTEES

S. No.	Name of the Position	Name of the Institution	Duration
1.	Question Setter	Bharathidasan University, Trichy	2025
2.	Examiner	Fatima College, Madurai	2021-2022
3.	Examiner	Lady Doak College, Madurai	2019-2020

5. AREAS OF SPECIALIZATION

- ❖ **DIGITAL IMAGE PROCESSING**
- ❖ **JAVA PROGRAMMING**
- ❖ **WEB TECHNOLOGY**
- ❖ **PYTHON PROGRAMMING**
- ❖ **DATA STRUCTURES AND ALGORITHMS**
- ❖ **DATABASE MANAGEMENT SYSTEM**

6. ORIENTATION/REFRESHER/TRAINING PROGRAMMES/FDP ATTENDED

S. No.	Programme	Theme	Organized by	Date
1.	Internship	Internship on Cloud Computing Using AWS	Reccsar Private Limited, Madurai	Jan. 16 - 23, 2025
2.	FDP	FDP on AI Tools	Brainovision Solutions Pvt Ltd in association with All India Council for Technical Education (AICTE)	Feb. 17 - 21, 2025
3.	FDP	FDP on "Deep Dive into Deep Learning: Tools and Techniques"	Department of Information Technology, Velammal Institute of Technology, Chennai.	Jan. 27 - 31, 2025
4.	FIP	Four-Day Faculty Induction Programme	IQAC, Fatima College, Madurai	Aug. 28 - 31, 2024
5.	FDP	International FDP on Exploring New Frontiers in Teaching Tools, AI and Data Analytics	Dept. of MCA, Measi Institute of Information Technology, Chennai.	July 29 - Aug. 02, 2024
6.	FDP	International FDP and training Program on Practicing Analytics with Data Science	School of Computer Studies, CRM University, Karnataka	July 08 - 12, 2024
7.	FDP	ICT FDP on "Microsoft Power Bi Data Analyst Associate"	ICT Academy at Nadar Mahajana Sangam S. Vellaichamy Nadar College.	May 27 - 31, 2024
8.	FDP	FDP on "Effect on Generative AI in Modern Research and Industry"	Department of Computer Science, Sister Nivedita University.	Apr. 29 - May 03, 2024
9.	FDP	Faculty Development Program on "Research Innovations, Patenting & Quality Publications"	Department of MCA, Fatima College, Madurai.	Feb. 26 - 28, 2024
10.	FDP	Faculty Development Program on "The Future of Generative AI in Academic Research and Publishing"	Department of Computer Application and Science, Institute of Engineering and Management.	Jan. 02 - 06, 2024

S. No.	Programme	Theme	Organized by	Date
11.	FDP	Faculty Development Program on “Edge Cutting Technologies in IT Field”	PG Department of Computer Science, Rajapalayam Raju’s College in collaboration with IGL Handon Private Limited, USA.	Sep. 19 - 23, 2023
12.	FDP	OneWeek National Level Faculty Development Program on "Cloud Infrastructure (Aws)"	KG College of Arts and Science in collaboration with Brainovision Solutions India Pvt Ltd.	Aug. 21 - 25, 2023
13.	FDP	Recent Advancements in Computing Technology	Sri S. Ramasamy Naidu Memorial College, Virudhunagar	Feb. 13 - 17, 2023
14.	FDP	Evolution of Data Warehousing and Data Analytics	SRM Institute of Science and Technology, Chennai	June 29, 2020

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

S. No.	Programme & Theme	Organized by	Date	Title of the Paper
1.	International Conference on AI-Innovations & Impact on Beta Gen	Department of Computer Science, MCA, Computer Applications & Information Technology, Fatima College Madurai	Feb. 14 - 15, 2025	A study on the Frasibility of Stenography and Hashing in DICOM medical images
2.	National Conference on "Robotics & Automation"	Department of Information Technology & Management, Arul Anandar College	Feb. 23, 2024	AI-Driven Automation for Medical Image Comparison: Techniques, Challenges and Advancements
3.	International Conference on “Virtual Reality Techniques”	Fatima College, Madurai	Aug. 03, 2018	Comparison of Threshold and Watershed Segmentation in Tumor Detection
4.	International Conference on “Global Talent Management in the Digital Era”	Fatima College, Madurai	Sep. 13, 2017	Cloud Computing: Security Issues and Platforms

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

S. No.	Programme & Theme	Organized by	Date
1.	Workshop on Natural Language Processing	Reccsar, Private Ltd, Madurai.	Nov. 24, 2024
2.	Workshop on Deep Learning	Reccsar, Private Ltd, Madurai	Nov. 17, 2024
3.	National Webinar on "A Gui Way to Learn Machine Learning: An Interdisciplinary Workshop for Researchers"	Annai Vailankanni College of Engineering, Kanyakumari and SanSnow’s Nobel Professional Foundation.	Mar. 01, 2024
4.	National Webinar on "AI for Teachers"	Suchithra Manikandan Personality Development Trainer	Feb. 18, 2024
5.	Workshop on "Case Study Data Science and Ai Application"	Department of Computer Applications, Sri Meenakshi Government Arts College for Women.	Aug. 30, 2023
6.	Webinar on “An Insight into Nanotechnology”	Government Arts College (Autonomous), Salem	June 20, 2020
7.	International Webinar on “Defining Research Problem in Research Methodology	Panimalar Institute of Technology, Chennai	June 17, 2020
8.	Webinar on “Convolutional Neural Network for Image Processing”	Mookambigai College of Engineering, Kalamavur	June 17, 2020

S. No.	Programme & Theme	Organized by	Date
9.	Webinar on “Research Trends in Digital Image Processing”	Sri Krishnasamy Arts and Science College, Sattur	June 16, 2020
10.	National Level Webinar on “Road Map to Academic Research and Hidden Opportunities”	St. Xavier’s College (Autonomous), Palayamkottai	June 15, 2020
11.	Webinar on “Cyber Security Trends in 2020 and Beyond”	The American College, Madurai	June 13, 2020
12.	Webinar on “Emerging Trends of Sap in ERP System”	Mookambigai College of Engineering, Kalamavur	June 13, 2020
13.	National Level Webinar “Introduction to Data Science”	Mannar Thirumalai Naicker College, Madurai.	June 11, 2020
14.	Live Webinar on “Role of IQAC in Maintaining Quality Standards in Higher Education”	Government Arts College for Women, Nilakottai	June 11, 2020
15.	Seminar on “Python Professional”	Winways Infomatics Pvt. Ltd.,	June 9, 2020
16.	Webinar on “Research Issues in Digital Image Processing”	Government Arts and Science College, Kovilpatti	June 05, 2020
17.	Webinar on “Recent Trends in Information Technology”	CMS College of Engineering and Technology, Coimbatore	June 03 - 05, 2020
18.	Webinar on “Augmented Reality and Extended Reality”	PSG College of Technology, Coimbatore.	May 29, 2020
19.	Webinar on “Digital Tools for Video Content Development”	University Constituent Arts and Science College, Kallakurichi	May 28, 2020
20.	National Level Webinar on “IoT and It’s Application”	SLS.MAVMM. Ayira Vaisyar College, Madurai.	May 27, 2020
21.	Webinar on “Recent Trends and Research Opportunities in 5G & Beyond”	SRM Institute of Science and Technology, Kattankulathur	May 25 - 27, 2020
22.	National Workshop on “The Next Age Teaching Technology-More Human than Ever”	Lady Doak College, Madurai	Feb. 20, 2019
23.	International Conference on “Big Data Analytics and Intelligent Technologies”	Madurai Kamaraj University Madurai	Mar. 21, 2018
24.	National Seminar on “Cyber Crimes and Security Issues in Digital World”	Madurai Kamaraj University Madurai	Feb. 26, 2018
25.	Workshop on “Bigdata Analytics R-Tool”	Madurai Kamaraj University Madurai	Jan. 19, 2018
26.	Workshop on “Android Application”	System Domain, Madurai	Oct. 23, 2016
27.	National Conference on “Ambient Computing Technologies”	Fatima College, Madurai	Sep. 16, 2016
28.	Workshop on “Big Data”	Rock Spark Info Media, Madurai	Feb. 10, 2015
29.	National Seminar on “The Competitive Edge- Powerful Applications of ERP and SAP”	Fatima College, Madurai	Feb. 22, 2013