

**Name** : M.Loganayaki  
**Designation** : Assistant Professor  
**Department** : B.Sc CS (AI)  
**Qualification** : M.sc.,Mphil.,(P.hd)  
**Experience** : Teaching -3.5 Years  
**Research** : 1 Years  
**Area of Specialization(s)** : Digital Image Processing, DataMining  
**Email(OfficialID)** : Loganayakim@psgrkcw.ac.in



#### Academic Qualifications

Degree	Branch	Institution/UniversityName	Year of Graduation
Ph.D.	Computer Science	PSGR Krishnammal College for women	Pursing
M.Phil.	Computer Science	Bharathiar University	2018
M. Sc.	Computer Science	Bharathiar University	2016
B.Sc.	Computer Science	NGM college, Pollachi	2014

#### Additional Qualifications

Diploma/ Vocational/ Certification	Area of Specialization	Institution/University/AgencyName	Year
Certification	Coursera	1. Introduction to Relational Database and SQL held on 3.1.2023 2. Create Digital Marketing Visualizations in Python held on 1.1.2023 3. Web development using php/mysql held on 14.11.2023	3.1.2023 1.1.2023 14.11.2023
Certification	NPTEL	1. Awarded the Mentor certificate from Nptel for “Database Management System”	2024
Certification	NPTEL	2) Awarded the Mentor certificate from Nptel for “Enhancing soft skills and personality”	2023

#### Research Publications (Indexed)

International

- 1) "Brain Tumor Identification Using Multiatlas Technique" International Journal of Recent Technology and Engineering (IJRTE), Blue Eyes Intelligence Engineering & Sciences Publication, Scopus indexed.
- 2) Conferences attended and presented a paper entitled "An overview of image processing techniques" 3<sup>rd</sup> international conference on advance computer science and information technology (IRCACSIT'18) held on 15<sup>th</sup> September 2018, ISBN 978-93-5311-228-8 organized by KG college of arts and science, Coimbatore.
- 3) Conferences attended and presented a paper entitled "A Survey on Fruit Disease Identification using Image Processing Techniques Proceedings of the 5th International Conference on Ubiquitous Computing and Intelligent Information Systems (ICUIS-2025) held on 26 to 28 Nov 2025 DVD Part Number: CFP25UG3-DVD; ISBN: 979-8-3315-5283-1(Presented) Scopus Indexing.

#### **Acted as a Resource Person**

GEN AI tools acted as Resource person on 14.06.2024, 22.07.2024 at PSGR Krishnammal college for women

#### **Paper Presentations in Conference**

##### **International**

- 1) International Conference "AI for social impact" held on 10/01/2024 at St Aloysius College, Bangalore
- 2) International Conference on Advances in Artificial Intelligence and Machine Learning "The Era of Spatial Computing: Apple Vision Pro" held on 22 March 2024, ISBN 978-93-6126-921-9 at PSGR Krishnammal College for Women
- 3) International Conference on Advances in Artificial Intelligence and Machine Learning "Human-In-The-Loop Machine Learning: A Survey of Recent Advances" held on 22 March 2024, ISBN 978-93-6126-921-9 at PSGR Krishnammal College for Women
- 4) International Conference on Advances in Artificial Intelligence and Machine Learning "AI for Social Good: Implementing AI in the Process of Drug Consolation" held on 23 March 2024 ISBN 978-93-6126-921-9 at PSGR Krishnammal College for Women
- 5) International Conference on Advances in Artificial Intelligence and Machine Learning "Impact of AI in Business" ISBN 978-93-6126-921-9 held on 23 March 2024 at PSGR Krishnammal College for Women
- 6) International Conference on Advanced Computing "Next-Gen Smart Wheelchair" held on 26<sup>th</sup>, 27<sup>th</sup> Sep 2024 at Bharathiar University
- 7) International Conference on "Intelligent Automation & Next Gen Innovation" held on 10<sup>th</sup> Jan 2025 at PSG college of arts and science
- 8) International Conference on "AI Tools for Tamil" Comparative Analysis of AI Tools for Tamil Language Processing held on 24 June at PSGR Krishnammal college for women

##### **National**

- 1) National Conference AI at “The wheel: Design and Implementation of Self Driving Cars using Artificial Intelligence” held on 30/01/2024 at Sri Ramakrishna College of Arts & Science

### **Presentations in Seminar**

Attended more than 10 Seminars at National and International level.

### **Participation in Workshop**

Attended more than 10 workshops in National and International level.

### **Participation in Faculty Development Programme**

Attended more than 20 FDP in National and International level.

### **Participation in Webinar**

Attended more than 5 Webinar in National and International level.

### **Conference/Seminar/Workshop Organized**

1. Organized Five Days National Level Virtual Faculty Development Programme on “ Innovative Trends in Artificial Intelligence for Teaching and Research” from 27 - 31, January-2025.

### **Awards/Honors**

Awards/Honors	Agency/Institute	Year of Award
Best Mentor	NPTEL	2023, 2024

### **Indexing and Citations**

**Citations - 1**

**H-Index - 1**

### **Contribution**

- Acting as a Coordinator for Placement since 2024 on wards
- Acting as a JOC in charge 2024 on wards
- Acting as an Association incharge on 2022,2023
- Acting as an student Achievement in charge on 2022,2023
- Acting as an Department counselling meeting in charge on 2022,2023
- Acting as an Admission Coordinator
- Acting as an Adjunct Faculty incharge on 2022,2023
- Acting as an CIIED In-charge
- Acted as Computational Sciences Cluster - Newsletter Co-coordinator for the academic year 2022-2023,2023-2024.
- Acting as a Faculty Feedback in charge
- Involved in Inter-disciplinary final year projects - 2024-2025, 2025-2026
- Acting as an class tutor on 2023 batch