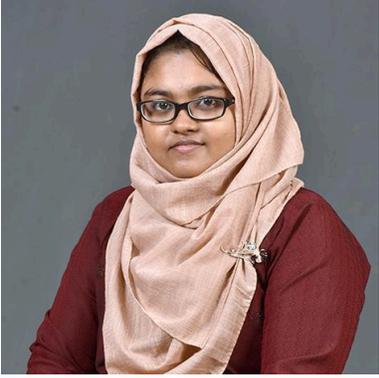


Name & Photo :	<p style="text-align: center;">FATHIMA MUBARAKKAA.M</p> 
Designation:	Assistant Professor
Qualification :	B.E. (CSE), M.E. (CSE)
Area of Specialization :	Image Processing, Machine Learning
Experience :	Teaching :6 Years 4 Months
	Industry : Nil
No. of workshop / Conferences / FDP attended	Conferences :12 FDP : 17
Publication :	Journal International : 12
Conference :	International : 12
Patent:	3
ACTIVITIES AT SAIRAM:	Google development club (CAPTAIN). Department Creative Innovator Department CULTURAL Coordinator, NPTEL course incharge.
General :	<ul style="list-style-type: none"> ● University rank holder in M.E. ● Life time Membership in International Association of Engineers (IAENG). ● Membership in IEEE ● Maintaining a youtube channel as 'KARPOM KARPIPOM' & 'CSE LECTURE WORLD' ● Published paper in reputed international journals ● Presented paper in international conferences

Professional Experience:

Sl. No	College / Organization	Designation	Period	
			From	To
1.	Sri Sai Ram Engineering College	Assistant Professor	06-08-2020	Till Date
2.	National College of Engineering	Assistant Professor	09-07-2018	19-07-2019
3.	Einstein college of Engineering	Assistant Professor	07-12-2017	07-05-2018

FDP, WORKSHOP, SEMINARS		
Name of the Program	Organized by	Date
FDP		
International FDP Progresses in Computer Science & its Applications	Vels Institute of science, Technology & Advanced Studies Chennai	JULY 7-14 2021
AICTE FDP -Inculcating Universal Human Values in Technical Education”	ALL INDIA COUNCIL FOR TECHNICAL EDUCATION NELSON MANDELA MARG, VASANT KUNJ, NEW DELHI	JUNE 28- JULY 2
FDP on “Machine Learning and Deep Learning-Research and Application Perspectives”	SRM Institute of Science and Technology, Chennai	APRIL 26-30 2021
AICTE FDP -Teaching Learning Methods Towards Outcome Based Education	Velammal Institute of Technology, Chennai.	FEBRUARY 10-23 2021
ATAL FDP on Machine Learning	IIT, Dharwad	January 18-22 2021
ATAL FDP on Data Science	Amity Institute of Information Technology, Lucknow	December 14 – 18 2020
ATAL FDP on Internet of	IIT Trichy	November 23 – 27 2020

Things		
ATAL FDP on Cyber Physical Systems	IIT Pune	November 7 – 11 2020
ATAL FDP on Computer Science and Biology	SRM Institute of Science and Technology, Chennai	November 2 – 6 2020
Research Perspectives in Machine Intelligence and Computing	Sri Sai Ram Institute of Technology, Chennai	October 27 – 31 2020
Python skills	Anna University, Chennai	June 18 – 19 2020
Frontiers of Intelligence: Next-Gen Technologies Shaping the Future Research	Sri Sai Ram Engineering \college	May 26-May 30 2025
STTP		
Digital Farming Exploration with AI	Vivekanandha College of Technology for Women, Tiruchengode	November 16 – 21 2020
Artificial Intelligence And Deep Learning Techniques	B.S Abdul Rahman Crescent Institute of Science and Technology, Chennai	November 30 – 5 December 2020
Feature Analysis Using AI/ML	Sri Krishna College of Engineering and Technology, coimbatore	DECEMBER 07 DECEMBER 12 2020
Internet of Things with Block chain-Application and Challenges	Velalar college of Engineering and Technology, Erode	APRIL 4-APRIL 9 2021
AICTE-Speech and Image Processing Using Deep Learning Techniques	Annamalai University	March 3- March 9 2021
Seminar/Webinar		
Adventures of particle physicists	Francis Xavier Engineering college	June 20 -2020
Robotic Process Automation	National college of Engineering	Sep 11- 2020
Quantitative Data Analysis in R using STATCRAFT	Sri Sivasubramaniya Nadar College of Engineering, chennai	Nov 11-2020
Copyright is an Intellectual Property	Sri Sai Ram Engineering College, Chennai	Jan 28-2021
Motion Control of Minimally Invasive Surgical Robots	IEEE MYSORE SUB SECTION	Feb 16- 2021.
Implementation Of National Education Policy	Sathyabama Institute of Science and Technology, Chennai	Apr 23-2021
IOT and Embedded Systems	H.K.E society's S.L.N college of engineering	June 8 -2021

Augmented Reality and Virtual Reality	NITTE Meenakshi Institute of Technology	June 7 -2021
Cyber Security	Guru NANAK DEv Engineering college	June 7-2021
Recent Trends in Automated Testing	Sathyabama Institute of Science and Technology,Chenna	Jan 25 -2021
Communication with MatLab	Jain University	June 4-2021

JOURNALS & PUBLICATIONS:

1. Published paper in **INTERNATIONAL JOURNAL OF ADVANCED RESEARCH TRENDS IN ENGINEERING AND TECHNOLOGY**, Volume 4 , Issue 10, March 2017 titled **“GLIOBLASTOMA BRAIN TUMOR MODELING APPROACH”**.
2. Published paper in **JOURNAL OF WEB DEVELOPMENT AND WEB DESIGN-MAT JOURNAL** , Volume 3 , Issue 3, Jan 2018 titled **“By using Internet of Things Analysis of Waste Monitoring System”**
3. Published a paper in 2022 4th International Conference on Smart Systems and Inventive Technology (ICSSIT), IEEE Xplore, 10.1109/ICSSIT53264.2022.9716333 - SCOPUS indexed, Jan 2022 titled **“Detection of Corn Leaf Blight Using Convolutional Neural Networks”**.
4. Published a paper in 2023 Intelligent Computing and Control for Engineering and Business Systems (ICCEBS), IEEE Xplore, 10.1109/ICCEBS58601.2023.10449133 - SCOPUS indexed, March 2024 titled **“Location Based Disaster Report”**.
5. Published a paper in **2022 1st International Conference on Computational Science and Technology (ICCST)**, IEEE Xplore, 10.1109/ICCST55948.2022.10040468 - SCOPUS indexed, March 2023 titled **“The Convergence of Traffic Management System”**.
6. Published a paper in **2024 International Conference on Power, Energy, Control and Transmission Systems (ICPECTS)**, IEEE Xplore, 10.1109/ICPECTS62210.2024.10780033- SCOPUS indexed, December 2024 titled **“OCR based transliteration of Brahmi to Tamil using CNN”**.
7. Published a paper in **2023 Intelligent Computing and Control for Engineering and Business Systems (ICCEBS)**, IEEE Xplore, 10.1109/ICCEBS58601.2023.10449329-SCOPUS indexed, March 2024 titled **“Using a Machine Learning Algorithm and Fundus Images to Treat Diabetic Retinopathy”**.
8. Published a paper in **2023 Intelligent Computing and Control for Engineering and Business Systems (ICCEBS)**, IEEE Xplore, 10.1109/ICCEBS58601.2023.10448899-SCOPUS indexed, March 2024 titled **“Track the Stop”**.
9. Published a paper in **2025 International Conference on Computing and Communication Technologies (ICCCT)**, IEEE Xplore, 10.1109/ICCCT63501.2025.11019134-SCOPUS

indexed, June 2025 titled “**AcciRadar: Real Time Automatic Accident Detection and Reporting Framework**”.

10. Published a paper in **2025 3rd International Conference on Intelligent Cyber Physical Systems and Internet of Things (ICoICI)**, 10.1109/ICoICI65217.2025.11254309-SCOPUS indexed, December 2025 titled “**Real Time Detection System for Leaf-based Plant Disease using YOLOv8**”.

PATENT DETAILS:

1. Filed and Published Indian patent on the innovation titled “**ML and DL Techniques based Breast- Cancer discovery by using Relative-Analysis**” (Application No. 202241006231) on 05/02/2022.
2. Filed and Published Indian patent on the innovation titled “**ARTIFICIAL INTELLIGENCE BASED SMART ROAD CLEANING ROBOT**” (Application No. 202241057430 A) on 14.10.2022.
3. Filed and Published Indian patent on the innovation titled “**Acciradar: Real Time Automatic Accident Detection and Reporting Framework**” (Application No. 202541114750) on 16.01.2026.

BOOK CHAPTER:

1. Published a Book Chapter “**Comparative analysis of machine learning models for diabetic retinopathy detection**” in **Innovations in Computer Vision, Communication Systems, and Computational Intelligence** (Taylor & Francis, CRC Press). DOI: 10.1201/9781003724988.

BOOK PUBLICATION :

1. Published a Book in the name **DATA STRUCTURES** published by **CHARULATHA PUBLICATIONS** ISBN: 978-93-6260-821-5

Professional proficiency :

1. [nasrinword.wordpress.com](https://www.nasrinword.wordpress.com) (CSE ALL SUBJECTS NOTES)
2. [youtube/channel/UCgaStWeRI7UVviNe3wuBrog](https://www.youtube.com/channel/UCgaStWeRI7UVviNe3wuBrog) - Cse Lecturer world (CSE SUBJECTS)
3. [youtube/channel/UCoyV6Pq5e0HdHg3riOWuUnw](https://www.youtube.com/channel/UCoyV6Pq5e0HdHg3riOWuUnw) - karpomkarpipom (COMPETITIVE EXAMS)