STAFF PROFILE

A.ANANTHAKUMARI

Assistant Professor

Computer Science and Engineering

Dr. G. U. Pope College of Engineering

Sawyepuram

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Qualification

Degree	Branch	Institution	Year of Passing
B.E	Computer Science and Engineering	Jayaraj Annapackiam CSI College of Engineering, Nazareth. TamilNadu.	2007
M.Tech	Computer and Information Technology	Manonmanium Sundaranar University, Thirunelveli.	2011
Phd	Information and Communication Engineering	Anna University	-

PhD Details:

Title of Thesis: Diagnosis of pathological cervical cancer Images using Machine Learning Algorithms

Area of Specialization: Image Processing

Work Experience

Name of the Institution	Designation	From	To
PSN College of Engineering and Technology,Thirunelveli	Lecturer/IT	18.03.2010	02.11.2012
Dr.G.U Pope College of Engineering	AP/CSE	02.07.2018	Till date

Contributions

1	**Conferences/ Workshops/ Seminars Attended**	14
2	**Research Papers presented**	
3	**Publications in Journals**	3
4	**Publications in Books**	
5	**Conferences/ Workshops/ Seminars Organized**	
6	**Research Projects**	
7	**Resource Person**	
8	**Patent**	1
9	**Professional Membership**	
10	**Extension Activities Undertaken**	

Conferences/ Workshops/ Seminars Attended

1. Finger vein and iris pattern based authentication system using ML – ICCT'23

2. Diagnosis of pathological cervical cancer images using machine learning algorithms-ICCT'23

3.Corner Detection and Accident Alert App-ICCT'20

4.Efficient Scale Adaptive License plate Detection system-Recent trends in ICE2019

5. Finger vein and iris pattern based authentication system using ML-ICFDTSD2023

6.FDP on Neural Network-held on 01.09.2023&02.09.2023 in Nehru Institute of Engineering and Technology

7.FDP on Embedded Systems and IoT held on 10.07.2023 to 14.07.2023 in Jeyaraj Annapackiam CSI College of Engineering.

8.Webinar on Technology for Education of Today and Tommorrow on 25.06.2020

9.National Seminar on Future of AI held on 07.03.2023 in A.P.C MahaLakshmi College for Women

10.Webinar on Python programming held on 29.05.2020 in Jeyaraj Annapackiam CSI College of Engineering

11.Webinar on Future of Robotics and AI held on 23.05.2020

12.Webinar on Red hat Linux held on 03.06.2020

13.Webinar on Cloud Computing Lab held on 29.06.2020 to 03.07.2020

14.National level FDP on Cloud Infrastructure organized by Francis Xavier Engineering college in collaboration with Brainovision Solutions India Pvt Ltd and AICTE-21.08.2023 to 25.08.2023.

Publications in Journals

1. **Diabetes Prediction Using Different Machine Learning Approaches-**Journal of Data Acquisition and Processing.
2. **Clustering Algorithm for Wireless Sensor Network Energy Efficient In Load Distribution-** Journal of Data Acquisition and Processing.
3. **Texture Analysis of Histopathological Images to identify anomalous Region-**International Journal of Management IT and Engineering-2013

Patent

1. **SMART NON-INVASIVE BLOOD GLUCOSE MONITORING DEVICE FOR DIABETES PATIENT-**IPR No202241044319 dated 12.08.2022