

Name: C.ESTHER				
Designation:	Assistant Professor			
Qualification:	B.E (Computer Science and Engineering), M.E (Computer Science and Engineering			
Area of specialization:	Artificial Intelligence and Machine Learning			
Experience:	Industrial Experience		Teaching Experience	
	Nil		8 years & 9 months	
Number of workshops / FDP attended:	Number of Workshops		Number of FDPs	
	2		13	
Publications:	Conference		Journal	
	National	International	National	International
	1	9	1	-
Patents:	National		International	
	6		NIL	
Professional Body Membership	1.IEEE Membership 2.IEI Membership			
Awards and Achievements	1.Received “Best Faculty Advisor Award 2023” awarded			

	by The Institution of Engineers(India) hosur Local centre on the event “World Engineering Day ENARKLE -2k23”. 2.Receieved as “NPTEL DISCIPLINE STAR” award for the performance in Nptel courses
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LIST OF CONFERENCE PAPERS:

- Trustworthy Cloud Storage Data Protection based on Blockchain Technology published on 2022 International Conference on Edge Computing and Application(ICECAA)
- A Survey on Software Defined Architecture for Underwater Wireless Sensor Networks published on 2021/12/16 in 4th International Conference on Computing and Communications Technologies (ICCCT)
- State-of-the-art recent technologies, background, terminologies, challenges: a preliminary survey on big data in Turkish Journal of Computer On 2022
- Behavioral Analysis of Dog using Machine Learning published on 2023/12/14 2023 Intelligent Computing and Control for Engineering and Business Systems (ICCEBS)
- Site-Specific Crop Management published on 2023/12/14 2023 Intelligent Computing and Control for Engineering and Business Systems (ICCEBS)
- Exploring Novel CNN Architectures for Deep Learning-Based Liver Tumor Occurrence Prediction published on 2023/12/14 2023 Intelligent Computing and Control for Engineering and Business Systems (ICCEBS)
- Arduino Child Caring Robot published on 2024/10/8 2024 International Conference on Power, Energy, Control and Transmission Systems (ICPECTS)
- Fine-Tuning Private GPT For Better Performance And Data Privacy published on 2024/10/8 2024 International Conference on Power, Energy, Control and Transmission Systems (ICPECTS)
- Effective Farming for Zero Wastage and Enhancement of Farmer’s Income published on 2024/10/8 2024 International Conference on Power, Energy, Control and Transmission Systems (ICPECTS). 2025
- Deep Learning Technique for Medicinal Plant Leaf Identification: Using Fine-Tuning of Transfer Learning Model published on 2024/10/8 2024 International Conference on Power, Energy, Control and Transmission Systems (ICPECTS)

List of Books Published:

1. Book titled with “Novel Cutting-Edge Security Tools for Medical and Genomic Data With Privacy Preservation Techniques” ,Book Editor(s):Amit Kumar Tyagi, published on 17 October 2023 .
2. Book titled with “Artificial Intelligence” at Charulatha Publications on January 2025.
3. Book titled with “Machine Learning Techniques ” at Charulatha Publications on January 2025.

List of Patents Published:

1. ANTI Jamming Vehicle communication with machine learning techniques on 2022
2. A Novel Multi-Scale Mechanism for Students Placement Prediction Using Sentiment Analysis in Machine Learning on 2024
3. To Develop an Artificial Intelligence (AI) Enabled Real Time Music Recommendation System on 2024
4. Design and Implementation of Hybrid Approach to Predict Plant Diseases using Internet of Things (IoT) on 2024
5. SORA NA HIKARI on November 2024
6. Safe Jack a smart protector on December 2024

GUEST LECTURES DELIVERED:

- **Faculty Development Program on “Theory of Computation** “sponsored by Centre for Faculty Development Anna University-Chennai at Mohamed Sathak College of Engineering on 21- 06-2015 to 23-06-2015.
- **Faculty Development Program on “Principles of Compiler Design** by Centre for Faculty Development Anna University-Chennai at Mohamed Sathak College of Engineering on 03-01-2016 to 04-01-2016.

SEMINARS /WORKSHOP/CONFERENCE ORGANIZED:

- National level Symposium organized on November 2021 “AIRO 0.1”
- Organized an Mini Project Expo on March 2023 at Sri Sairam Engineering College.

Educational Qualification:

- M.E Computer Science Engineering, **AMACE Kanchipuram, 2011, 1st Class (7.4 CGPA)**
- B.E Computer Science Engineering, **Thirumalai Engineering College, 2009, 1st Class (78 %)**
- Higher Secondary –Infant Jesus Matric Hr. Sec. School Kanchipuram, **2005-Year of passing, with Ist Class (68%).**
- SSLC - Infant Jesus Matric Hr. Sec. School Kanchipuram, **2003-Year of passing, with Ist Class (72%).**

Declaration:

I hereby declare that all the above information provided by me is true to the best of my Knowledge.

(C. Esther)

