Name: D Deepa

Degree: M.E., (PhD)

Designation: Assistant Professor

Experience: 9 years 7 months

Area of Specialization: Artificial Intelligence, Data Science

Contact (Email id): deepad@stjosephs.ac.in

Subjects Handled:

1. **Data Mining**
2. **Internet Programming**
3. **Programming in C**
4. **Object Oriented Programming**
5. **Modern Scripting Languages**
6. **Problem Solving and Python Programming**
7. **Data Structures**
8. **Operating Systems**
9. **Computer Graphics**
10. **Mobile Computing**

Publications (Journals & Conferences):

IEEE Conference:

D. Deepa, "Improved Pulse Coupled Neural Network based on Maximize SNR for Vessel Extraction," *2024 International Conference on Advancements in Power, Communication and Intelligent Systems (APCI)*, KANNUR, India, 2024, pp. 1-4, doi: 10.1109/APCI61480.2024.10617283. **(Scopus Indexed)**

Journals: (UGC)

- **Prohibition of Phishing Attacks in Banking using Visual Cryptography and One-Time Password in IJIRCCE, Volume 5, Issue 2, February 2017.**
- **Digital License Card Using Data mining in IJARIIE, Volume 3, Issue 1, 2017.**
- **Efficient management of RDF data in IJARIIE, Volume 3, Issue 1, 2017**
- **Framework for secure data sharing in dynamic group using Public cloud in IJRASET, Volume 6, Issue III, 2018**

- **Reliable Packet Delivery Schema using distribute cooperative access point in IJAETMAS, Volume 05 - Issue 03, 2018**

International Conference

- **"A Distributed Approach for Outlier Detection Using Sub Nodes" project paper was presented at international level in "AMC Engineering College", Bangalore.**

National Conference

- **"Detection and Removal of Outliers from Large Datasets using Sub servers" project paper was presented at national conference in "Bharathiyar Institute of Engineering for Women", Salem.**

Book Chapters: Nil

Patents Published: 3

- **Patent (IPR) Published title on "**Artificial Intelligent and Cloud Based Conversational Robot for Blind People Assistance" published on 08.09.2023
  Application Number: 202341058256

- **Patent (IPR) Published title on** "Artificial Intelligence Based Prediction System to Predict Stock Market Index Price and Crypto Currency Closing Price Using Machine Learning Algorithms" published on "15.12.2023"
  Application Number: 202341073042

- **Patent (IPR) Published title on "**Smart Robotic Arm with Machine Learning for Adaptive Construction And Structural Assembly Tasks" published on "20.12.2024"
  Application Number: 202441098617

FDP Organized: Nil

Funded Projects: Nil

Google Scholar ID: https://scholar.google.com/citations?hl=en&user=zx2ex5sAAAAJ

Scopus ID: https://orcid.org/0009-0006-9465-7995

WOS researcher ID: nil