Name:	**Mr. A. VIJAYAN**
Designation:	Assistant Professor CSE (AI&ML)
Qualification:	B.Tech (C.S.E)., M.E.(C.S.E)
Area of specialization:	Operating System, Data Science and Engineering, Artificial Intelligence and Machine Learning, Computer Networks, Web Development

Experience : **(As on May 2024)**	**Industrial**	**Research**	**Teaching Experience**	
	-	-	19 Years	

Number of workshop / FDP attended:	**Number of Workshops**		**Number of FDPs**	
	6		2	

Publications:	**Conference**		**Journal**	
	National	**International**	**National**	**International**
	6	-	3	-

Patents:	**National**	**International**
	-	-

Professional Body Membership:	- Membership MIE (Member of "The Institution of Engineers") - Membership MISTE (Member of Indian Society for Technical Education - IEEE Membership in the following Society's - Engineering in Medicine and Biology Society (EMBS). - IEEE Education Society. - Computational Intelligence Society. - Dielectrics and Electrical Insulation Society.

Achievements:	• Produced 100 % result in Software Testing and Automation.
	• Produce 100% result in Operating System
	• Produce 100% result in Compiler Design
	• Produce 100% result in Database Management System.
	• Produce 100% result in Distributed Computing.
	• Produce 100% result in Data Exploration and Visualization.
	• Produce 100% result in Computer Networks.
	• Produce 98% result in Object Oriented Software Engineering.
	• Produce 98% result in Programming in C.
	• Produce 95% result in Data Structures.
	• Produce 95% result in Theory of Computation.

Publication in Conferences:

1. Presented a paper titled "*A survey on security issues in cloud computing*", in the National Conference on"Recent Enhancement in advanced computing technologies (NC-REACT)" held on 09th March 2019, Anna University, Tamil Nadu.

2. Presented a paper titled "*Block box system for accident analysis in automobiles*", in the National Conference on" Recent Enhancement in advanced computing technologies (NC-REACT)" held on 24th March 2018, Anna University, Tamil Nadu.

3. Presented a paper titled "*A revamp authentication system for E-banking*", in the National Conference on" Recent Enhancement in advanced computing technologies (NC-REACT)" held on 18th March 2017, Anna University, Tamil Nadu.

4. Presented a paper titled "*Location of fovea center using thresholding and region feature methods*", in the National Conference on" Recent Enhancement in advanced computing technologies (NC-REACT)" held on 18th March 2017, Anna University, Tamil Nadu.

5. Presented a paper titled "*Effective handling of bigdata with no sql*", in the National Conference on" Recent Enhancement in advanced computing technologies (NC-REACT)" held on 02nd April 2016, Anna University, Tamil Nadu.

6. Presented a paper titled "*Secure framework for private data protection in big data environment using classification technique*", in the National Conference on"Recent Enhancement in advanced computing technologies (NC-REACT)" held on 02nd April 2016, Anna University, Tamil Nadu.

Publication in Journals:

1. "**ADVANCED IOT ALGORITHM FOR RESOURCE AND POWER CONSTRAINED DEVICE**", International Journal of Science and Innovative Engineering and Technology, Vol. 10, (3 july2021), pp. 98-93-8128848-4.

2. "**UNIQUE STUDENT IDENTITY AND STUDENT PLACEMENT SYSTEM**", International Research Journal of Engineering and Technology (IRJET), 9 September 2023, vol.10,P-ISSN:2395-0072.

3. "**CROP FORECASTING METHOD BASED ON MACHINE LEARNING**", International Journal of Creative Research Thought (IJCRT), 8 august 2024, vol.12, ISSN:2320-2882.

Workshop/FDP Details:

1. Attended Six days Faculty Development programme on "Automation tools for AI" held at Sri Sai Ram Engineering College.

2. Attended Faculty Development programme on "Image processing" held at Aarupadai Veedu Institute of Technology.

3. Attended seven days Faculty Development programme on the Course "UNITY" through Naan Mudhalvan program held at Anna University.

4. Attended IOT Faculty Development Program training held in IBM career education.

5. "One Week National Level Online Faculty Development Program on Functional Materials" organized by the Department of Science and Humanities, T.J.S. Engineering College, during 22-26 May 2023.

6. Attended seven days Faculty Development programme on the Course "Neural Network & Deep Learning" through Naan Mudhalvan program held at Anna University in the year 2024.

7. Attended seven days Faculty Development programme on the Course "AWS" through Naan Mudhalvan program held at Anna University in June 2024.

Additional Responsibilities/ Extra Curricular Activities

1. IEEE department coordinator @sairam Engineering college
2. HOD(I/C) @ TJS Engineering college
3. NAAC Co-Ordinator /Department
4. WEBSITE Co-Ordinator
5. ERP Co-Ordinator
6. ISO Co-Ordinator
7. Involved in Students Projects and coordinator of Symposium.
8. Arranging Guest Lectures and Coordinator of in Plant training.
9. Master of Engineering Co-Ordinator