Name: P. Devika

Designation: Assistant Professor

Department: Cys, Ds & (AI&DS)

Mail I'd: Devika_p@vnrvjiet.in

Experience (in years):   15   Teaching: 15   Research: NIL   Others(if any, specify): NIL

1. Educational / Technical qualifications:

S.No	Level (UG / PG / Ph.D)	Year of passing	Specialization
1	UG	2007	CSE
2	PG	2010	CSE
3	Ph.D(pursuing)		CSE

2. Teaching and Learning:

2.1. Teaching Interests:

1. 'C' language and Data structures.

2. Object Oriented Programming through JAVA, C++.

3. Advanced Data Structures.

4. Operating Systems.

5. DBMS.

6. Software Engineering.

7. Principles of programming Languages.

8. Artificial Intelligence

9. Data mining

10. Computer networks

11. Human computer interaction

2.2 Novel Teaching & Learning Techniques adopted:
   a) Project-Based Learning (PBL): PBL involves students working on an extended project that requires them to investigate and respond to a complex question,

problem, or challenge. This approach encourages collaboration, critical thinking, problem-solving, and real-world application of knowledge.

b) Collaborative learning encourages students to work together in groups or teams to solve problems, complete projects, or discuss and share ideas. This technique fosters communication skills, teamwork, and the development of social and emotional competencies.

c) Adaptive learning leverages technology to provide personalized learning experiences that adjust to each student's progress and individual needs.

2.3 Involvement in curriculum updating / Design: NIL

3. Co-curricular and Extra-Curricular Activities

3.1. Interests and Hobbies: Reading,sports.

3.2. CCA/ECA Organized:NIL

3.3. CCA/ECA participated:NIL

3.4. Counseling and Mentoring Activity: Mentor for CSE-A(A7-C8)Rollno

3.5. Committees involved in: NIL

      Department level:NIL

      Institute Level:NIL

4. Conference / Workshop / Seminar / Guest Lectures :
4.1 Conducted:1
4.2 Attended:3

5. Academic Contribution and Research & Consultancy:
5.1. Invited Lectures:NIL
5.2. Articles / Chapters published in Books:NIL
5.3. Books published as single author or as editor:NIL
5.4. Projects Guided :
      a) UG :1   b) PG :NIL
5.5. Research Interests : AI,ML,DEEP LEARNING
5.6. Ph.D students :NIL
      a) Enrolled :   NIL   b) Submitted : NIL   c) Awarded :NIL
5.7. Papers published in reviewed journals :

S.No	Title of the Paper	Journal Name Vol.No. PP	ISBN/ISSN No.	Impact Factor/ Citation Index	National/ International
1	Emerging Threats in Cyber Security	International Journal of Grid and	2005-4262	0.4	INTERNATIONAL

S.No	Title of the Paper				
		Distributed Computing			
2	Ergonomically Designed System for License Plate Recognition Using Image Processing Technique	Springer Nature Singapore	ISBN978-981-19-3044-7	5.993.	INTERNATIONAL
3	Identification of Opportunities for Coding in a Network	International Journal of Recent Technology and Engineering, Volume7, Issue5, Pages	Corpus ID: 212477374	1.0	INTERNATIONAL
4	RFID based theft detection and vehicle monitoring system using cloud	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	ISSN: 2278-3075	0.546	INTERNATIONAL
5	Secure data communication using isecL each protocol in WSNs	International Electronic Journal of Pure and Applied Mathematics (Scopus indexed)	ISSN: 1314-3395	0.59	INTERNATIONAL
6	Uber Data Analysis using Map Reduce	International Journal of Recent Technology and Engineering	ISSN: 2277-3878	1.0	INTERNATIONAL

5.8. Papers presented at National / International Journals :

S.No	Title of the Paper	Names of the Conference/ Seminars	National/ International	Period

1	A Survey on Automation of Chromosome Based Genetic Diagnosis Using Machine Learning	2021 IEEE 6th International Conference on Computing, Communication and Automation (ICCCA)	INTERNATIONAL	2021
2	Detection of fake reviews using NLP &Sentiment Analysis	2021 6th International Conference on Communication and Electronics Systems (ICCES)	INTERNATIONAL	2021
3	Detection of malicious websites using machine learning approach and web vulnerability scanner	AIP Conference Proceedings	INTERNATIONAL	2023/5/22
4	Detection of malicious websites using machine learning approach and web vulnerability scanner	AIP Conference Proceedings	INTERNATIONAL	2023/5/22
5	Effective heart disease prediction using hybrid machine learning techniques	AIP Conference Proceedings	INTERNATIONAL	2023/5/22
6	Effective heart disease prediction using hybrid machine learning techniques	AIP Conference Proceedings	INTERNATIONAL	2023/5/22
7	Fruit disease detection using image processing and ML	AIP Conference Proceedings	INTERNATIONAL	2023/5/22
8	Helmet Detection using Machine Learning Techniques	2021 6th International Conference on Communication and Electronics Systems (ICCES)	INTERNATIONAL	2021/7/8
9	Identification of system using deep learning and multiclass SVM	AIP Conference Proceedings	INTERNATIONAL	2023/5/22
10	Unsupervised learning towards hierarchical clustering	AIP Conference Proceedings	INTERNATIONAL	2023/5/24

5.9. Sponsored research Projects:

S.No	Title	Agency	Period	Grant amount	Ongoing / Completed
	NIL				

5.10 Consultancy Projects:

S.No	Title	Agency	Period	Sanctioned Amount	Ongoing / Completed
	NIL				

6.   **Awards / Honors received:** MAA SARASWATHI AWARD in MLRIT For the year 2021

7.   **Motto: Empowering Minds, Shaping Innovators**"