Faculty Profile

Mr. R. Pradeep , M.E.,
Assistant Professor - CSE(CY)

HIGHLIGHTS:

- Number of Journal Publications: 2
- Patents Published: 5

PROFESSIONAL LINKS:

- Scopus ID: 58852527200
- Scopus Link: https://www.scopus.com/authid/detail.uri?authorId=58852527200
- Google Scholar ID: https://scholar.google.com/citations?hl=en&user=Khh8pAwAAAAJ
- Anna University Faculty ID: 283427
- AICTE Faculty ID: 1-7354953251
- LinkedIn: www.linkedin.com/in/pradeepraja25

PROFESSIONAL BACKGROUND:

- Teaching Experience till date: 9 Year 3 Months
- Industrial Experience: 1 Year 1 Month

AREA OF SPECIALIZATION:

- Cloud Computing

- Fog Computing

- Computer Networks

PATENTS PUBLISHED/GRANTED:

- Real-time Groundwater for Identification and Monitoring System (Application No. 202441080354 A), Indian Patent, October 2024

- Explainable AI system with Interactive visualization of Decision Making Process (Application No. 202441066014 A), Indian Patent, September 2024

- AI based Smart walking stick for Visually impaired (Application No. 409498-001), Indian Patent, May 2024

- Privacy preserving Healthcare Records with Blockchain and NLP (Application No. 202441014658), Indian Patent, March 2024

- Secure Federated Framework for Multi-party collaboration in Cloud Environments (Application No. No.202341087171), Indian Patent, January 2024.

ACHIEVEMENTS AND AWARDS:

- Served as Reviewer for the International Conference on Intelligent Computing 2024 organized by Panimalar Engineering College, Chennai in February 2024.

CONFERENCES/SEMINARS/WORKSHOPS ATTENDED:

- Pradeep R, T.P Dayana Peter "Privacy-Conserved Health Care Information System with Efficient Cloud Security" in International Journal of Science and Research (IJSR), Volume 4 Issue 2. ISSN (Online): 2319-7064.

- N. Shunmugakarpagam, P. Deepika, R. Pradeep, A. Richard William, "Blockchain as the Answer to IoT Challenges and their Use Cases" in International Journal of All Research Education & Scientific Methods((IJARESM), Volume 10, Issue 1, January-2022, ISSN: 2455-6211

- M. Jaeyalakshmi, K. Vijay, R. Pradeep, L. Ram Prakash and H. Pravinesh, "Advancing Water Crisis Solutions through Deep Learning," 2024 15th International Conference on Computing Communication and Networking Technologies (ICCCNT), Kamand, India, 2024, pp. 1-6, doi: 10.1109/ICCCNT61001.2024.10724567.

- S, Ravikumar and R, Pradeep and A, Thava Vinu and R, Sowmia K and I, Eugene Berna, "Smart Card E-Insurance Authorization for Vehicles Using RFID," 2024 Second International Conference on Intelligent Cyber Physical Systems and Internet of Things (ICoICI),Coimbatore,India,2024,pp. 660-665, doi: 10.1109/ICoICI62503.2024.10696109.

- S, Ravikumar and I, Eugene Berna and K, Vijay and R, Pradeep and R, Babu, "Enhancing Solar Energy Harvesting Efficiency: A Dual-Axis Solar Tracking System," 2024 4th International Conference on Innovative Practices in Technology and Management (ICIPTM), Noida, India, 2024, pp. 1-5, doi: 10.1109/ICIPTM59628.2024.10563698.

- R, Pradeep and E, Narayana K and J, Kabilesh and E, Jenish R and S, Kavya, "A Novel Approach for Detection of Ocular Diseases using Deep Learning Concepts," 2024 International Conference on Computing and Data Science (ICCDS), Chennai, India, 2024, pp. 1-6, doi: 10.1109/ICCDS60734.2024.10560441.

- Dharani Devi G, Hemalatha R, Pradeep R, Jagan G "Political Opinion Mining for Popularity Prediction using Machine Learning Techniques" in International Conference on Research Methodologies in Knowledge Management, Artificial Intelligence and Telecommunication Engineering, IEEE Xplore https://doi.org/10.1109/RMKMATE59243.2023.10369941

- G. Dharanidevi, R. Dhanush Aravind, R. Pradeep, K. Gokulakrishnan, " Review of the Literature Concerning the Application of Sentimental Analysis in Business Reputation"

in Disruptive Technologies for Sustainable Development (1st ed.). CRC Press. https://doi.org/10.1201/9781003428473

● P. Elumalaivasan, T. Munirathinam, G. Sasi, R. Rajesh, R. Pradeep, B. Rajmohan "Energy Forecasting using Hybridization of CSO with LSTM" in International Conference on Smart systems and Green Energy Technologies. e-ISBN: 9788770229647 doi: https://doi.org/10.13052/rp-9788770229647

● K. Vijay, R. Pradeep, Sorna D. Shanthi, K. R. Sowmia, Eugene I. Berna "Deduplication in Cloud Computing for Heterogeneous Data Storage Management" in International Conference on Recent trends in Information Technology and its Applications. https://doi.org/10.1201/9781003388913-65

● S. Vidhya, S. Swetha, R. Pradeep, K. Vijay, K. R. Sowmia "IOT Based Non-Invasive Blood Glucose Level Monitoring" in International Conference on Recent trends in Information Technology and its Applications. https://doi.org/10.1201/9781003388913-62

● Pradeep R, N. Duraimurugan, Addepalli Raja Vyshnavi, Afrah Fathima S "Real-Time Live Audio Profanity Censorship System" in International Conference on Computer Communication and Informatics (ICCCI), Jan. 23 – 25, 2024.

● Sorna Shanthi D, Bhuvaneswaran B, Pradeep R, Narayana K E "Depression Reliever Chat Bot" in International Conference on Computer Communication and Informatics (ICCCI), Jan. 23 – 25, 2024.

● Ravikumar S, Priti Samuel, Pradeep R, Alex David S, V. Nandakumar "Network based prediction Analysis for online Examination using Machine Learning technique" in International Conference on Computer Communication and Informatics (ICCCI), Jan. 23 – 25, 2024.

● N. Duraimurugan, Eashaan Manohar, Pradeep R, Karthikeyan T "REConnect – web Application for Department Management" in International Conference on Computer Communication and Informatics (ICCCI), Jan. 23 – 25, 2024

● Sorna Shanthi D, Bhuvaneswaran B, Pradeep R, Revathy P, Vijayakumar R "Implementation of QR Code Based Smart Dining System" in International Conference on Intelligent, Computing and Smart Communication Systems, (ICICSCS'23).

● Bhuvaneswaran B, Vijayakumar R, Revathy P, Pradeep R "Bus Arrival Time Prediction System using RFID" in International Conference on Computer Communication and Informatics (ICCCI), Jan. 23 – 25, 2024.

● Ravikumar S, Arockia Raj Y, G. Kirubasri, Priti Samuel, Pradeep R "A Revolutionary Next Generation video conferencing Application" in International Conference on Computer Communication and Informatics (ICCCI), Jan. 23 – 25, 2024.

● C. Santhoshkumar, Pradeep R "Hybrid Machine Learning Techniques for Predicting Thyroid Disease : An Implementation" in International Conference on Artificial Intelligence and Future Science (ICAFIS'24), March. 21-22,2024.

- Pradeep R, Vijayakumar R, Dhananchezian T, Hairtha M "File Storage on Cloud using Cryptography with splitting Technique" in 7th International Conference on Intelligent Computing, 2024.

- Vijay K, Pradeep R, M Shanthalakshmi "Movie Recommendation System for Users Using Content Based Filtering" in 7th International Conference on Intelligent Computing, 2024.

- Ravikumar, Pradeep R, Sowmia K R, M.Shanthalakshmi " Chatbot for Customer Service Automation using Artificial Intelligence" in 7th International Conference on Intelligent Computing, 2024.

PROFESSIONAL MEMBERSHIPS:

- International Association of Engineers (IAENG) - Member ID : 248453

- Institute of Research Engineers and Doctors - Membership ID : AM101000585113