Faculty Profile



Dr. N.V RAVINDHAR, M.E., Ph.D
Assistant Professor

HIGHLIGHTS

- Number of Journal Publications : 27 in Scopus
- H-Index : 6
- Project Funding Received : Nil
- Patents Published : 14
- Patents Granted : Nil

PROFESSIONAL LINKS

- Scopus ID : 57210993577
- Scopus Link : https://www.scopus.com/authid/detail.uri?authorId=57210993577
- Google Scholar ID : https://scholar.google.com/citations?user=n8LiuGYAAAAJ&hl=en&oi=ao
- Anna University Faculty ID 2645321987
- AICTE Faculty ID : 1-464769462
- Anna University Supervisor ID : Nil
- LinkedIn :https://www.linkedin.com/feed/foryou/

PROFESSIONAL BACKGROUND

- Teaching Experience till date : 16 years
- Industrial Experience : NIL

Paper Presented / Published:
National Conferences:

- Blockchain and bio-inspired deep learning for energy-efficient EV-to-grid optimization NV Ravindhar, A Manju, S Murugesan… - Scientific Reports, 2026
- Detection and identification of plant disease using convolution neural networks E Sujatha, KA Daniel, NV Ravindhar, C Jaswanth… - Information and Communication Systems, 2026
- Deep Learning-Based Automated System for Accurate Skin Disease Diagnosis and Classification. NV Ravindhar, S Ashmi, S Swetha, JS Vithyashree - Doctoral Symposium on Computational Intelligence, 2025
- Blockchain-Based Web 3.0 Medical Application: Revolutionizing Health Care.E Sujatha, NV Ravindhar, KA Daniel, SM Rahaman… - … on Information and Communication Technology for …, 2025
- Map Symbolic Gestures to Analogous Emoji by Hand Gesture Recognition System NV Ravindhar, G Sujatha, SK Kamatchi - Disruptive Technologies for Sustainable Development, 2024
- Skin Cancer Prediction Using Convolutional Neural Network—Cloud Based Web App 34 NV Ravindhar, V Janani, WM Alenazy - Disruptive Technologies for Sustainable Development,2024/6/7, Pages 161-165
- Integration of cloud-based scheme with industrial wireless sensor network for data publishing in privacy of point source. NV Ravindhar, S Sasikumar, N Bharathiraja - International Journal of Cloud Computing, March 18, 2024pp 124-138
- JINX: A compilable programming language - NV Ravindhar, S Giridharan, PM Irfan, RP Kumar - … , Blockchain, Computing and Security Volume 2, 2024
- An effective architecture for Image colorization using Adaptive GAN", 2023 International Conference on Computer Communication and Informatics (ICCCI), 2023/1/23.
- Product Rental Web Application using HTML, CSS, BOOTSTRAP, PHP, and SQL "2023 7th International Conference on Trends in Electronics and Informatics (ICOEI)
- Applying Machine Learning & Knowledge Discovery to Intelligent Agent-Based Recommendation for Online Learning Systems", 2023 International Conference on Device Intelligence, Computing and Communication Technologies,(DICCT) 2023/3/17
- Computational Data Analysis, Prediction and Forecast of Health Disaster: A Machine Learning Approach, **DOI:** 10.1109/ICSSS54381.2022.9782289, 21-22 April 2022
- Design and Implementation of Flexible Solar Panel for Electric Vehicles" **DOI:** 10.1109/ICSES55317.2022.9914082, 14 October 2022
- Secure integration of wireless sensor network with cloud using coded probable bluefish cryptosystem", Journal of Theoretical and Applied Information Technology 31st December 2022. Vol.100. No 24
- Data Visualization Using Augmented Reality and IoT" Vol. 63 No. 2s (2020), 2020/11/1
- Abnormality Detection In Video Using Gaussian Mixture Model And Recurrent Conditional Random Field" Vol. 63 No. 2s (2020) "Predictive analysis of agricultural crops in cloud computing using sensor networks"Solid State Technology,2020/11/1, Vol. 63 No. 2s (2020)
- Anomaly Detection In Video Using Gaussian With Recurrent Neural etwork",2019, Ayya Nadar Janaki Ammal College, Madurai, 2019.
- "Tracking Dementia Patients Using Bluetooth", 2019, Ayya Nadar Janaki Ammal College, Madurai,2019.

- "A Novel Security Scheme for IOT Environment", Ayya Nadar Janaki Ammal College, Madurai, 2019.
- Monitoring Driving Behaviour of Motor Vehicle with Mobile Application" in the Journal of International Journal of pure and applied mathematics, Volume119,Issue no 15, 2018.
- "Secure PIN Authentication for ATM Transaction using Mobile Application" in International Journal of Soft Computing and Engineering (IJSCE), Volume-6 Issue 2, May 2016.

International Journals:

- International Journal of Innovative Technology and Exploring Engineering (IJITEE)ISSN: 2278-3075, Volume-8 Issue-11, September 2019
- Application Access for Chromatic Colour Detection International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-8 Issue-2, July 2019
- Survey on Machine Learning Algorithms for Prediction Analysis of Sensor Data with Cloud.
- International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249 – 8958, Volume-8 Issue-5S3, July, 2019
- "Virtual Personal Assistant with Chatbot" in the Journal of International Journal of pure and applied mathematics, Volume119, Issue no 15 2018.

Conferences / workshops / attended:

- 1.Participated in Faculty Development Programme on "Python Workshop" conducted by IIT Bombay on 22nd June 2019.
- 2.Attended the workshop on Emerging Trends of Cloud Computing & Industry Adaptation held at Saveetha Engineering College, 1st August 2018.
- 3.Participated in Faculty Development Programme on Foundation Program in ICT for Education conducted by IIT Bombay during August 2017 to Oct 2017.
- 4.Participated in Faculty Development Programme on Pedagogy for Online and Blended Teaching-Learning Process conducted by IIT Bombay during Sept 2017 to Oct 2017.
- 5.Participated in two days Faculty Development Program on Grid and Cloud Computing conducted by CSE department at Saveetha Engineering College on 16th & 17th June 2016.
- 6.Participated one day training program on Cardio Pulmonary Resuscitation held at Saveetha University on 7th April 2016.
- 7.Participated two weeks ISTE workshop on Computer Programming conducted by IIT

Bombay from 20th May 2014 to 21st June 2014.

- 8.Attended two days workshop" Big Data Analytics" conducted by CSE department at Saveetha Engineering college on 29th & 30thNov 2013.
- 9.Attended the workshop" Database Management Systems" conducted by IIT Bombay from 21st May 2013 to 31st May 2013.
- 10.Participated in National level conference "ETICT'13" held at Saveetha Engineering College on 3rd April 2013.
- 11.Attended two days International workshop" Cloud Computing and SOA Testing" conducted by Adhiparashakthi Engineering College on 25th & 26th April 2013.
- 12.Attended two days seminar "Research Challenges in Grid Computing and its Applications" on 21st and 22nd March 2012

Achievements and Awards:

1. Awarded as a Best Teacher for the academic year 2023-2024 for patent publication.
2. Awarded as a Best Teacher for the academic year 2016-2017 and got cash prize for producing the 100% result.
3. Awarded as a Best Teacher for the academic year 2017-2018 and got cash prize for producing the 100% result.
4. Awarded as a Best Teacher for the academic year 2014-2015 and got cash prize for producing the 100% result.

PROFESSIONAL MEMBERSHIPS

CSTA (Computer Science Teachers Association)	Applied on 16.7.2021
IRED (Institute of Research Engineers and Doctors)	Applied on 16.7.2021
IAENG (International Association of Engineers)	Applied on 15.7.2021

OTHER DETAILS (If any)

- College Alumni Secretory
- Dept Alumni Coordinator