

FACULTY VITAE



Name - Mrs. C.Tamilselvi

Education

- B.E – CSE, RajaRajeswari Engineering College, Chennai, University of Madras, India, 2003
- M.Tech –CSE, Dr.MGR Educational and Research Institute, Deemed University, India, 2005
- Pursuing, Ph.D – CSE, Dr.MGR Educational and Research Institute, Deemed University, India

Academic experience –

- Dec 2004 to May 2005, Lecturer, full time, Sree Sastha Institute of Engineering and Technology, Chennai, India
- Jan 2006 to Jun 2006, Lecturer, full time, Vel Sri Rangarajan College of Multimedia, Chennai, India
- Jul 2006 to till date, Assistant Professor, full time, Dr. MGR Educational and Research Institute University, India

Current membership in professional organizations

- IAENG member

Honors and awards

- Achievement award for event management in 2019 – 2020 toward world record event.

Service activities

- Deputy Dean Library – All Campus
- Dept IQAC Coordinator.
- Dept Events Convener.
- Dept Library Incharge.
- Dept Academic Staff College Coordinator.
- Dept Admission Counselor.

Publications and presentations from the past five years –

BOOK CHAPTERS

- Bhavani, N.P.G., Deepalakshmi, B., Sujatha, K., Tamilselvi, C. Smart Monitoring and Quality Control in Leather Processing Industry, Proceedings of the International

Conference on Cognitive and Intelligent Computing 2023, pp. 631–638, Springer Nature Singapore

- K. Sujatha , T. Kavitha, N.P.G. Bhavani, C. Tamilselvi, K. SenthilKumar,U. Jayalatsumi,V. Srividhya, B. Rengammal Sankari, —Chapter 25 - Design and development of a mobile application for level monitoring of oxygen cylinders using block chain technology, Distributed Computing to Blockchain Architecture, Technology, and Applications, 2023, Pages 415-424
- Sujatha Kesavan, Sivanand R.,Rengammal Sankari B., Latha B.,Tamilselvi C., Krishnaveni S.,Chapter 11: Deep Learning Neural Networks for Online Monitoring of the Combustion Process From Flame Colour in Thermal Power Plants, Convergence of Deep Learning and Internet of Things: Computing and Technology, DOI: 10.4018/978-1-6684-6275-1.ch011, IGI Global, 2023

INTERNATIONAL CONFERENCE

- Devi, M.K., Parthasarathy, R., Tamilselvi, C., Dharani, V. and Kaviya, V., 2023, December. Safety Wearable Devices for Monitoring and Predicting the Emergency of Civil Worker Using Mobile Application. In *2023 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems (ICSES)* (pp. 1-7). IEEE.
- Leo, L.M., Prabha, B., Gopinath, K.M., Tamilselvi, C., Mohanaprakash, T.A. and Naveen, P., 2023, December. Pioneering Healthcare Transformation: Deep Learning and Radiographic Imaging for Rapid COVID-19 Diagnosis. In *2023 3rd International Conference on Innovative Mechanisms for Industry Applications (ICIMIA)* (pp. 821-826). IEEE.
- Anandh, R., Urmela, S., Rashmi, D., Tamilselvi, C. and Bhatia, D., 2023, November. Attacks in Wireless Sensor Networks: Detection and Mitigation using Hybrid Propagation Mitigation Protocol. In *2023 7th International Conference on Electronics, Communication and Aerospace Technology (ICECA)* (pp. 1743-1748). IEEE.
- Tamilselvi, C., Dhanasakkaravarthi, B., Devi, R., Ebenezer, A.S., Dhanwanth, B. and Mohanaprakash, T.A., 2023, November. A Comprehensive Study of AI-Powered Writing Assistance Tools and Content Spinning Applications. In *2023 7th International Conference on Electronics, Communication and Aerospace Technology (ICECA)* (pp.

1104-1111). IEEE.

- Poornima, D., Gopinath, N., Harish, L., Kumar, S. and Tamilselvi, C., 2023, November. Automatic Speed Measurement and License Plate Reader for Motor Vehicles using CNN. In *2023 7th International Conference on Electronics, Communication and Aerospace Technology (ICECA)* (pp. 630-635). IEEE.
- Tamilselvi, C., Sindhuja, M., Hemamalini, S., Jemina, S.L., Dhanwanth, B. and Mohanaprakash, T.A., 2023, October. Breast Cancer Prediction Using a Deep Learning Algorithm on the Cloud Medical Data. In *2023 International Conference on Self Sustainable Artificial Intelligence Systems (ICSSAS)* (pp. 414-419). IEEE.
- Mohanaprakash, T.A., Savija, J., Peter, M.J., Tamilselvi, C., Hariharan, S.D. and Sunitha, T., 2023, September. Intelligent Road Anomaly Detection and Driver Assistance System: Machine Learning Approach for Enhanced Road Safety. In *2023 4th International Conference on Smart Electronics and Communication (ICOSEC)* (pp. 1496-1504). IEEE.
- S. Dhanush Hariharan, Deveshwaran Sridharan, Kalaiyarasi R, Mohanaprakash T A, C. Tamilselvi, Dahlia Sam, —Real-time Monitoring and Early Detection of Diabetes with Bioactive and Biological Impedance Sensors using Hybrid Machine Learning Algorithm, 2023 4th International Conference for Emerging Technology (INCET) Belgaum, India. May 26 - 28, 2023(IEEE Conference)

Briefly list the most recent professional development activities

- Participated in 5 days International virtual Faculty Development Programme on —Emerging Trends in Data Analytics organized by the Department of Computer Science, Saveetha College of Liberal Arts and Sciences, SIMATS from 22.01.2024 to 26.01.2024
- Participated in 7 days Online International Faculty Development Programme on —Latest Trend and Techniques in Software Engineering: An Industry Perspective organized by Department of Computer Science, CHRIST University from 20.01.2024 to 27.01.2024
- Participated in 5 days International virtual Faculty Development Programme on —Hybrid Education for Pedagogical Success organized by the Department of

Computer Science, Saveetha College of Liberal Arts and Sciences, SIMATS from 09.01.2024 to 13.01.2024

- Participated in 6 days National Level Faculty Development Programme on —Emerging Recent Trends in Engineering and Technology organized by Department of Computer Science and Engineering, Kings Engineering College from 4.01.2024 to 11.01.2024