

Faculty Profile

Dr. A.Shamila Ebenezer, M.E., Ph.D

Assistant Professor,

Department of Computer Science and Engineering

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Academic Background

Degree	University	Year
Ph.D	Karunya Deemed University	2018
M.E	Anna University	2004
B.E	Madurai Kamaraj University	2002

Courses Taught

- Artificial Intelligence
- Machine Learning
- Database Systems
- Data Analytics
- Advanced database systems
- Operating System
- Microprocessors and Microcontrollers
- Digital Integrated circuits

Research Interests

- Big Data Analytics
- Artificial Intelligence & Computer Vision
- Machine learning
- Database Administration

Most recent Publications

- A. Shamila Ebenezer, Rajsingh EB, Kaliaperumal B. Support vector machine-based proactive fault-tolerant scheduling for grid computing environment. International Journal of Advanced Intelligence Paradigms. 2020;16(3-4):381-403.
- ▪ A. Shamila Ebenezer, Jebapriya, S., Raja Bose, B.J., Predictive analysis of cryptocurrencies for developing an interactive cryptocurrency chatbot using IBM Watson assistant International Journal of Innovative Technology and Exploring Engineering, 8 (10), 2019, pp. 436-447.
- A. Shamila Ebenezer., Elijah Blessing Rajsingh, and Baskaran Kaliaperumal, A novel proactive Health Aware Fault Tolerant (HAFT) scheduler for computational grid based on resource failure data analytics. International Journal of Computers and Applications, pp. 1-11. 2018.
- A. Shamila Ebenezer, S. JebaPriya, D. Narmadha, G. Naveen Sundar, A Novel Scoring System for Coronary Artery Disease Risk Assessment, in proceedings of IEEE sponsored International conference on Intelligent computing and control, June 2017, ISBN 978-1-5386-0373-4 pp: 322- 327

Projects Guided

- Covid19 prediction with CT images using deep learning algorithms
- Auto-detection of Civil Infrastructure damage using deep learning algorithms
- Parkinson's disease prediction using handwriting images
- Emergency Vehicle detection in traffic
- Data analytics for optimal water usage in agricultural lands of southern parts of India
- Predictive analysis of cryptocurrencies for developing an interactive cryptocurrency Chabot using IBM Watson assistant
- Handwritten digit recognition in the exam paper for estimation of course outcome attainment.

Memberships in Professional societies

- Member of Computer Society of India (CSI)

Significant achievements:

- Certified EMC2 Academic Associate- Data Science and Big Data Analytics
- Artificial Intelligence Engineer Master's program from Simplilearn.
- Certification in Deep Learning with Tensor flow
- Certification in Data Science using Python
- Certification in Advanced Machine Learning training

- ORACLE Certified Associate (Database Administrator)