Faculty Profile

Dr. A.Shamila Ebenezer

Associate Professor,

Division of Data Science and Cyber Security

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Academic Background

Degree	University	Year
Ph.D	Karunya Institute of Technology and Sciences	2018
M.E	Anna University	2004
B.E	Madurai Kamaraj University	2002

Courses Taught

- Database Systems
- Operating Systems
- Machine learning techniques
- Artificial Intelligence
- Microprocessor and Interfacing
- Digital Integrated circuits
- Python Programming

Research Interests

- Data Analytics
- AI & ML

Most recent Publications

- Sheeba, Adlin, R. Rajalakshmi, B. Uma Maheswari, and A. Shamila Ebenezer. "Secure smart city application using webservice model and mayfly optimization-based lightweight CNN." Transactions on Emerging Telecommunications Technologies, 2023(IF 3.31)(SCIE indexed)
- S John Livingston, S. Deepa Kanmani, A. Shamila Ebenezer, Dahlia Sam, A. Joshi, An ensembled method for air quality monitoring and control using machine learning, Measurement: Sensors, Volume 30, 2023, Elsevier (Scopus Indexed)

- Yogapriya, J., Chandran, V., Sumithra, M.G., Elakkiya, B., Shamila Ebenezer, A. and Suresh Gnana Dhas, C., Automated Detection of Infection in Diabetic Foot Ulcer Images Using Convolutional Neural Network. Journal of Healthcare Engineering, 2022. (IF 1.44) (SCI indexed)
- A.Shamila Ebenezer, Kanmani SD, Sivakumar M, Priya SJ. Effect of image transformation on EfficientNet model for COVID-19 CT image classification. Materials Today: Proceedings. Elsevier, 13 Dec 2021. (IF 1.24) (Scopus Indexed)
- A.Shamila Ebenezer et al., Identification of Civil Infrastructure Damage Using Ensemble Transfer Learning Model, Advances in Civil Engineering, Volume 2021, Hindawi publications, https://doi.org/10.1155/2021/5589688 (IF1.924) (SCI indexed)

CERTIFICATIONS

- Certified Microsoft Azure Data Engineer
- Certified IBM AI Practitioner Instructor
- Certified IBM Data Science Practitioner Instructor
- Certified ORACLE Database Administrator
- Certified EMC2 Academic Associate- Data Science and Big Data Analytics