

Faculty Profile

Dr. V. Ebenezer

Assistant Professor,

Division of Data Science and Cyber Security

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Academic Background

Degree	University	Year
Ph.D	Anna University	2020
M.E	Anna University	2012
B.Tech	Anna University	2009

Courses Taught

- Data Analytics
- Object Oriented Programming
- Python Programming
- Programming for Problem Solving
- Cloud Computing

Research Interests

- Internet of Things
- Machine learning

Summary of International Journal & Conference publications

Year	International Journal	International Conference	Book Chapter/Book
2016-2023	12	20	5

Microsoft Certification

1. Microsoft Azure fundamentals (AZ-900)
2. Microsoft AI fundamentals (AI-900)
3. Microsoft Data fundamentals (DP-900)

Patent details

Application No	Title	Date
202341026636	Internet of Things based food recommendation system	10/04/2023
202341051165	Internet of Things based wearable device for women safety	29/07/2023

Research Guidance

Research guidance as Supervisor	Completed	On going
Doctor of Philosophy	-	4

Sample Publications

1. Serin, J., Vidhya, K. T., Deepa, I. M. I., **Ebenezer, V.**, & Jeneffa, A. (2024). Gender Classification from Fingerprint Using Hybrid CNN-SVM. *Journal of Artificial Intelligence and Technology*, 4(1), 82-87.
2. Jeneffa, A., **Ebenezer Veemaraj**, and A. Lincy. "ABM-OCD: Advancing ovarian cancer diagnosis with attention-based models and 3D CNNs." *ITEGAM-JETIA* vol. 9.43 (2023): 23-33.
3. Selvakumar, Stewart Kirubakaran, V. Ashok, Jason J. Selvadurai, **V. Ebenezer**, Antony J. Nivin, and Dennies A. Aron. "Divination of stock market exploration using long short-term memory (LSTM)." *Multidisciplinary Science Journal* vol.6, no. 1 (2024), pp. 1-10.
4. **Ebenezer, V.**, Uvaana Falicica, Rithika Baskaran, Agatha Celesty, and Sejal R. Eden. "IOT Based Wrist Band for Women Safety." , *Journal of Artificial Intelligence and Technology* , Vol.3, No.2 , 69- 74, (2023).
5. Joy, R. Priscilla, M. Roshni Thanka, Julia Punitha Malar Dhas, E. Bijolin Edwin and **Ebenezer** "Music Mood Based Recognition System Based on Machine Learning and

Deep Learning." *International Journal of Intelligent Systems and Applications in Engineering* 11, no. 2 (2023): 904-911.

6. Sharon Jemimah Peace,, R. Abinayaa, **V. Ebenezer**, and D. Sharan. "Pose detection using deep learning for gait assessment." *Multidisciplinary Science Journal* Vol. 5, no. 2, pp. 1-6, 2023.
7. Thanka, M. Roshni, E. Bijolin Edwin, **V. Ebenezer**, K. Martin Sagayam, B. Jayakeshav Reddy, Hatıra Günerhan, and Homan Emadifar. "A hybrid approach for melanoma classification using ensemble machine learning techniques with deep transfer learning." *Computer Methods and Programs in Biomedicine Update* 3 (2023): 100-103.
8. Edwin, Bijolin, **Ebenezer Veemaraj**, Pradeepa Parthiban, Joseph Pushparaj Devarajan, Vargheese Mariadhas, Ahila Arumuganainar, and Maheshwar Reddy. "Smart agriculture monitoring system for outdoor and hydroponic environments." *Indones. J. Electr. Eng. Comput. Sci* 25, no. 3 (2022): 1679-1687.
9. Chowdary, Vamsi Tej, M. Robinson Joel, **V. Ebenezer**, Bijolin Edwin, Roshni Thanka, and Arul Jeyaraj. "A Novel Approach for Effective Crop Production using Machine Learning." In *2022 International Conference on Electronics and Renewable Systems (ICEARS)*, pp. 1143-1147. IEEE, 2022.
10. Radhakrishnan, B. L., E. Kirubakaran, **V. Ebenezer**, R. V. Belfin, and Derrick I-Hsien Ting. "Remote sleep monitoring and 5G." *Secure Communication for 5G and IoT Networks* (2022): 173-195.