ASSOCIATE PROFESSOR

Dr. Santanu Modak
Contact: +91- 9153013838
modaksantanu@gmail.com

RESEARCH INTERESTS:
Sentiment Analysis, Text Classification, Machine Learning.

EXPERIENCE:
Academics: 11 yrs
Industry: ---

EDUCATION:
Ph.D in Computer Science, The University of Burdwan, 2022

Courses Taught:

Artificial Intelligence, Pattern Recognition, Machine Learning

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Projects Handled:

Domain : Machine Learning
Total : 6

Research Publications:

1. Modak, S., Ch, A., & Mondal (2014). A Comparative study of Classifiers Performance forGender Classification. International Journal of Innovative Research in Computer and Communication Engineering, 2, 4214-4222.

2. Modak, S.et.al. (2022). Fault diagnosis using data fusion with ensemble deep learning technique in IIoT. Mathematical Problems in Engineering, 2022(1), 1682874.

3. Modak, S. et.al. (2022). Selection of additive manufacturing machine using analytical hierarchy process. Scientific Programming, 2022(1), 1596590.

4. Modak, S., & Mondal, A. C. (2022, July). Sentiment analysis of twitter data using clustering and classification. In Proceedings of Third International Conference on Computing, Communications, and Cyber-Security: IC4S 2021 (pp. 651-664). Singapore: Springer Nature Singapore.

5. Pramanik, B., & Modak, S. (2024). A machine learning approach to identifying employees

at risk of workplace injury. In 2024 IEEE International Conference on Interdisciplinary Approaches in Technology and Management for Social Innovation (IATMSI) (pp. 1–6). IEEE. https://doi.org/10.1109/IATMSI60426.2024.10502823

Additional Responsibilities:

1.NBA Coordinator, Dept. of IT, BCET
2. President, Institute Innovation Council (IIC), BCET
3. Chief Coordinator, Entrepreneurship Development Cell (EDC)
4. BCET Chairman, R&D Cell, BCET

Achievements:

1. Cleared JRF 2013
2. Cleared UGC NET June 2012, June 2014, December 2014
3. Received Best Paper Award 2024
4. Became AICTE certified IIC Innovation Ambassador in 2025.