

Dr. Munish Saran

Assistant Professor

Department of Computer Science and Engineering,
Institute of Engineering and Technology, DDUGU, Gorakhpur University, India

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Profile Summary

A dedicated researcher and educator with expertise in Artificial Intelligence, Machine Learning, and Deep Learning. Passionate about advancing research and mentoring students in cutting-edge technological domains.

Experience

Assistant Professor

Department of Computer Science and Engineering,
Institute of Engineering and Technology, DDUGU, Gorakhpur University

September 2024–Present

Guest Faculty

Institute of Engineering and Technology,
DDUGU, Gorakhpur University

March 2024–September 2024

Guest Faculty

Madan Mohan Malaviya University of Technology

June 2022–Feb 2025

Senior Systems Engineer

Infosys

August 2013–July 2017

Education

Ph.D. in Computer Science

Department of Computer Science,
Gorakhpur, UP, India

Supervisor: Dr. Upendra Nath Tripathi

Deen Dayal Upadhyaya Gorakhpur University

M.Tech. in Computer Science and Engineering (GOLD MEDAL)

Department of Computer Science and Engineering,
Gorakhpur, Uttar Pradesh, India

Madan Mohan Malaviya University of Technology

B.Tech. in Computer Science and Engineering

AKTU, Lucknow, Uttar Pradesh, India

BBDNITM, Lucknow

Intermediate

Gorakhpur

ICSE, Little Flower School

High School

Gorakhpur

ICSE, Little Flower School

Publications

Major Journals:

1. "Hybrid Machine Learning approach for Cloud Security using Genetic Algorithm", in International Journal of Applied Engineering Research, ISSN 0973-4562, Vol. 18, Issue No. 4, Page No.: 312-320.
2. "Mitigation from DDoS attack in Cloud Computing using Bayesian Hyperparameter Optimization based Machine Learning Approach", in International Journal for Research Trends and Innovations (IJRTI), ISSN 2456-3315, Vol. 7, Issue No. 11, Page No: 766-772.
3. "Machine Learning based Security for Cloud Computing: A Survey", in International Journal of Applied Engineering Research (IJAER), ISSN 0973-4562, Vol. 17, Issue No. 4, page no. 332-337.
4. A Secure Framework based on Sensor-Cloud architecture for Healthcare data using enhanced Elliptic Curve Encryption, in Communications on Applied Nonlinear Analysis, 1074 133X, Vol. 32, page no. 37-49.
5. "A Novel Methodology for Enhancing Intrusion Detection System", in Journal on Software

Engineering (JSE), ISSN 2230-7168, Vol. 17, Issue No. 4, Page No.: 9-16.

6. "Attribute Based Elliptic Curve Encryption for Security in Sensor-Cloud", in Lecture Notes in Networks and Systems, Springer, ISSN: 2367-3370, 2019.
7. "Network Intrusion Detection System for Cloud Computing Security using Deep Neural Network framework", in Algorithms for Intelligent Systems, Springer, ISSN: 2524-7565, 2023.
8. "A Comprehensive Review on Artificial Intelligence Security solutions in Blockchain based IoT", Lecture Notes in Electrical Engineering (LNEE), Springer, ISSN: 1876-1100, 2023.

Conference Papers:

1. "A Survey on Security over Sensor Cloud", in IEEE 9th International Conference CONFLUENCE 2019, Theme Cloud Computing Data Science & Engineering, Organized by Amity University, Noida, India.
2. "A Comprehensive Review for Detection and Prevention Techniques for SQL Injection Attack", International Conference on Contemporary Research on Mathematics and Computer Science (ICCRMCS 2022) during 29-30 April 2022, Jointly Organized by Department of Mathematics and Department of Computer Science & Engineering, Shri Ram Murti Smarak College of Engineering & Technology, Bareilly, U.P., India.
3. "E-Governance with Cloud Computing", in International Conference on Emerging Trends in Information Technology, Organized by Department of Computer Science, Indira Gandhi National Tribal University, Amarkantak, M.P., India, 2022.
4. "Hybrid Artificial Intelligence Model for building complex and consolidated platforms for drug discovery", in National Conference on Paradigm Shift in Business, Science & Technical Education in Digital Economy: Issues & Challenges. Organized by Buddha Degree College, Gida, Gorakhpur 2023.

Patents

- "IOT BASED COVID-19 SYMPTOMS INDICATOR BAND", Application Number - 364913-001, Cbr Number – 202025, 2022.

Other Academic Trainings

- Microsoft Technology Associate in "Introduction to Programming using Python".
- Certificate course in Machine Learning using Python, conducted by NIELIT.

Area of Interests

- Artificial Intelligence
- Machine Learning
- Deep Learning
- Data Structure using C
- Soft Computing
- Artificial Neural Network

Key Achievements

- Vice Chancellor Gold Medal, MMMUT, M.Tech, 2019

Professional Affiliations and Activities

- Reviewer: DSAI-2025 (MMMUT), ICCSAI-2025 (IEEE, GALGOTIAS University).
- Trainer of BIG DATA at SAMSUNG INNOVATION CAMPUS 2024, IET, DDUGU, Gorakhpur.

Declaration

I hereby declare that the details stated above are true and correct to the best of my knowledge

Place: Gorakhpur

Dr. Munish Saran