



**Abida Khanam**

**Assistant Professor, Department of Computer Application, Faculty of Engineering,  
Integral University, Lucknow**

**9511499636, abidakhan@iul.ac.in**

([Google Scholar](#) | [orcid id](#) | [Web Of Science](#) | [ResearchGate](#)  
| [linked in](#))

## PROFILE

---

Accomplished educator with demonstrated ability to teach, motivate, and direct students while maintaining high interest and achievement. Articulate communicator able to effectively interact with diverse populations of students at a variety of academic levels.

### RESEARCH INTEREST:

- Blockchain Technology
- Artificial Intelligence

### SUMMARY OF RESEARCH ACCOMPLISHMENT:

- Developed a secure, blockchain-based framework using Hyperledger Fabric to manage electronic health records, integrating advanced encryption and decentralized storage for enhanced data privacy and scalability in healthcare.

### PROFESSIONAL MEMBERSHIP:

- International Association of Engineers lifetime membership.

## COURSE TAUGHT:

---

- Design and Analysis of Algorithm
- Introduction to IT Industry

## ADMINISTRATIVE/DEPARTMENTAL RESPONSIBILITY

---

- Course Coordinator of BCA 1<sup>st</sup> Year

- Member in Criteria 6

#### PUBLISHED/ACCEPTED SCI/SCOPUS RESEARCH PAPERS

---

- Abida Khanam & Mohd Faizan Farooqui (2023). Enhancing the Security and Privacy of eHealth Records through Blockchain-based Management: A Comprehensive Framework. *International Journal on Recent and Innovation Trends in Computing and Communication*, 11(5), 148–159. <https://doi.org/10.17762/ijritcc.v11i9.8827>. (Scopus Indexed)
  - Abida Khanam & Mohd Faizan Farooqui (2024). Ensuring Security in Electronic Health Records Implementing and Validating a Blockchain and IPFS Framework. *Journal of Electrical Systems*, 20(5), 2356-2368. <https://doi.org/10.52783/jes.3972>. (Scopus Indexed)
- 

#### PAPER PUBLISHED IN INTERNATIONAL CONFERENCES

---

- Abida Khanam, & Mohd Faizan Farooqui (2023). An Analysis of Using Blockchain Technology for the Security of Electronic Health Record System. *Global Multi-Track Conference SEMA*, 1(3), 180-191.
- Abida Khanam, & Mohd Faizan Farooqui (2023). Blockchain-Enhanced Role-Based Access Control for Privacy-Preserving eHealth Records. *Global Multi-Track Conference (STAR 2023)*. held between October 8 and 14, 2023.
- Abida Khanam, & Mohd Faizan Farooqui (2020). Role of Data Science In Cyber Security: An Overview From Machine Learning Perspective. *International E-Symposium*. from 5 – 7 November, 2020.

#### BOOK CHAPTERS

---

- Yasmeen, G., Khanam, A., & Farooqui, F. (2022). Unstoppable over-the-top: An overview of OTT platform and regulation in India. *International Conference on Emerging Trends in Technology & Its Impact on Law*.
-