



**Ms. Ankita Srivastava**  
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Google Scholar: h-index: 2; i10-index: 0

## PROFILE

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QUALIFICATION	<ul style="list-style-type: none"><li>• PhD, Computer Science &amp; Engineering (Pursuing)</li><li>• M.Tech, Computer Science &amp; Engineering, 2012</li><li>• B.Tech, Computer Science &amp; Engineering, 2010</li></ul>
TEACHING	<ul style="list-style-type: none"><li>• Teaching Experience: 12 years, 3 months</li></ul>
PUBLICATIONS	<ul style="list-style-type: none"><li>• no. of conference papers: 4</li><li>• no. of research papers in Journals: 10</li><li>• Books Edited: 1</li></ul>
RESEARCH GUIDED	<ul style="list-style-type: none"><li>• M.Tech: Awarded: 3</li></ul>
WORKSHOP/ QIP/ FDP/ SHORT COURSES	<ul style="list-style-type: none"><li>• Workshop: 14</li><li>• QIP/ FDP/ PDP: 21</li><li>• STC: 9</li><li>• Seminar/ Webinar: 12</li><li>• Conference attended: 5</li></ul>
ACHIEVEMENTS/ RECOGNITIONS AT THE NATIONAL/ INTERNATIONAL LEVEL	-----

REVIEWER	International Conference on Electrical Electronics and Computing Technologies, Sharda University, Greater Noida, Uttar Pradesh (29 <sup>th</sup> -31 <sup>st</sup> August 2024)
	International Conference on IoT, Communication and Automation Technology (ICICAT 2023), Gorakhpur, Uttar Pradesh, India (23rd -24th June 2023)
PROFESSIONAL MEMBERSHIPS	IEANG : 140590 (Lifetime) SCRS: 2022-05-18-3051 (Lifetime)

### RESEARCH INTERESTS

- Fuzzy Databases
- Cloud Security
- Blockchain

### COURSE TAUGHT: COURSES RELATED, BUT NOT LIMITED, TO THE FOLLOWING

- Computer Programming
- Object Oriented Programming concepts using JAVA
- Software Project and Quality management
- Cyber Law and Information Security

### STUDENTS SUPERVISION

#### A) M.Tech. Thesis – 3 (2012 – till date)

- **Sentiment Analysis of Twitter using Machine Learning Techniques-** Mantasha Khan, July 2024.
- **Disease Prediction using Machine Learning-** Mohd Nadeem Khan, August 2023.
- **Design and Implement Optimization Technique for Fault Tolerance in Cloud Computing-** Nilopher, December 2022.

#### B) B.Tech. Final year Projects – 36+ projects (2012- till date)

### PUBLISHED/GRANT PATENTS

- **National Patent on “A Machine Learning Based Hotspot Prediction system in Electronic Design Automation (EDA) Applications”** Application No. 202211004640, published on 27/01/2022.

### PUBLISHED SCI/SCOPUS RESEARCH PAPERS

- Paper titled **“Improving Blockchain Security: Integrating Encryption and Hashing Techniques”** got published in International Journal of Intelligent Systems and Applications in Engineering, 12(22s), 740 –747, 2024. ISSN 2147-6799.
- Paper titled **“Performance Evaluation of Genetic Algorithm-Driven Blockchain Encryption for EHR Management and Validation”** got published in Journal of Electrical Systems, 20(9s), 1087-1099, 2024. ISSN 1112-5209.

## PAPER PUBLISHED IN INTERNATIONAL CONFERENCES

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- Paper titled “**Bio-Computing based algorithms for cloud security: A critical review**”, got published in 2022 **IEEE World conference** on Applied Intelligence and computing (AIC-2022), proceedings published in IEEE xplore, organized jointly by Rajkiya Engineering College, Sonbhadra and Soft-computing research society (SCRS), June 17-19,2022. [Scopus Indexed] DOI: 10.1109/AIC55036.2022.9848965
- Paper titled “**Literature Survey on Object Oriented Function Point: A Reusability Metrics**” got published in **International conference** ACEIT-2018(Proceedings published in IJARCS volume 9 special issue no. 2, ISBN: **978-93-5311-643-9**, page 152-156, April 2018), at Integral University, Lucknow, April 6-7, 2018.
- Paper titled “**Fuzzy Query: an impression in Query Processing**” got published in **International conference** ACEIT-2016(Proceedings published in IJCSIT ISSN 0975-9646, special edition S174-S176), at Integral University, Lucknow, March 12, 2016.

## PUBLISHED PEER REVIEWED RESEARCH PAPERS

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- Paper titled “**Sentiment Analysis of Twitter Data Using Machine Learning Techniques**” got published in International Journal of Engineering and Management Research, 14(1), 196–203, 2024. ISSN 2250-0758.
- Paper titled “**A Review on Sentiment Analysis of Twitter Data Using Machine Learning Techniques**” got published in International Journal of Engineering and Management Research, 14(1), 186–195, 2024. ISSN 2250-0758.
- Paper titled “**Disease Prediction using Machine Learning**” got published in International Journal of Engineering and Management Research, 13(3), 275–279, 2023. ISSN 2250-0758.
- Paper titled “**A Review Article on the Prediction of Diseases at an Early Stage**” got published in International Journal of Innovative Research in Computer Science & Technology, 11(2), 38–43, 2023. ISSN 2347-5552.
- Paper titled “**A review on optimization technique for fault tolerance in cloud computing**” got published in International Journal of Advanced Research in Computer Science, Volume 13 (4), Page 23-27, 2022. ISSN 0976-5697.
- Paper titled “**Cyber Stalking: A Nuisance to the Information Technology**” got published in International Journal of Advanced Research in Computer Science, Volume 5 (8), Page 98-100, 2014. ISSN 0976-5697.
- Paper titled “**Cyber Bullying: A Speed Breaker in the Information Technology Highway**”, got published in International Journal of Advanced Research in Computer Science, Volume 5 (3), page 1-3, 2014. ISSN 0976-5697.
- Paper titled “**A study and comparison of methods for fuzzy data equivalence**” got published in International Journal of Advance Research in Computer Science, Volume 3 (3), page 562-565, 2012. ISSN 0976-5697.

## MISCELLANEOUS RESEARCH PAPERS

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- Paper titled “**Semantic integration of fuzzy databases**” got published in Proceedings of **National Conference** Recent Advances in Database Systems and Applications, ISBN: 978-93-82880-35-6, paper id-22AA, at Madan Mohan Malaviya Engineering College, Gorakhpur, May 4 & 5, 2013.

## BOOK EDITED

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- Computer Science & Engineering, Aargon Press, New Delhi, ISBN No. 978-93-94070-54-7, 2021.

