



**Dr. Syed Adnan Afaq**

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

**+919554108112, saafaq@iul.ac.in**

([Google Scholar Citation](#) | [Orcid Id](#) | [Research gate](#) | [linked in](#))

## PROFILE

---

- Over 4 years of experience in teaching and research
- PhD in Software Engineering
- Serving as a reviewer in several International Conferences and Journals

### RESEARCH INTEREST:

- Software Engineering
- Cyber Security
- Artificial Intelligence
- Machine Learning
- Internet of Things

### SUMMARY OF RESEARCH ACCOMPLISHMENT:

- Published several papers in Scopus-indexed and peer-reviewed journals.
- Contributed chapters in various international books on topics like AI, Blockchain, and Cybersecurity

### PROFESSIONAL MEMBERSHIP:

- International Association of Engineers (IAENG)
- Computer Science Teachers Association

## COURSE TAUGHT:

---

- Software Engineering
- Data Structure using C
- Cyber Crime and Cyber Law
- System Analysis & Design

- Unix & Shell Programming
- Data Compression and Multimedia System

#### ADMINISTRATIVE/DEPARTMENTAL RESPONSIBILITY

---

- Served as a Hostel Warden in Boys Hostel, Integral University Lucknow, From 2018-2022
- Serving as a Member of the Departmental NAAC Criteria-I Committee
- Serving as Convenor of the International Students Advisory Committee
- Serving as Member Secretary of the Student Welfare Committee
- Serving as a Member of the Departmental Alumni Relationship Committee

#### STUDENTS SUPERVISION

---

Guided Programme	No. of Candidates
• MCA	16 : Industrial projects/ Dissertations
• BCA	24: Industrial projects/ Dissertations

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

---

- Exploring Software Development Change Analysis with an Emphasis on Requirements, published in International Journal on Recent and Innovation Trends in Computing and Communication, (ISSN: 2321-8169) Vol 11, issue 9, 2024 <https://doi.org/10.17762/ijritcc.v11i9.9780>
- An Efficient Model for Changed Requirement Prioritization using Fuzzy Inference System. Published in Advanced Engineering Science, ISSN: 2096-3246 Volume 54, Issue 02, December, 2022(Scopus Indexed Journal)
- An Efficient Approach for Software Requirement Change Identification. In Webology, ISSN: 1735-188X, Vol 18, Number 3, 2021, (Scopus Indexed Journal)
- Influences of Requirement Change on Software Failure in Test Engineering and Management, Vol 82, pages 4178 – 4184, ISSN: 0193 - 4120, January-February 2020, (Scopus Indexed Journal)

#### PAPER PUBLISHED IN INTERNATIONAL CONFERENCES

---

- Covid-19: As an opportunity for Cybercriminals” in International E-Symposium on "Recent Advancements in Information and Communication Technology (RAICT 2020)" from 5 – 7 November, 2020 organized by Department of Computer Application, Integral University, Lucknow, India in association with Indian Society for Technical Education (ISTE), Institute of Engineers India (IEI) and Technically Co-Sponsored By IEEE Uttar Pradesh Section

#### PUBLISHED NON-SCI-SCOPUS BUT PEER REVIEWED RESEARCH PAPERS

---

- The IOT Farming Revolution: Enhancing Efficiency And Sustainability in Agriculture. In International Journal of Engineering Sciences & Emerging Technologies, ISSN: 22316604, Volume 11, Issue 2, pp: 160-170, Oct. 2023

## BOOK CHAPTERS

---

- Social Media Revolution: Unravelling the Threads of Connectivity and Influence, published in Human Impact on Security and Privacy: Network and Human Security, Social Media, and Devices by IGI Publisher, 2024, page 2057-272, ISBN13: 9798369392355.
- The Rising Threat of Deepfake Technology and frighting advancements of Social Engineering, published in Effective Strategies for Combatting Social Engineering in Cybersecurity, IGI Publisher, ISBN13: 9798369366653, Sep 2024.
- The Impact of 5G on the Future Development of the Healthcare Industry, published in book title in The Ethical Frontier of AI and Data Analysis, IGI Publication, 2024, ISBN: 9798369329641.
- Enhancing Data Storage And Security Through Blockchain Technology. Article in press in book title Applying Blockchain Technology: Concepts and Trends, CRC Press 2024
- Fuzzy Logic in Multicriteria Decision-Making Problems. Article in press in book title Applications of Fuzzy logic in Decision-making Management Science, Springer 2024.
- Cyberbullying - Understanding, Preventing, and Addressing Online Harassment. Article in press in book title Cyberology: Optimized Approach for Cyber World, CRC Press/ Taylor & Francis ISBN: 9781032526683, 2024.
- Soft Computing: An Introduction to Intelligent Problem-Solving Techniques. Article in press in book title Smart Heat Transfer And Thermal Management: Leveraging Ai, Machine Learning, And Soft Computing, Elsevier Press, 2024.
- Smart Healthcare Systems: The Fusion of Artificial Intelligence and Big Data in Patient Care. Article in press in book title Revolutionary Impact of 5G on Advancement of Technology in Healthcare, CRC Press, 2024.
- Transforming Healthcare: Exploring the Intersection of IoT and Machine Learning. Article in press in book title Advances in Healthcare using Machine Learning, CRC Press, 2024.
- Recent Advancements and Impact of Multimedia in Education. Published in book title In Artificial Intelligence and Multimedia Data Engineering, Bentham Science 2023, ISBN: 978-981-5196-45-0.
- The Critical Analysis of E-Commerce Web Application Vulnerabilities. Published in book title Advances in Cyberology and the Advent of the Next-Gen Information Revolution by IGI

Global publication, 2023, DOI: 10.4018/978-1-6684-8133-2.ch002.

- The Critical Impact of Cyber Threats on Digital Economy. Published in in book title Advances in Cyberology and the Advent of the Next-Gen Information Revolution (IGI Global publication), 2023, DOI: 10.4018/978-1-6684-8133-2.ch005.
  - The IOT Farming Revolution: Enhancing Efficiency And Sustainability in Agriculture. In International Journal of Engineering Sciences & Emerging Technologies, ISSN: 22316604, Volume 11, Issue 2, pp: 160-170, Oct. 2023.
  - A Critical Analysis of Cyber Threats and Their Global Impact. Published in book title Computational intelligent Security in Wireless Communications (CRC Press, Taylor and Francis Group), 2022, DOI: 10.1201/9781003323426-
  - The Critical Role of Cyber law in the Digital era in Emerging Trends in Technology & its Impact on Law. Published by Nitya Publication, March 2022. (ISBN:978 9394894-03-7).
-