Dr. Ausaf Ahmad
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Google Scholar | Research gate | LinkedIn

PROFILE

ACADEMIC QUALIFICATION:

- **Ph.D. (Computer Science)**   *Aligarh Muslim University, 2019*
  Topic: Mining Software Repositories for Software Metrics
  Supervisor: Prof. Tamanna Siddiqui
  Specialization: Software Engineering
- **Master of Computer Science and Applications**   *Aligarh Muslim University, 2014*
  Specialization: Computer Science
- **B.Sc. (Hons.)**   *Aligarh Muslim University, 2010*
  Specialization: Mathematics

RESEARCH INTEREST:

- Software Engineering
- Data Mining
- Machine Learning

SUMMARY OF RESEARCH ACCOMPLISHMENT:

- Authored multiple papers in Scopus-indexed, peer-reviewed journals.
- Presented findings at prominent conferences and seminars, fostering academic discourse and community engagement.

PROFESSIONAL MEMBERSHIP:

- International Association of Engineers (IAENG)
- IEEE Member

COURSE TAUGHT:

- Computer Fundamentals and C programming
- Data Structure and Algorithm
- Algorithm Analysis and Design

- Machine Learning
- Python Programming
- Software Engineering

ADMINISTRATIVE/DEPARTMENTAL RESPONSIBILTY

- Member University ranking team since 2022.
- Member criteria I of NAAC team.
- Member Departmental Proctorial Team

STUDENTS SUPERVISION

Guided Programme	No. of Candidates
- **Ph.D.**	03 : on going
- **MCA**	16 : Industrial projects/ Dissertations
- **BCA**	26 : Industrial projects/ Dissertations

PUBLISHED/GRANT PATENTS

- **Ahmad Ausaf**, Hasan Mohammad Kamrul, Husain Mohammed Aslam, khan Ahmad Neyaz, Khan Asif | A system for the inchoative integration of visual information retrieval | Utility | Federal Republic of Germany |2022.

- Asif khan, Mohd Faizan, **Ausaf Ahmad**, Safikur Rahman Khan, Tabrez Khan, Mohd Waris khan, Mohammed Aslam Husain | Data Processing Device for 5G Communication | Government of India | 2024.

PUBLISHED/ACCEPTED SCI/SCOPUS RESEARCH PAPERS

- **Ausaf Ahmad** and Tamanna Siddiui, "Empirical Validation of MSR-SM Framework". International Journal of Scientific & Technology Research (IJSTR) Volume 8 - Issue 11, pp. 1576-1582, 2019.
- Tamanna Siddiui and **Ausaf Ahmad**, "Mining Software Repositories for Software Metrics (MSR SM): Conceptual Framework." International Journal of Innovative Technology and Exploring Engineering (IJITEE), Volume 8, Issue 10, pp. 4173 - 4177, 2019.
- **Ausaf Ahmad**, Tamanna Siddiqui, Najeeb Ahmad Khan, "A Detailed Phasewise Study on Software Metrics: A Systematic Literature Review ", International Journal of Scientific Research in Computer Science, Engineering and Information Technology (IJSRCSEIT), ISSN: 2456-3307, Volume 3, Issue 3, pp.1696-1705, 2018.

PAPER PUBLISHED IN INTERNATIONAL CONFERENCES

- Alam S., Siddiqui S.T., **Ahmad A.**, Ahmad R., Shuaib M. (2020) Internet of Things (IoT) Enabling Technologies, Requirements, and Security Challenges. In: Kolhe M., Tiwari S., Trivedi M., Mishra K. (eds) Advances in Data and Information Sciences. Lecture Notes in Networks and Systems, vol 94. Springer, Singapore. 2020.
- Tamanna Siddiqui and **Ausaf Ahmad**. "Data mining tools and techniques for mining software repositories: A systematic review." In Big Data Analytics, pp. 717-726,

Springer, Singapore, 2018.

- Tamanna Siddiqui and **Ausaf Ahmad**, "Complexity Clarification through Code Metrics" Proceedings of the 12th INDIACom; INDIACom-2018, 5th International Conference on "Computing for Sustainable Global Development", pp.3746-3749, March, 2018.

WORKSHOPS/FDP ATTENDED

- One Week Faculty development program on "**AI/ML and Data Science for Industries 4.0 (Advanced Level)**" conducted by National Institute of Technical Teachers Training and Research, (NITTTR) Chandigarh at Integral University, Lucknow from 26/02/2024 to 01/03/2024.
- Two week blended faculty development program on **"Next-Gen Computing Technology"** organized by department of Computer Application, Integral University, Lucknow, during 10-25, November, 2021.
- One week workshop on **"Scientific Writing Using Latex"** organized by Madanpalli Institute of Technology & Science, Chittoor, Andhra Pradesh, India during 22 - 26 March, 2021.
- One week Online refresher/ Induction program on **"Deep Learning & Cyber Security – Phase III"** organized by Madanpalli Institute of Technology & Science, Chittoor, Andhra Pradesh, India during 17 – 22 May, 2021.
- One week workshop on **"Big Data and Soft Computing: Techniques & Applications"** held at Aligarh Muslim University, Aligarh, India during 5-9 October 2016.
- One week faculty development program on **"Emerging trends in Computer Science and IT"** at BVICAM, New Delhi, India during 25th -30th July 2016.

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