



Saman Khan

Assistant Professor, Department of CSE, Faculty of Engineering, Integral University, Lucknow

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Profile

QUALIFICATION	<ul style="list-style-type: none">• Doctor of Philosophy (Ph. D.), Pursuing (Enrolled 2022) Integral University, Lucknow, (U.P.).• Master of Technology (CSE), Integral University, Lucknow, (U.P.), India (2017) with 82% (Honors)• Bachelor of Technology (CSE), Integral University, Lucknow, (U.P.), India (2014) with 69.4% aggregate.
TEACHING/ RESEARCH/ ESTABLISHMENT EXPERIENCE	<ul style="list-style-type: none">• Assistant Professor, Integral University, Lucknow, India August 2024 – Present
PUBLICATIONS	Research Paper -5, Chapter – 1, Conferences -2, Patent - 2

RESEARCH GUIDED	
WORKSHOP/ QIP/ FDP/ SHORT COURSES	- 21
PROFESSIONAL MEMBERSHIPS	- International Association of Engineers (IAENG), membership number: 392444
REVIEWER	-
ACHIEVEMENTS/ RECOGNITIONS AT THE NATIONAL/ INTERNATIONAL LEVEL	-

RESEARCH INTERESTS

- Cloud Computing
- Machine Learning
- Artificial Intelligence
- Networking

COURSE TAUGHT:

- Pattern Recognition
- Distributed System
- Introduction to Computer
- DBMS
- Object Oriented Programming Language (OOPS)
- Microprocessor
- Machine Learning
- Cloud Computing

ADMINISTRATIVE AND DEPARTMENTAL RESPONSIBILITY:

- Departmental Mentor-Coordinator since August 2024.
- NAAC Criteria 7 Member since, August 2024
- NBA Criteria 9 Member since, August 2024

- Member Departmental Internship Committee
- Member Departmental Faculty Technical Event Management Committee
- Club Advisor in the Departmental Art and Culture Club.

TRAINING:

- One month of summer training from HAL, Lucknow
- Three months training on Core Java from Analyze InfoTech, Lucknow.
- Three months training on C language from Analyze InfoTech, Lucknow.

SEMINAR, CONFERENCE AND WORKSHOP:

- Organized Technical E-poster Presentation on “The Pivotal Role of ICT in Covid-19 Pandemic” from 28-30 September 2020.
- Attended “International E-Symposium on “Recent Advancements in Information and Communication Technology” from 5-7 November 2020.
- Attended a seminar on Cyber Laws and Information Security” organized by “Department of CSE, Integral University.
- Attended International Seminar on “ANALYTIC AND DATA LEARNING: CASE STUDIES & BEST PRACTICES “from 31st March 2022.
- Attended International Conference on “EMERGING TRENDS IN TECHNOLOGY & ITS IMPACT ON LAW(ETTIL-2022) “from 29 to 30 March 2022.
- Attended Seminar on “Gender and Mental Health “Organized by the Women Redressal Cell”, Department of Computer Application, Integral University, LKO on 5th December ,2022.
- Attended an International Conference on Advances in Science, Engineering and Technology (ICASET - 2024) from 30 – 31 July 2024 organized by Department of Computer Application, Integral University, Lucknow, India in association with CRC Press, Routledge, Taylor and Francis Group.
- Presented a paper entitled **A Hybrid ECC-AES Framework for Scalable and Secure Cloud storage Systems** in the 10th National Conference on ICON' 25 Sustainable IT: Technology for a Better Tomorrow organized by the Department of Information Technology at Dr. M. G. R. Educational and

Research Institute, Chennai-95. on 19.03.2025 & 20.03.2025.

- Attended UGC Malaviya Mission Teacher Training Centre Aligarh Muslim university from 22nd January 2025 to 30th January 2025.
- Participated in the AICTE Recognized Faculty Development Programmed on Mastering Cloud Computing Essentials with AWS Conducted by Computer Science and Engineering Department, Integral University, Lucknow, UP from 03/03/2025 to 07/03/2025 (One Week)
- Attended Refresher Course / Workshop on AI and Current Research Conducted by Computer Science and Engineering Department, Integral University, Lucknow, UP.

PUBLISHED/GRANT PATENTS

- “Advanced Machine Learning techniques for predicting T20 cricket match winners” (Application Number-202511035852). Published on :25/04/2025.

PUBLISHED SCOPUS RESEARCH PAPERS

- **Saman Khan, S. H. Abbas, “Enhancing Cloud Data Security using a Hybrid Cryptographic Model: A Combination of Advanced Encryption Standard and Elliptic Curve Cryptography”**2025 , Journal of Information Systems Engineering and Management, Vol. 10 No. 34s (2025) ,DOI: <https://doi.org/10.52783/jisem.v10i34s.5770>.
- Dr. Syed Hauider Abbas, Rahul Ranjan, Balmukund Maurya, Ajaz Husain Warsi, **Saman Khan, “EVALUATING HEALTHCARE PROVIDERS' PERCEPTIONS, EXPERTISE, AND BARRIERS REGARDING THE ADOPTION OF AI IN REHABILITATION”**, Cuest.fisioter.2025.54(3):4423-4439.
- Manish Kumar Srivastava, Javed Akhtar, Danish Ahmad, Hannan Ansari, Kamalesh Chandra Maurya, **Saman Khan**, Mohd Faiz, Salman Ali, Rahul Ranjan, Syed Hauider Abbas **“The Future of Surgery: A Guide to Machine Learning For Surgeons”** , Journal of Neonatal Surgery ISSN(Online): 2226-0439 Vol. 14, Issue 13s (2025) <https://www.jneonatalurg.com>.

OTHER PUBLICATIONS

- Saman Khan & Shish Ahmad ‘Distress Call Detection and Transmission of Event Information in VANET’, published in Global Journal of Pure and Applied Mathematics, Volume 13, Number 3, ISSN 0973-1768, 2017.
- Saman Khan & Dr. S. H. Abbas ‘A Review of Machine Learning-Based Security in Cloud Computing’, published in GIS Science Journal, ISSN 1869-9391, 2024.

PAPER PUBLISHED IN CONFERENCES

- Saman Khan & Shish Ahmad ‘**A Critical Survey on Requirement Prioritization Technique**’, published in ACEIT Conference Proceedings, 2016.

PAPER PRESENTATION IN INTERNATIONAL CONFERENCES

- Saman Khan Presented a paper entitled ‘**Design and Development of Internet of Things Assisted Weather Prediction Scheme with Advanced Remote Tracking Norms**’, IEEE International Conference on Multidisciplinary Research in Technology and Management (MRTM 23), 2023.
- Saman Khan Presented a paper entitled “**A HYBRID ECC-AES FRAMEWORK FOR SCALABLE AND SECURE CLOUD STORAGE SYSTEMS**”, 10th National Conference on ICON' 25 Sustainable IT: Technology for a Better Tomorrow, on 19.03.2025 & 20.03.2025

