



Dr. AKSHITA CHAUDHARY

Designation: ASSISTANT PROFESSOR

Email: [akshita1@srmist.edu.in/](mailto:akshita1@srmist.edu.in) chaudharyakshita666@gmail.com

Professional Qualification:

- ⇒ Ph.D. in Computer Science from Shri Jagdishprasad Jhabarmal Tibrewala University - Jhunjhunu, Rajasthan in 2021
- ⇒ M. Tech in Computer Science from CCS University, Meerut.
- ⇒ MCA (Master of Computer Applications) from SRM University, Modinagar in 2017.
- ⇒ BCA (Master of Computer Applications) from CCS University, Meerut in 2015.

Publications (Journals & Conferences):

- ⇒ **Akshita Chaudhary and others** “Automatic Face Spoofing Detection Using Convolution Neural Network Architecture with LSTM Architecture” (Publishing in Scopus 2026- Journal of Discover Computing , Springer Nature, Journal, Indexed in DOAJ, Web of Science’s Science Citation Index Expanded (SCIE) and Scopus with a Cite Score 2024 of 3.2.- *Scopus Indexed*
- ⇒ **Akshita Chaudhary and others** “Exploring the use of deep learning techniques to detect Heart Disease, Diabetes, and Impaired Kidney Function at an early stage” (Publishing in Scopus 2026- Journal of BMC Medical Informatics and Decision Making. - *Scopus Indexed*
- ⇒ **Akshita Chaudhary and others** “Anomaly Detection in Network Security: A Comparative Study of Cybersecurity Intrusion Detection Machine Learning Algorithms” (Published in Scopus March 2025)- Journal of Information Systems Engineering and Management.- *Scopus Indexed*
- ⇒ **Akshita Chaudhary and others** “ Opti DRL: Integrating Optical Networks With Multi-Objective Optimization And Deep Reinforcement Learning For MEC Resource Allocation” Metallurgical and Materials Engineering 2025. – *SCI Index*
- ⇒ **Akshita Chaudhary and others** “Intelligent Routing in MANETs: Bridging AI and Protocol Design for Next-Gen Networks”- Journal of Information Systems Engineering and Management-(2025, 10(26s) e-ISSN: 2468-4376).- *Scopus Indexed*
- ⇒ **Akshita Chaudhary and others** “Trustworthy Intelligence: Interpretability of predictive Models in Clinical Decision Support” - Journal of computational Analysis and Applications 2024. (ISSN NO: 10.48047/jocaaa.2024.33.08.184), Volume 33, No.8, 2024. - *Scopus Indexed*
- ⇒ **Akshita Chaudhary and others** “An Enhanced Power Energy Environment And Intelligent Control System For Solar Energy Harvesting System” Published in IEEE 2024.- *Approved*
- ⇒ **Akshita Chaudhary and others** “Utilizing Neural Networks For Image And Sound Signal Recognition In Autonomous Driving” Conference Tittle 2nd International Conference on Disruptive Technologies (ICDT) “15-16 March Presented in IEEE conference 2024”.- *Approved*
- ⇒ **Akshita Chaudhary and Others** “A Descriptive Research On Internet Of Things Implementation On Healthcare Sector” 5TH international conference on contemporary computing and informatics (IC3I) 979-8-3503-9826-7/22/\$31.00 DOI: 10.1109/IC3I56241.2022.10073463 February 2022 volume , Issue IEEE.- *Approved*
- ⇒ **Akshita Chaudhary and others** “An Investigation into Artificial Intelligence and The Challenges it Faces” www.neuroquantology.com (eISSN N0 – 1303-5150, DOI No – 10.14704/nq.2022.20.1. NQ22333) January 2022 Volume 20, Issue 1- *Scopus Indexed*

- ⇒ **Akshita Chaudhary** “A Pervasive Study on Impact and Benefits of Cloud Computing on Micro, Small & Medium Business” JASC: Journal of Applied Science and Computations (ISSN NO: 1076-5131), Volume VI, Issue I, January/2019 (Published)
- ⇒ **Akshita Chaudhary and Dr. Yogesh Kumar Sharma** "IMPACT OF CLOUD COMPUTING ON SMES" www.ijrar.org (E-ISSN 2348-1269, P ISSN 2349-5138) 2019 IJRAR January 2019, Volume 6, Issue 1. (Published)
- ⇒ **Akshita Chaudhary and Dr. Yogesh Kumar Sharma** "Advancement of MSME in India" www.ijrar.org (E-ISSN 2348- 1269, P- ISSN 2349-5138) 2019 IJRAR April 2019, Volume 6, Issue 2. (Published)
- ⇒ **Akshita Chaudhary** “A Pervasive Study on Impact and Benefits of Cloud Computing in Education and Other Sectors” International Journal of Management, Technology and Engineering (ISSN NO: 2249-7455), Volume IX, Issue V, May/2019 (Published)

Awards and Achievements

- ⇒ **February 2016** Certified in Application Development @ Android Platform in SRM UNIVERSITY.

Published Book

- ⇒ **Akshita Chaudhary** and Others “INTERNET OF THINGS & ITS APPLICATIONS” ASIN: BOBTP21RJ6 PUBLISHER: “GOOD WRITERS” PAPERBACK: 202 Pages, UNSPSC-CODE:55101500 API IEEE SCOPUS

Patent Invention:

- ⇒ **Title:** “BIG DATA FRAMEWORK FOR DATA MONITORING ON A SMART CAMPUS”
 - **Patent number:** - 202211007882,
 - **Grant and Publication Date** – 25/02/2022,
 - **Sponsoring agency-**IPINDIA
- ⇒ **Title:** “ARTIFICIAL INTELLIGENCE BASED APPROACH ALONG WITH BIG DATA ANALYTICS AND PREDICTIVE MODELING FOR AUTOMATING THE STOCK TRADING WITH MINIMIZED RISK OF MARKET EXPOSURE”
 - **Patent number:** 202211048375.
 - **Sponsoring agency-**IPINDIA
 - **Publication Date**– 29/08/2022
- ⇒ **Title:** “APPLICATION OF AI & ML OF INDIAN BANKING CREDIT RATING SYSTEM”
 - **Patent number:** 202211059981.
 - **Publication Date** - 19/10/2022,
 - **Sponsoring agency-** Ordinary Application
- ⇒ **Title:** “DIGITAL TOOTH BRUSH”
 - **Design No.** – 6465116
 - **Grant Date-** 21 August 2025
 - **Sponsoring agency-** Intellectual property office

Workshops/Seminars/FDPs/Certifications

- ⇒ Attended National Conference "Work-Life Balance for Greater Efficiency & Effectiveness" at Shri JagdishprasadJhabarmal Tibrewala University Jhunjhunu Rajasthan. 2019
- ⇒ Attended National Conference "Role of Innovation and Automation in National Building" at Shri

JagdishprasadJhabarmal Tibrewala University Jhunjhunu Rajasthan.2019

- ⇒ Attended International Conference "International Relevance of Vivekananda Thoughts in Modern Research" at ShriJagdishprasad Jhabarmal Tibrewala University Jhunjunu Rajasthan. 2019
- ⇒ Attended International Conference "Triple Talaq Issue Towards Worldwide Women Empowerment" at ShriJagdishprasad JhabarmalTibrewala University, Jhunjhunu, Rajasthan.2019
- ⇒ **5 June 2021 – 7 June 2021 Online National Level Quiz** – Adverse effects of global warming
- ⇒ **17 Aug 2021 – 21 Aug 2021 Webinar/FDP** – Universal human values and professional ethics
- ⇒ **5 June 2021 Webinar** – Importance of cleanliness and environment in india
- ⇒ 15-17 September 2021 Seminar - "ICT Tools for Effective Teaching" SWAYAM Committee Sikkim University.

- ⇒ **14 October 2021 Webinar** - National Education Policy 2020: "New Dimensions Taking It Forward" – GovernmentCollege Daman
- ⇒ **25-26 February 2022. Seminar** – "2 Days FDP: CSTDE-2022"
- ⇒ **20 - 22 March 2022 seminar** - "Global Water Congress 2022
- ⇒ **8 August 2022 – 14 August 2022** – "1 week FDP Meaningful Research and Intellectual Property Rights" – KRMangalam University Gurugram
- ⇒ **8 August 2022 – 19 August 2022** – "Curriculum Development in the Light of NEP 2022" – Electronics and ICTAcademies PDPM IIIT DM Jabalpur, IIT Roorkee, MNIT Jaipur and NIT Patna.
- ⇒ **13 March 2023 – 17 March 2023** (one week) – "Developing Healthy Work Culture" Conducted by "CurriculumDevelopment Centre Department" - National Institute of Technical Teachers Training and Research Chandigarh. SRMIST NCR CAMPUS MODINAGAR UTTAR PRADESH
- ⇒ **6 June 2023 – 23 June** – "A 16-Day International Online Faculty Development Program on Teaching, Learning,Assessing in 2030. Rampuram SRMIST Campus, Chennai.
- ⇒ **17 July 2023 – 19 July 2023** Three days national level workshop on "Research methodology: techniques, analysis, and presentation"
- ⇒ **24th July 2023 – 29th July 2023** "Multidisciplinary aspects of low power wireless sensor networks" FDP conducted bySRMIST NCR Campus, Modinagar, Uttar Pradesh.
- ⇒ **28th August, 2023 to 1st September, 2023.** One week hands- On workshop on "Enhanced of logical thinking & problem-solving ability using modern tools on real time Application". The program was organized by the department of computerscience, ABES Engineering College, Ghaziabad.
- ⇒ **11/09/2023 to 15/09/2023** (One Week) on "Managing Your Ego and Emotions at Work Place" at SRM Institute of Science and Technology, Ghaziabad. The program was organized by the Education and Educational Management Department. National institute of technical teachers training and research chandigarh.
- ⇒ **15th March to 16th March 2024.** "Utilizing neural networks for image and sound signal recognition in autonomous driving" Two Days 2nd International Conference on Disruptive Technologies (ICDT-2024) dated 15th – 16th March 2024 organized by Department of Computer Science & Engineering, GL Bajaj Institute of Technology & Management, Greater Noida, (U.P.), India. **IEEE Conference Certificate of Presentation.**
- ⇒ **"08 july 2024 – 13 july 2024"** Six Days FDP on "Recent Trends in Computing 4.0" at VISHWAKARMA INSTITUTE OF TECHNOLOGY, PUNE.
- ⇒ **"16/12/2024 - 20/12/ 2024"** Five Days FDP on "Significance of Emerging Technologies & Intellectual Property Rights (IPR)" at MANGALMAY INSTITUTE OF MANAGEMENT & TECHNOLOGY.
- ⇒ **"11/02/2025- 15/02/2025"** Five Days FDP on "Data-Driven Insights: Hands-On with Natural Language Processing, Image Processing, Deep Learning & LLM", at SRM University.
- ⇒ **"10/02/2025- 15/02/2025"** Six Days FDP on" Advances in computing & IT revolution (ACIR - 2025)" at organised by CSE Sharda University Greater Noida.
- ⇒ **"03/03/25 - 07/03/25"** Five Days FDP on "NITTTR Chandigarh, AICTE recognized FDP on Mastering Cloud Computing Essentials with AWS" at CSE Dept. at SRMIST, Delhi/NCR Campus.
- ⇒ **"10/03/2025 – 12/03/2025"** Three Days Face-to-Face FDP on "Inculcating Universal Human Values in

- Technical Education” at SRM Institute of Management and Technology, Ghaziabad.
- ⇒ “03/07/2025 – 12/07/2025” Ten Days FDP on “Malaviya Mission Teacher Training Programme (MMTTP) of University Grants Commission (UGC) organized by UGC Training Centre,” at University of Allahabad.
 - ⇒ **11/12/2025 Pre-Conference Workshop** For 2nd Multidisciplinary International Conference 2026 On Intelligent Technology in Education and Business Management "Ethical Dilemmas in Modern Research: Insights from an Editor's Perspective" at IPEM Ghaziabad.
 - ⇒ “20/04/2026 – 25/04/2026” Six Days FDP on “Transforming Higher Education through AI Integration, Outcome-Based Education & Academic Innovation” organized by Shri Jagdishprasad Jhabarmal Tibrewala University.
 - ⇒ “20/04/2026 – 24/04/2026” Five Days FDP on “Faculty Advancement for clinical & educational Excellence” organized by NITTE (DU).
 - ⇒ “24/04/2026 – 30/04/2026” Five Days FDP on “Centre of Excellence for Advanced Computing” organized by NITTE (DU).
 - ⇒ “05/05/2026 – 09/05/2026” Five Days Face-to-Face FDP on “Inculcating Universal Human Values in Technical Education” at SRM Institute of Management and Technology, Ghaziabad.

Work Experience- 5 Years

Professional Memberships:

- ⇒ The Indian Society for Technical Education-Membership ID - LM 138244 Year- 2023
- ⇒ Society Of Statistics, Computer And Applications- Membership ID - I 20240508 Year- 2024
- ⇒ IEEE Membership
- ⇒ Member of International Association of Engineers (IAENG), Hong Kong, Membership