



FACULTY PROFILE

Name: Ms. Atulya Gupta

Designation: Assistant Professor

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Professional Qualifications:

- Obtained B.Tech (Computer Science and Engineering) degree in 2017 with First Division with Honours from Dr. KedarNath Modi Institute of Engineering and Technology (affiliated to Dr. A. P. J. Abdul Kalam Technical University), Uttar Pradesh.
- Received M. Tech (Computer Science and Engineering) degree in 2019 with First Class with Distinction from SRM Institute of Science and Technology, Delhi-NCR Campus, Modinagar, Ghaziabad.
- Pursuing Ph.D. (Computer Science and Engineering) degree at SRM Institute of Science and Technology, Delhi-NCR Campus, Modinagar, Ghaziabad, from January 2020.

Publications (Conferences and Journals):

- Participated and presented a paper titled "A Circumstantial Methodological Analysis of Recent Studies on NLP-driven Test Automation Approaches" in TEQIP-III Sponsored "International Conference on Machine Learning, Internet of Things and Big Data (ICMIB-2020)" conducted by the Department of Computer Science Engineering & Applications, INDIRA GANDHI INSTITUTE OF TECHNOLOGY SARANG DHENKANAL, ODISHA, in 2020.
- Participated and presented a paper titled "A comparative recapitulating study of recent sentiment analysis approaches" at 6th IEEE International Women in Engineering (WIE) Conference on Electrical and Computer Engineering (WIECON-ECE), Bhubaneswar, India, organized by IEEE Bhubaneswar Subsection and IEEE WIE AG Bhubaneswar Sub-Section in collaboration with IEEE Bangladesh Section and IEEE WIE AG Bangladesh Section in 2020.
- Published a research paper entitled "Multifactor Algorithm for Test Case Selection and Ordering" in Baghdad Science Journal, in June 2021. (Scopus)

- Published a research paper entitled “Test case prioritization in unit and integration testing: a shuffled-frog-leaping approach,” in Computers, Materials & Continua, in 2023. (SCI)
- Published a research paper entitled “Test case generation and history data analysis during optimization in regression testing: An NLP study”, in Cogent Engineering in 2023. (Scopus)

Workshops/Seminars/FDPs:

- Attended a one-day workshop on “Research Writing and Software Assisted Data Analysis” held at SRM Institute of Science and Technology, Delhi-NCR Campus, Modinagar.
- Participated in the AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "RECENT TRENDS IN SOFTWARE TESTING" from 2021-06-12 to 2021-06-16, organized by Vishwakarma Government Engineering College, Chandkheda.
- Attended a webinar on "Demystifying Literature Review: unleashing the power of various techniques" organized by Feroze Gandhi Institute of Engineering and Technology, Raebareli.
- Attended an international webinar and FDP on "Strategies to Write Good Research Article – Part II" organized by the Department of Commerce, Manipal Academy of Higher Education.
- Participated in the AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Nature Inspired Optimization Techniques" from 2021-07-19 to 2021-07-23, organized by the National Institute of Technology Delhi.
- Participated in the five-day national workshop on "Research Methodology and LaTeX" from 2021-09-13 to 2021-09-17, organized by the Department of electronics and communication engineering, National Institute of Technology Puducherry, Karaikal.
- Participated in the two-day national workshop on "Deep Learning Based Efficient Code Optimization in Software Engineering" organized by Dept. of Computational Intelligence, School of Computing, SRM Institute of Science and Technology, Kattankulathur on 24th and 25th February 2022.