

FACULTY PROFILE



Name: Dr. Juhi Singh

Designation: Assistant Professor

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Professional Qualification:

DEGREE	INSTITUTE	SPECILIZATION	PASSING YEAR	UNIVERSITY
Doctorate (Ph.D.)	Shree Ramswaroop Memorial University	Cloud Computing CSE	2022	SRMU
Post-Graduation (M.Tech)	KNIT Sultanpur	Computer Science and Engineering	2014	GBTU
Graduation (B.Tech)	IEC College of Engg. and Technology, Gr. Noida	Computer Science and Engineering	2010	GBTU
Diploma	Govt. Girls Polytechnic, Gorakhpur	Electronics Engineering	2007	BOARD OF TECHNICAL UNIVERSITY U.P.
SSC(10 th)	St. Joseph's Inter College, Gorakhpur	All Subjects	2004	ICSE Board

Publications (Journals & Conferences):

- Published a patent titled “IoT, Cloud Computing Based Intelligent Automation and Safety System for Transport Sector Using WSN” Official Journal of The Patent Office, May 2022.
- Published an international paper titled “Plummeting Makespan by Proficient Workflow Scheduling in Cloud Environment”, Advances in Science, Technology and Engineering Systems Journal Vol. 6, No. 3, Scopus Indexed Journal (Page No. 40-44), Impact Factor-0.7, May 2021.
- Published a paper “Energy Consumption Analysis and Proposed Power Aware Scheduling Algorithm in Cloud Computing” Springer series AISC indexing Scopus, volume 1172, September 2020.
- Published an international paper titled “Enhanced Equally Spread Current Execution: Reformed Load Balancing Algorithm in Cloud Computing”, Solid State Technology, Volume. 63, issue.5, October 2020, Scopus Indexed Journal (Page No. 4189-4199), Impact Factor-0.3
- Presented a paper titled “Parameter Analysis and Efficient Techniques to Optimize Energy in Cloud Computing” in the 1st International Conference on Renewable Energy and Green Technology (ICREGT-2020) organized by SRMIST Delhi-NCR Campus, Ghaziabad, 9th to 10th Oct 2020.
- Presented a paper titled “Green Computing: A Step Towards Green Technologies in Cloud” in the 5th International Conference on Intelligent Computing and Applications organized by SRMIST Delhi-NCR Campus for Springer series AISC indexing Scopus 6th to 8th Dec 2019.
- Published an international paper titled “Performance Analysis of Load Balancing Algorithms for Cloud Computing”, International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-7, Issue-6S4, April 2019, Scopus Indexed Journal SNIP-0.012

- Published an international paper titled “Critical Path Algorithm for Real Time Applications in Cloud Environment” in IJIACS, Volume 6, Issue 7, July 2017, ISSN 2347 - 8616 (Page No. 134-140), Impact Factor-2.65
- Published an international paper titled “A Review: Towards Quality of Service in Cloud Computing” in journal IJSR, Paper ID: ART20164099, Volume 6, Issue 1, January-2017, ISSN 2319-7064 (Page No. 555-561), Impact Factor- 7.29

Awards and Achievements

- 5% TOPPER in NPTEL Online Certification (Elite + Silver) with a consolidated score of 84% Feb-April 2019 coordinator IIT Kharagpur.
- Stood first position in diploma college.
- Have been maintaining good academic record since school.
- Gate qualified in 2011 & 2012 twice with 90 plus percentile.

Workshops/Seminars/FDPs

- AICTE Training And Learning (ATAL) Academy Online FDP on "Block chain" from 2020-9- 7 to 2020-9-11 at Birla Institute of Technology Mesra.
- AICTE Training And Learning (ATAL) Academy Online FDP on "Block chain" from 2020-9-14 to 2020-9-18 at National Institute of Technology Raipur.
- Workshop on ML & AI Using Covid-19 Virus Data Analysis held during 23rd-24th May 2020 Organized by Finland Labs (A Unit of Revert Technology Pvt. Ltd.) In Association with National Social Summit, IIT Roorkee.

- Faculty Development Program on “Recent Technologies in Cloud Computing and IoT” conducted by the Department of Computer Science and Engineering, held from 08th to 11th July, 2020.
- FDP on “Practical Cyber Security from Scratch” 13th to 17th July 2020.
- FDP on “Vision Beyond 5G with Block Chain and AI” conducted by CSE on 23rd to 25th July 2020.
- FDP on “ARTIFICIAL INTELLIGENCE, MACHINE LEARNING AND IT'S APPLICATIONS “conducted by Department of CSE, organized by Biometrics and Bio Informatics Special Interest Group(SIG) held from 29th to 31st July 2020.
- Participated in the IoET Conference 2020.
- Attended 5th International Conference on Intelligent Computing and Applications organized by SRMIST Delhi-NCR Campus for Springer series AISC indexing Scopus 6th to 8th Dec 2019.
- Participated in three days Faculty Development Program on “Natural Language Processing using Machine Learning”, Department of Computer Science and Engineering, SRM-IST, Delhi NCR Campus, Ghaziabad, 27th to 29th June 2019.
- Attended a national workshop on “Applications on technical terminology in modelling, optimization & computing in science & technology”, MHRD, Department of Higher Education, SRMIST, Ghaziabad, 26th -28th April,2019.
- Worked as coordinator for one day seminar on Research Methodology taken by Dr. D.P. Kothari (former director i/c IIT Delhi), Department of Computer Science & Engineering, SRMIST, Delhi-NCR Campus, Ghaziabad.

Work Experience: 10 years

Organization/ Institute	Location	Post	From	To	Experience
SRM Institute of Science and Technology, NCR Campus.	Ghaziabad	Assistant Professor	July 2018	Till Date	5 years
Shri Ramswaroop college of engineering and technology	Lucknow	Assistant Professor	July 2015	June 2018	3 years
NIELIT (Central organization)	Lucknow	Senior Faculty	July 2014	July 2015	1 years
Madan Mohan Malviya Engineering College	Gorakhpur	Lecturer	July 2010	June 2011	1 year