Faculty Profile: Name of the Faculty
Department of Faculty Member
Ram Lal Anand College, University of Delhi

Title	Ms.	First Name	Sakshi	Last Name	Sharma	Photograph
Designation		Assistant Professor				
Address		Ram Lal Anand College, South Campus, New Delhi- 110057				
Mobile		7206272864				
Email		sakshisharma.cs@rla.du.ac.in				

Institutional Web page	https://rlacollege.edu.in/Departments_Comp_Sc.php
Google Scholar	https://scholar.google.com/citations?hl=en&user=1mctpyYAAAAJ&view_op=list_works&gmla=AHoSzlUxYASfITugWmNYC0kmb8y0RI0hFM6XxA8V2gZWGxsXPpz8cIFP_2zG4m3f1VTrXQGyyod0sy2dFRrnJx
Research Gate	https://www.researchgate.net/profile/Sakshi-Sharma-7
ORCID ID	**0000-0003-3280-8285**
Vidwan ID	**https://vidwan.inflibnet.ac.in/profile/394477**

Educational Qualifications

Degree	Institution	Year
Ph.D	B. R Ambedkar National Institute of Technology, Jalandhar, Punjab	2020
M.Tech	DCSA, Kurukshetra University, Kurukshetra, Haryana	2014-2016

B.Tech	Kurukshetra University, Kurukshetra, Haryana	2010-2013

Career Profile

- Assistant Professor, January 2023-till date in the Department of Computer Science, Ram Lal Anand College, University of Delhi.
- Assistant Professor (July-Dec 2018) in Department of Computer Science, SD College, Ambala Cantt, Haryana.
- Assistant Professor (Feb 2017 – May 2018) in Department of Computer Science & Engineering, Seth Jai Prakash Mukand Lal Institute of Engineering & Technology, Yamunanagar, Haryana.
- Assistant Professor (Aug 2016 – Jan 2017) in Department of Computer Science & Engineering, GITM, Karnal, Haryana.

Areas of Interest / Specialization

- Digital Forensics
- IoT Forensics
- Data Analytics
- Blockchain

Subjects Taught

- Data Structure
- Discrete Mathematics Structure
- Computer System Architecture
- Programming using Python
- Cyber Security and Cyber Sphere
- Introduction to Blockchain
- Digital Empowerment
- Data Interpretation and Visualization using python

Publications Profile

Sakshi, A. Malik, and A. K. Sharma, "Blockchain-based digital chain of custody multimedia evidence preservation framework for internet-of-things," *Journal of Information Security and Applications*, vol. 77, p. 103579, 2023, doi: 10.1016/j.jisa.2023.103579

Sakshi;, A. Malik, and Sharma Ajay K., "A survey on blockchain based IoT forensic evidence preservation : research trends and current challenges," *Multimedia Tools Applications*, 2023, doi: 10.1007/s11042-023-17104-z.

Azad Singh, Shilpa Singla, Sakshi Sharma, Pankaj Sharma; "Allpath: All Path Routing Algorithm in Wired Network"; International Journal of Knowledge Based Computer Systems (Impact Factor: 2.995), ISSN Number: 2321-5623, Volume 4, Issue 2, December 2016, Page No. 24-28.

Azad Singh; Pankaj Sharma; Sakshi; "A Novel Memory Approach for Windows 10" Journal of Network and Information Security (Impact Factor: 4.662.) ISSN 2321-6859, Volume 4 Issue 2 Dec 2016.

Sakshi; Dr. Shuchita Upadhyaya; "Twitter Streaming API using Apache Spark In Big Data Analytics" National Conference on Advances in Computer Science & Engineering (ACSE-2016, Department of Computer Science and Applications, April 29-30, 2016, International Journal of Scientific & Engineering Research, Volume 7, Issue 12, ISSN 2229-5518, Page No. 354-359.

Dr. Shuchita Upadhyaya; Sakshi; "Latency Analysis for Big Data Using Apache Spark" Journal "OUTREACH" ISSN: 2395-4620 Vol II, Issue 2.

Sakshi; Dr. Shuchita Upadhyaya; "Apache Spark: A multipurpose tool for Data Analysis" National Seminar on Data Handling Techniques: Application in Information Technology, GMN Postgraduate College, Ambala Cantt, March 04-05, 2016.

Sakshi; Dr. Shuchita Upadhyaya; "Performance Enhancement of Big Data using Apache Spark Platform" National Conference on Recent Innovations In Electronics, Electrical & Computer Engineering (RIEECE-2016), Baddi University, April 13, 2016, Volume 3, Spl. Issue 1, e-ISSN : 1994-2310 | p-ISSN : 1694-2426

Conference Organization/ Presentations

- Twentieth IFIP WG 11.9 International Conference on Digital Forensics 2024, New Delhi, 6-7 January 2025, New Delhi, India

- Enhancing Digital Investigation: Leveraging Chat GPT for Evidence Identification and analysis in Digital Forensics (ISBN: 979-8-3503-0611-8), , 4th IEEE International Conference on Computing, Communication and Intelligent Systems (ICCCIS - 2023), Sharda University, Noida

Events Organized:

- Cyber Awareness Week Observance, (Convener), Convener, CoCF, Ram Lal Anand College, University of Delhi 17th October – 24th October 2024.

- National Level Dark Buster Patterns Hackathon 2024 (IIT, BHU), Nodal Officer, Ram Lal Anand College, University of Delhi, 30th January 2024.

- One Day Hands on Workshop on Exploitation of Technology in Modern Universe, Department of Computer Science, RLAC, October 27th, 2023

- Workshop on Cyber Safety and Awareness for Women, Women Welfare Advisory Committee, November 02nd, 2023

- Seminar on Use and Misuse of Digital Technology, Department of Computer Science, Ram Lal Anand College, University of Delhi, April 19th, 2023

Research Projects (Major Grants/Research Collaboration)

Cyber-Forensic Framework for User-Centric Human Threat Intelligence Analysis Funded by Ministry of electronics and Information Technology(MEITY)

FDP/FIP/Professional training/Workshop attended

- 6th National Level Workshop for Higher Educational Institutions, Perspectives of NIRF India Ranking 2025(Online), Institute for Academic Excellence (IAE), Hyderabad, December 20th-21st, 2024
- NEP 2020 Orientation & Sensitization Programme, Centre for Professional Development in Higher Education (UGC-MMTTC), University of Delhi, Teachers Training Programme under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC), May 07th- 16th,2024
- Managing Online Classes & Co- creating MOOCS, Inter-Disciplinary two-week Refresher Course, Teaching Learning Centre Ramanujan College, University of Delhi (Accredited Grade 'A++' by NAAC) under the aegis of Ministry Of Education Malaviya Mission On Teachers And Teaching Program, May 23rd 2024 – June 05th 2024.
- Attended Five Days Online Hands-On Training Program on "Data Analysis using SPSS" Organized by the LekSha Research Centre, Gandhinagar, Gujarat from 14th – 18th June, 2023.
- Two – week Online Interdisciplinary Refresher Course in "Advanced Research Methodology" from 22 May – 05 June, 2023.

- IP Awareness/Training program" under National Intellectual Property Awareness Mission on 25th April, 2023, organized by Intellectual Property Office, India.
- One-Month Online National Faculty Induction Programme/Orientation Course organized by Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya, National Mission on Teachers and Teaching (PMMMNMTT) of Ministry of Education 25th February to 27th March 2023.
- One-week Online Short-Term Course on "DEMYSTIFYING INTELLECTUAL PROPERTY FOR RESEARCH INTEGRITY AND ECONOMIC DEVELOPMENT" organized by the Department of Computer Science & Engineering, Delhi Technological University, Delhi held from March 13 to 17, 2023.
- Participated in National High-End Workshop (Karshyashala) on "Cyber Security and Digital Forensics"; IIIT Pune, under SERB Accelerate Vigyan, 23July-29 July 2022.
- Attended One-week online Faculty Development Programme on "Blockchain Assisted Federated Machine Learning for Securing Big Data Analytics and IoT"; B. R. Ambedkar National Institute of Technology, Jalandhar, 08April -12 April 2022.
- Attended e-Workshop ISBT-2021 organized by National Institute of Technology, Hamirpur, 28 April-02 May 2021.
- Attended One-week online Faculty Development Programmed on "Blockchain Assisted Federated Machine Learning for Securing Big Data Analytics and IoT" by B. R. Ambedkar National Institute of Technology, Jalandhar, 08-12 April 2022.
- Attended e-Workshop "Information Security and Blockchain Technology (ISBT)-2021 organized by National Institute of Technology, Hamirpur, 28 April-02 May 2021.
- Participated in ISEA-II sponsored STC on "Cyber Security and Forensic" organized by B. R. Ambedkar National Institute of Technology, Jalandhar, 22 -26 March 2021.
- Participated in online STC on "Security and Privacy Challenges in Computing Paradigms (SPCCP-2020)" by Dr. B R Ambedkar National Institute of Technology, Jalandhar, 1 - 5 September 2020
- Participated in e-STC "Identify the Weakest Link: An International e-STC on recent attacking and defensive strategies" by Dr. B R Ambedkar National Institute of Technology, Jalandhar, 10-14 August 2020
- Participated in National Workshop on "Cyber: Security Innovation and Opportunities by National Institute of Technology, Kurukshetra, 12-13 February 2016.
- Hands on Workshop on "IPv4 to IPv6 Migration methods" conducted by NITTTR, Chandigarh.
- Attended 5-day workshop on "Data Analytics" organized by Dept of Computer Science and Application, Kurukshetra University, Kurukshetra, 23-27 September 2015.
- Attended 3-day workshop on "Cloud Computing" organized by Dept of Computer Science and Application, Kurukshetra University, Kurukshetra, 20-22 September 2015.