



Faculty Profile

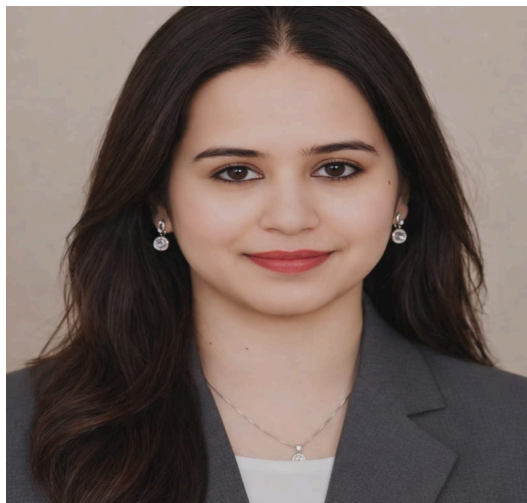
Ram Lal Anand College, University of Delhi

Accredited by NAAC with A+ Grade

ISO 21001: 2018 and ISO 9001: 2015

NIRF 2025 AI Rank - 90

Title	Dr.	N a m e :	ISO 21001: 2018 and ISO 9001: 2015 NIRF 2025 AI Rank - 90			
Department		Computer Science				
Designation		Assistant Professor				
Phone		011-24112151				
Email		geetika@rla.du.ac.in				
Institutional Web page						
ORCID ID		https://orcid.org/0000-0001-9252-8715				
Educational Qualifications						
Degree		University		Year		
Ph.D Computer Science		Banasthali Vidyapith University		2022		
MCA Computer Science		Guru Gobind Singh Indraprastha University		2010		
BSc(H) Computer Science		University of Delhi		2007		
Permanent/ Temporary/ Contractual/ Adhoc Teaching Experience						
Designation		Institution	Duration	From	To	Nature



Assistant Professor	Ram Lal Anand College, University of Delhi	----	21.07.2026	Till Date	Permanent
Assistant Professor	College of Vocational Studies, University of Delhi	9 Years	2017	2026	Adhoc
Assistant Professor	Kalindi College, University of Delhi	3 Years	2013	2016	Adhoc

Industry Experience (If any)

Designation	Company	Duration	From	To
Software Engineer	Samsung Research Labs	15months	June 2010	September 2011
Software Engineer	Aricent Technologies Ltd.	1year 3months	September 2011	January 2013
Intern	Telecommunications Consultants India Ltd.(TCIL), TCIL Bhawan, Greater Kailash, New Delhi – 110048	6months	4 Jan 2010	25 June 2010

Research Experience

Designation	Institution	From	To

Administrative Assignments

ACADEMIC, INSTITUTIONAL AND UNIVERSITY CONTRIBUTIONS

1. Academic and Curriculum Development

- Involved in the design and revision of university guidelines and academic frameworks for:
 - Cyber Security
 - Cyber Forensics
 - Internetworking with TCP/IP
 - Blockchain
 - Research Methodology

- Contributed to syllabus design for M.Sc. Computer Science, University of Delhi, particularly for:
 - Research Methodology
 - Advanced Research Methodology
- Contributed to the development of academic guidelines for Software Testing for the B.A. programme, VI Semester (2013).
- Contributed to the development of academic guidelines for Unix Network Programming and Software Testing, B.Sc. (Hons.) Computer Science, VI Semester (January–April 2014).
- Contributed to university end-term examination paper setting for B.Sc. (Hons.) Computer Science, including:
 - Software Engineering — OBE examination during the COVID-19 pandemic
 - Data Analysis and Visualization (UPC-32347507) — December 2022
 - Data Mining (UPC-32347611) — May 2023
 - Software Testing — VI Semester, April–May 2014

2. Examination and Evaluation Responsibilities

- Appointed as Joint Examiner for Practical Examinations of B.Sc. (Hons.) Computer Science at colleges of the University of Delhi for:
 - Data Mining
 - Data Analysis and Visualization
 - Microprocessors
 - Java
- Received an Appreciation Certificate from the University of Delhi for being a key contributor to the evaluation of B.Sc. (Hons.) Computer Science paper Introduction to Data Sciences (June 2021), Evaluator ID: T013186, UPC: 32347608.
- Received an Appreciation Certificate from the University of Delhi for being a key contributor to the evaluation of B.Sc. (Hons.) Computer Science paper Programming Fundamentals using C++ (March 2021), during the COVID-19 pandemic, Evaluator ID: T013186, UPC: 32341101.

3. Institutional Responsibilities and Committees — College of Vocational Studies

- **Convenor**, Digital Literacy Program for Non-Teaching Staff, CVS (2026).
- **Co-Convenor**, GATE Cell, College of Vocational Studies (2026).
- **Committee Member**, Skill Enhancement Society, CVS (2026).
- **Core Team Member**, Internal Quality Assurance Cell (IQAC), CVS.
- **Co-Head**, team constituted for **NAAC Criterion 2**.
- **Solely coordinated and managed the Students' Satisfaction Survey (SSS)**, a mandatory component of the Self Study Report (SSR) for NAAC accreditation.
- **Core Committee Member**, Technical Society of College of Vocational Studies — *Encrypt*.
- **Member**, Staff Room Committee, College of Vocational Studies (2021–22).
- **Member**, Discipline Committee, College of Vocational Studies (2020–21).

4. Academic Events and Departmental Activities

- **Event Coordinator**, Seminar on “*Android Application Development*”, Department of Computer Science, College of Vocational Studies, 14 May 2020.
- **Event Coordinator**, Seminar on “*Roadmap to Become a Data Scientist*”, Department of Computer Science, College of Vocational Studies, 10 April 2021.

5. Professional and Academic Reviewing

- **Reviewer Board Member**, 8th Biennial International Conference on “Frontiers in AI: Shaping the Future of Management,” organized by Shri Guru Gobind Singh College of Commerce (SGGSC), University of Delhi, held at Sahibzada Ajit Singh Auditorium, SGGSC, on 9–10 April 2026.
- Served as Sub-Reviewer for WICT 2020 — 10th World Congress on Information and Communication Technologies.

6. Institutional Contributions — Kalindi College

- Contributed to the development of the college website of Kalindi College and served as a member of the Website Committee (2014).
- Contributed to the preparation of the Self Study Report (SSR) for NAAC, Kalindi College.
- Served as a Core Team Member for uploading repository data for the NAAC SSR, Kalindi College.
- Served as an active member of several committees for the annual cultural fest, Lehen, Kalindi College.

Areas of Interest / Specialisation

1. Artificial Intelligence
2. Software Engineering

Subjects Taught

Artificial Intelligence, Operating Systems, Theory of Computation, Machine Learning, Research Methodology, Data Mining, C++, R programming, Digital Empowerment, Software Engineering

Research Guidance (if any)

Guided five 4 th year Delhi University (CVS) students in their research work.
Research Projects (Major Grants/Research Collaboration)
Worked on Government funded project funded by “Samgra Shiksha”. The objective was to understand the role and responsibility of general teachers and principals in implementation of inclusive education with reference to CWSNs children. Major role was vetting of tools.
Publications
Authored and co-authored several research papers in the areas of Sentiment Analysis, Deep Learning, Super Learner frameworks, and Emoji-based sentiment classification , published in International journals and peer-reviewed conference proceedings. The publications include work appearing in Springer Nature's International Journals and the Lecture Notes in Networks and Systems (Springer) series. The research contributions demonstrate the application of machine learning, deep learning, ensemble learning, and enhanced lexicon-based approaches to sentiment analysis and natural language processing. Also contributed research work that has been communicated for publication in international venues.
Patents
Chapters in books and e-chapters (Published)
Author of book “Research Methodology: Using Generative AI” – a timely work addressing AI’s impact on research and education released by Vice Chancellor Prof. Yogesh Singh on 20th January 2026. Author of book “Emoji Based Sentiment Analysis” Author of book “E-Tourism: Digital Technologies, AI and Innovation in Tourism” Books Edited: MBAFT-7501: MANAGING E-BUSINESS of MBA program. Book chapters:

Chapter entitled "Machine Learning Algorithms for Smart Sensor Networks" is published in **Web of Science, EI-Compendex, DBLP, Scopus, Google Scholar and Springer link indexed Springer Book**.

Chapter entitled **“A novel Emoji based Deep Super Learner (EDSL) for sentiment classification”** is published in Book series: Lecture Notes in Networks and Systems (Springer),

Series URL: <https://www.springer.com/series/15179> Electronic ISSN 2367-3389

Print ISSN 2367-3370

Chapter entitled “MBAFT 7503 Strategic Management of Information Technology” is written for MBA course, SOL, University of Delhi.

Chapter entitled “MBAFT 7503 STRATEGIC IT MANAGEMENT SUCCESS AND FAILURE IN INDIAN INDUSTRY” is written for MBA course, SOL, University of Delhi, MBA.

3. Chapters entitled “Arrays”, “Linked Lists”, “Recursion in C++”, “Searching and Sorting”, “Stack” are written for the course “Data Structures using C++” for BA (P) CS course.

Self-Learning Material (SLM):

SLM written for MBA, School of Open Learning, University of Delhi – Analytics for Healthcare Management.

Prepared study material for BA(P) Computer Science, Semester II (NEP) for the subject “Data structures using C++”.

Conference Organisation/ Presentations

Submitted a research paper titled “Holographic Memory” at National Student’s Convention – 2009 which got published in BIJIT-2008.

Awards and Distinctions

Won the ACM Compute Teaching challenge 2021 organized by ACM, the world’s largest educational and scientific computing society and my submission has been selected for citation in the iSIGCSE website. A copy of the video and the link of presentation is on iSIGCSE website.

Awarded with a Memento and certificate for achieving second position in graduation, BSc. (H) CS & topped in the subject – “Artificial Intelligence” in the Delhi University with 96%.

Association With Professional Bodies
Computer Science Society of India – Life Member
Other Activities
Subject Matter Expert with TCS iON and NIELIT (Ministry of Education, Govt. of India) Authored numerous research articles in reputed Springer Nature Journals, contributed chapters to books in the field of computer science and management, and serves as an editor for prominent journals. Has reviewed numerous research articles in the listed SCOPUS/SCI International Journals: 1. Scientific Reports 2. International Journal of Machine Learning and Cybernetics 3. Language Resources and Evaluation 4. Journal of Big Data 5. Humanities and Social Sciences Communications 6. Computational and Mathematical Organization Theory 7. AI, Computer Science, and Robotics Technology (ACRT) Journal 8. Cognitive Computation 9. International Journal of Data Science and Analytics 10. Social Network Analysis and Mining 11. Discover Applied Sciences 12. Artificial Intelligence Review 13. Knowledge and Information Systems 14. Journal of Intelligent Information Systems 15. AI Perspectives & Advances 16. Discover Sustainability 17. Journal of Cloud Computing 18. National Academy Science Letters An active resource person in Faculty Development Programs (FDPs), delivering sessions in reputed institutions such as Jamia Millia Islamia, Department of Continuing Education, University of Delhi, and Ramanujan College, University of Delhi, among others. Have contributed extensively by writing Self-Learning Materials (SLMs), School of Open Learning (SOL), University of Delhi and recorded educational video lectures. Taken Live lectures for MBA students of School Of Open Learning, University of Delhi. MOOCs : School of Open Learning, University of Delhi for the subject BA(P) – Object Oriented Programming using C++.

MEDIA ENGAGEMENTS & EXPERT COMMENTARY

19 July 2023 — TV9 Bharatvarsh | Seema Haider Case

Invited as a technology/cybersecurity expert to discuss the Seema Haider case from the perspective of digital footprints, online identity and technology-enabled investigation.

Provided expert insights on the role of digital evidence and cybersecurity in analysing such cases.

21 July 2023 — TV9 Bharatvarsh | Book Release & Emoji-Based Sentiment Analysis

Discussed the application of emoji-based sentiment analysis and AI-driven approaches to understanding emotions and opinions in digital communication.

Shared insights on emerging NLP and sentiment-analysis techniques and their relevance to social media analytics.

07 August 2023 — India Today | National Education Policy (NEP) in India

Contributed expert perspectives on the National Education Policy (NEP) and the role of technology in transforming education in India.

Discussed opportunities and challenges associated with digital education and technology-enabled learning.

27 December 2023 — TV9 Bharatvarsh | Can EVMs Be Tampered With?

Provided expert commentary on the technical and cybersecurity aspects of Electronic Voting Machines (EVMs) and the possibility of tampering.

Explained issues related to electronic security, system integrity and the safeguards relevant to secure elections.

08 March 2024 — TV9 Bharatvarsh | “राम मंदिर की वेबसाइट हैक करने की साजिश: टीआरएफ के साइबर अटैक प्लान को कैसे किया गया नाकाम”

Provided cybersecurity expertise on the reported cyberattack plan targeting the Ram Mandir website, explaining the nature of the threat and preventive mechanisms.

Discussed cyberattack methodologies, website security and measures used to detect and mitigate such threats.

30 April 2024 — TV9 Bharatvarsh | Deepfakes: How to Identify Them

Discussed the growing threat of AI-generated deepfakes and explained practical methods for identifying manipulated audio-visual content.

Highlighted the importance of digital literacy, verification techniques and responsible use of generative AI.

30 July 2024 — TV9 Bharatvarsh | Online Gaming Threats & Impact on Young People

Provided expert insights into the cybersecurity, psychological and social risks associated with online gaming, particularly among young users.

Discussed digital addiction, online vulnerabilities and the need for greater awareness and responsible digital behaviour.

19 January 2026 — Zee TV | Future of AI & Threat of Deepfakes

Shared expert perspectives on the future of Artificial Intelligence, with particular emphasis on the growing threat posed by AI-generated deepfakes.

Discussed technological safeguards including two-factor authentication (2FA) and responsible digital practices.

17 February 2026 — TV9 Bharatvarsh | AI Summit — Future of AI & Global Policy

Invited to share expert insights on the future of AI, emerging technologies and global AI policy at the AI Summit.

Discussed the evolving relationship between technological innovation, governance and responsible AI adoption.

19 February 2026 — TV9 Bharatvarsh | AI Summit

Shared expert views on emerging developments in Artificial Intelligence, its societal implications and the evolving technology landscape.

Contributed to the public discourse on AI opportunities, challenges and responsible technological development.

20 February 2026 — Zee News | AI Regulation & Digital Responsibility

Discussed the evolving AI regulatory framework and its implications for digital responsibility and the future of AI governance.

Highlighted the need to balance innovation with accountability, safety and responsible use of emerging technologies.

26 May 2026 | TV9 Hausla On -Scam Gone

Participated as a technology expert to discuss online financial frauds, phishing, and scams, highlighting common threats faced by users.

Shared practical measures for preventing online fraud, protecting financial information, and responding safely to suspicious online activities.

01 June 2026 — TV9 Bharatvarsh | Ram Mandir Theft Case

Provided technology and cybersecurity perspectives on the Ram Mandir theft case, focusing on the role of digital technology and investigation.

Discussed how technological tools and digital evidence can support modern investigation and security mechanisms.

16 July 2026 — Zee News | India's Startup Ecosystem

Invited as an expert to share views on India's evolving startup ecosystem, including AI-led innovation, funding trends and entrepreneurship.

Discussed emerging opportunities and challenges shaping the future of Indian startups and technological innovation.

08 September 2026 — Zee News | Digital Literacy & Digital Empowerment

Shared expert perspectives on Digital Literacy and Digital Empowerment on the occasion of International Literacy Day.

Highlighted the importance of digital awareness, safe technology use and empowering citizens through responsible digital participation.



Signature of Faculty Member