



Faculty Profile: Dr Pardeep Singh

Department of Computer Science

Ram Lal Anand College, University of Delhi



Title	Dr.	Name:	Pardeep Singh				
Department		Computer Science					
Designation		Assistant Professor					
Phone		011-24112557					
Email		pardeep.cs@rla.du.ac.in pardeepsinghinfo@gmail.com					
Institutional Web page		https://rlacollege.edu.in/Departments_Comp_Sc.php					
Google Scholar ID		https://scholar.google.com/citations?user=5aRJrt4AAAAJ&hl=en					
Research Gate ID		https://www.researchgate.net/profile/Pardeep-Singh-17?ev=hdr_xprf					
ORCID ID		0000-0002-0021-3327					
Scopus ID		58635831600					
Vidwan ID		https://vidwan.inflibnet.ac.in/profile/692399					
Educational Qualifications							
Degree		Institution			Year		
Ph.D.		School of Computer & Systems Sciences, Jawaharlal Nehru University, Delhi.			2024		
M. Tech.		School of Computer & Systems Sciences, Jawaharlal Nehru University, Delhi.			2018		
Permanent/ Adhoc / Contractual/ Teaching Experience							
Designation		Institution		Duration	From	To	Nature

Assistant-Professor	Ram Lal Anand College, University of Delhi	—	01.10.2025	Till Date	Permanent
Assistant-Professor	Bennett University Greater Noida	1 Year, 6 Months, 11 Days	19.03.2024	30.09.2025	Permanent
Assistant-Professor	Kalindi College, University of Delhi	1 Year, 20 Days	18.01.2022	07.02.2023	Adhoc
Lecturer	Kathua Campus, University of Jammu	10 Months, 11 Days	30.09.2015	10.08.2016	Contractual
Teaching Assistant	GDC Reasi, University of Jammu	11 Months, 15 Days	16.08.2014	31.07.2015	Contractual
Teaching Assistant	Kishtwar Campus, University of Jammu	11 Months, 9 Days	07.08.2012	16.07.2013	Contractual
Research Experience					
Designation	Institution		From	To	
Visiting Researcher	Department of CSE, IIT Hyderabad.		23.11.2018	31.01.2019	
Research Intern	Department of CSE, IIT Hyderabad.		01.05.2018	30.06.2018	
Fellowships:					
1. Senior Research Fellow (University Grants Commission) August 2018 to August 2021.					
2. Junior Research Fellow (University Grants Commission) August 2016 to August 2018.					
Administrative Assignments					
1. Member, Career Counselling and Placement Committee.					
2. Member, Research and IPR Cell.					
3. Member, Student Progression Data Committee.					
Areas of Interest / Specialization					
1. Artificial Intelligence					
2. Natural Language Processing					
3. Machine Learning					
4. Deep Learning					
5. Agentic AI					

6. Social Computing
Subjects Taught
Artificial Intelligence, Machine Learning, Deep Learning, Information and image retrieval, DBMS.
Publications
1. Singh, N. K., Das, P., Singh, P., & Chand, S. (2025). Transformer-based multimodal framework for misogynous meme identification. <i>IETE Journal of Research</i>, pp. 1–15. 2. Singh, M., Singh, P., & Chand, S. (2024). Spatio-temporal deep learning framework for pedestrian intention prediction in urban traffic scenes. <i>AI Communications</i>, pp. 1–14. https://doi.org/10.3233/AIC-230053. 3. Singh, P., Lamsal, R., Singh, M., Shishodia, B., Sitaula, C., & Chand, S. (2024). Geocovaxtweets: A global analysis of COVID-19 vaccines and vaccination discourse on social media. <i>Journal of Intelligent & Fuzzy Systems</i>, pp. 1–17. https://doi.org/10.3233/JIFS-219418. 4. Das, P., Chand, S., Singh, N. K., & Singh, P. (2023). Automated road extraction from remotely sensed imagery using ConnectNet. <i>Journal of the Indian Society of Remote Sensing</i>, 51(10), 2105–2120. https://doi.org/10.1007/s12524-023-01747-4. 5. Singh, M., Singh, P., & Chand, S. (2023). Computer vision-based framework for pedestrian movement direction recognition. <i>Journal of Intelligent & Fuzzy Systems</i>, 44(5), 8015–8027. https://doi.org/10.3233/JIFS-223283. 6. Singh, M., Singh, P., & Chand, S. (2023). SkeletonNet: A CNN-GRU deep learning framework for human activity recognition using skeleton data. <i>Journal of Information Assurance & Security</i>, 18(2). 7. Singh, N. K., Singh, P., Das, P., & Chand, S. (2023). XRBI-GAC: A hybrid deep learning framework for multilingual toxicity detection. <i>Journal of Intelligent & Fuzzy Systems</i>, 45(1), 1409–1421. https://doi.org/10.3233/JIFS-224536. 8. Singh, P., Singh, M. S., Singh, N. K., & Chand, S. (2023). mBERT-GRU multilingual deep learning framework for hate speech detection in social media. <i>Journal of Intelligent & Fuzzy Systems</i>, 44(5), 8177–8192. https://doi.org/10.3233/JIFS-222057.

Conference Proceedings.

1. M. Singh, P. Singh, and S. Chand, “Deep-learning and spatio-temporal incremental clustering based human detection and tracking,” in 2022 International Conference on Computing, Communication, and Intelligent Systems (ICCCIS), IEEE, 2022, pp. 719–722. doi: 10.1109/ICCCIS56430.2022.10037588.
2. M. Singh, P. Singh, and S. Chand, “Skeleton-based human activity recognition using bidirectional lstm,” in International Conference on Intelligent Systems Design and Applications, Springer, 2022, pp. 150–159. doi: https://doi.org/10.1007/978-3-031-35501-1_15.
3. N. K. Singh, P. Singh, and S. Chand, “Deep learning based methods for cyberbullying detection on social media,” in 2022 International Conference on Computing, Communication, and Intelligent Systems (ICCCIS), IEEE, 2022, pp. 521–525. doi: 10.1109/ICCCIS56430.2022.10037729.
4. P. Singh, Monika, B. Shishodia, and S. Chand, “Twitter-based disaster response framework using electra transformer,” in Workshop on Mining Data for Financial Applications, Springer, 2022, pp. 507–516. doi: https://doi.org/10.1007/978-981-99-1620-7_39.
5. P. Singh and S. Chand, “Predicting the popularity of rumors in social media using machine learning,” in Social Networking and Computational Intelligence: Proceedings of SCI-2018, Springer, 2020, pp. 775–789. doi: https://doi.org/10.1007/978-981-15-2071-6_65.
6. P. Singh and S. Chand, “Pardeep at semeval-2019 task 6: Identifying and categorizing offensive language in social media using deep learning,” in Proceedings of the 13th international workshop on semantic evaluation, 2019, pp. 727–734. doi: 18653/v1/S19-2128.

Awards and Honors

1. Best Paper Award at the 3rd International Conference on Machine Intelligence & Data Science Applications (MIDAS-2022), held on December 7–8, 2022, at University of Versailles – Paris Saclay, France.
2. Travel Grant, ACM India Joint International Conference on Data Science & Management of Data (CoDS-COMAD 2020), held at Indian School of Business, Hyderabad, India, January 5–7, 2020.
3. Travel Grant, ACM India Joint International Conference on Data Science & Management of Data (CoDS-COMAD 2019), held at Swissotel, Kolkata, India, January 3–5, 2019.
4. Faculty Advisor, Google Student Developer Club, Kalindi College, University of Delhi (2022–2023).
5. Microsoft Student Partner Alpha2, representing Microsoft at Jawaharlal Nehru University, New Delhi (2019–2020).
6. Vice-Chair, IEEE Student Branch, Jawaharlal Nehru University (2019–2020).

Association With Professional Bodies
1. IEEE – Senior Member
Other Activities
Reviewer: 1. Reviewer for Information Processing and Management Journal, Elsevier. 2. Reviewer for Frontiers in Digital Health Journal, Frontiers. 3. Reviewer and session chair for second International Conference on Artificial Intelligence and Emerging Technologies (AISUMMIT 2025) organised by Bennett University Greater Noida during 19-21, November 2025. FDP/FIP/ Short-Term Courses: 1. Successfully completed the 40 Hours Faculty Development Programme (FDP) on Agentic AI, jointly organized by IIITDM Jabalpur, IIT Kanpur and MNIT Jaipur, from 18 May 2026 to 29 May 2026. 2. Successfully completed the UGC sponsored Faculty Induction Programme (Guru-Dakshata) organized by UGC-Malaviya Mission Teacher Training Centre (MMTTC), Himachal Pradesh University, Shimla, from 20 April 2026 to 16 May 2026. 3. Successfully completed the NEP 2020 Orientation & Sensitization Programme, Centre for Professional Development in Higher Education (UGC-MMTTC), University of Delhi, under the Malaviya Mission Teacher Training Programme (MM-TTP) of UGC, from 03 September 2025 to 11 September 2025. 4. Successfully completed the AICTE Training and Learning (ATAL) Academy Faculty Development Program on Demystifying Transformers: The Brains Behind Generative AI, organized by Vellore Institute of Technology, from 25 August 2025 to 30 August 2025. 5. Attended a six-day course on Analytics Using R, organized by Ram Lal Anand College, University of Delhi. 6. Attended a one-week short-term course on Recent Trends in Network Security, organized by IIT Roorkee. 7. Attended a two-day short-term course on Network Analysis and Cloud Security, organized by IIT Indore. 8. Attended a five-day TEQIP-III sponsored short-term course on Deep Learning for Natural Language Processing (NLP), organized by the Department of Computer Science and Engineering, IIT Guwahati, from 18–22 November 2019.

Workshop / Symposium / Conference (Attended / Organized):

1. Organized and volunteered at the 1st International Conference on Networks and Cryptology (NETCRYPT-2019), organized by the School of Computer & System Sciences, Jawaharlal Nehru University, New Delhi, June 14–16, 2019.
2. Participated in a three-day Global Symposium on *Artificial Intelligence in Governance & Disaster Management*, organized by the Special Centre for Disaster Research, JNU, in collaboration with NITI Aayog, NDMA, and NIDM, March 11–13, 2019.
3. Participated in a two-day workshop on *Computer Vision and Machine Learning Using Python (WCVMLPy)*, organized by SC&SS, JNU, February 1–2, 2019.
4. Participated in a workshop on *VLSI Systems (VLSI-2019)*, organized by SC&SS, JNU, January 9–11, 2019.
5. Participated in a twelve-day GIAN workshop on *Cloud Data Center Service Provisioning: Theoretical and Practical Approaches*, organized by SC&SS, JNU, January 29 – February 9, 2018.
6. Participated in a four-day GIAN workshop on *Social and Information Network Analysis*, organized by IIT Hyderabad, December 11–14, 2017.
7. Participated in a two-day National Workshop on *Emerging Challenges of Cyber Crimes in India*, organized by SC&SS, JNU, October 9–10, 2017.
8. Organized and volunteered in a two-day International Workshop on *Big Data Analytics (WBDA-2017)*, organized by SC&SS, JNU, March 17–18, 2017.
9. Participated in a two-week ISTE Workshop on *Database Management System* under the National Mission on Education through ICT (MHRD, Govt. of India), conducted by IIT Bombay at Shri Mata Vaishno Devi University, Katra (J&K), May 21–31, 2013.
10. Participated in a UGC-sponsored one-week National Workshop on *Digital Image Processing Using MATLAB*, organized by Punjabi University, Patiala, November 29 – December 5, 2012.

Invited Talks / Resource Person / Idea Presentation:

1. Presented and submitted an idea titled “*Leveraging Social Media towards Understanding Anti-Vaccination Campaigns in India*” at Idea Competition 2019, organized by the Department of Science and Technology, New Delhi, in association with Jawaharlal Nehru University, February 27, 2019.
2. Presented a poster on National Science Day 2019 at Jawaharlal Nehru University, New Delhi, sponsored by the Department of Science & Technology, Govt. of India.
3. Delivered a talk as Resource Person on “*Basic and Emerging Technologies in Web*” during a one-week workshop (February 13–21, 2012), organized by NCC Directorate J&K.
4. Delivered an expert lecture on “*Open Source Unleashed*” at the National Seminar on Information Technology and its Applications in Industry, November 3–4, 2012, organized by the Department of Computer Science & IT, Kishtwar Campus, University of Jammu.

5. Delivered an expert lecture on “*Role of Information Technology in Business and its Applications in Industry*” on February 5, 2013, at a workshop organized by Jammu and Kashmir Entrepreneurship Development Institute (JKEDI).

A handwritten signature in blue ink, appearing to be 'R. S. Ar.' with a stylized flourish at the end.

Signature of Faculty Member