Mr. Rajeev Kumar Rai		
Designation	Assistant Professor	
Department	Computer Science	
Address (Official)	Kalindi College, University of Delhi, East Patel Nagar, New Delhi-110008.	
Email	rajeevkumar@kalindi.du.ac.in	

Education			
Degree	**Institution**	**Year**	**Details**
M.Tech.	School of Computer Science, Devi Ahilya University, Indore	2013	1st division
B.Tech.	SSITM, Aligarh	2006	1st division

Career Profile			
Organisation/Institution	**Designation**	**Duration**	**Role**
Kalindi College (University of Delhi)	Assistant Professor	From 7 March 2024 – Till Date	Teaching
Kalindi College (University of Delhi)	Assistant Professor (Guest)	6 Months	Teaching
Aryabhatta College (University of Delhi)	Assistant Professor (Ad-hoc)	1 Year 9 Months	Teaching
Kalindi College (University of Delhi)	Assistant Professor (Ad-hoc)	4 Years 9 Months	Teaching
Bansal Institute of Engineering and Technology, Lucknow	Assistant Professor	3 Years 6 Months	Teaching
RRSIMT, Amethi	Sr. Lecturer	3 Years	Teaching
SITM, Lucknow	Lecturer	1 Year	Teaching

Research Interests / Specialization
Algorithms, Machine Learning, Deep Learning, Software Engineering

Administrative Assignments / Contribution to Corporate Life	
2026–27	Convener, NIRF; Co-convener, IQAC
2025–26	Convener, AISHE; Co-convener, IQAC; Teacher-in-Charge, B.Voc. (Web Designing)
2024–25	Convener, AISHE; Teacher-in-Charge, B.Voc. (Web Designing)
2022	Member, NAAC Core Committee; Member, Purchase Committee

2021	Deputy Co-ordinator, B.Voc.
2013–2016	Co-ordinator, M.Tech.
2008–2011	Co-ordinator, B.Tech.

Curriculum / Syllabus Development

Syllabus Design Committee, B.Voc. (Web Designing), Semesters VII and VIII, Kalindi College, University of Delhi, 2025:

- Convener – Data Structures and Algorithm Design (DSC-19), Semester VII
- Co-convener – Advanced Java Programming and Web Technologies (DSC), Semester VIII
- Member – Machine Learning Fundamentals (DSE), Semester VII

Teaching Experience (Subjects / Courses Taught)

Courses Taught

B.Sc. (H) Computer Science, B.Sc. (Physical Sciences), B.Voc. (Web Designing), B.Tech. (Computer Science), M.Tech. (Computer Science)

Subjects Taught

Java, Design and Analysis of Algorithms, Advanced Algorithms, Data Mining, Information Security, Operating Systems, Database Management Systems, Software Engineering

Research Guidance

- M.Tech.: 12 students
- 2025–26: 7 undergraduate students – B.Sc. (Hons.) Computer Science and B.Voc. (Web Designing)

Books / Self-Learning Material Authored

- Authored the complete Self-Learning Material (SLM) on Research Methodology for Computer Science students, School of Open Learning, University of Delhi.

Publications (Peer Reviewed / Indexed Journals)

- R. K. Rai, A. Singh, R. Srivastava, G. Kumar, “Fetal ECG Arrhythmia Detection Based on DenseNet Transfer Learning”, Frontiers in Biomedical Technologies, Vol. 10, No. 4, 2023.
- Rajeev Kumar Rai, et al., “A Modified Security Architecture for Mobile Agent Based Creeper”, International Journal of Advanced Science and Technology, Vol. 29, No. 1, pp. 748–752, 2020.
- Asma Abdi, R. K. Rai, “Genetic Algorithm: A Reliable Solution for AgriBusiness System”, IJIESM, Vol. 4, Issue 11, November 2016.

Publications (Conference Proceedings)

- R. K. Rai, P. Singh, A. Singh, “AI-Enabled Multimodal Medical Image Fusion: Recent Advances”, 2026 International Conference on Intelligent Systems in Engineering, Secured Systems and Cybersecurity (ICISESSC), Greater Noida, India, IEEE, 2026, pp. 395–400. DOI: 10.1109/ICISESSC68634.2026.11542762.
- D. Sharma, R. K. Rai, P. Aggarwal, “Empirical Analysis and Comparative Stability of Temperature Patterns under Vikram Samvat Versus Gregorian Calendars (2018–2025) Using Machine Learning”, in Proceedings of the International Conference on Artificial Intelligence and Cyber Security (ICAICS 2025), Lecture Notes in Networks and Systems, Vol. 2024, Springer, Cham, pp. 479–490, 2026. DOI:

10.1007/978-3-032-28379-5_38.

Seminars / Workshops / Conferences – Presentation & Organisation

- Remote Centre Coordinator for various IIT Bombay workshops.
- 1-week ISTE Workshop on DBMS conducted by IIT Bombay.
- 4-day ISTE Workshop on Education Technology conducted by IIT Bombay.
- 10-day ISTE Workshop on Cyber Security conducted by IIT Bombay.

Awards & Distinctions

- Qualified GATE in 2008, 2011, 2013 and 2018 in Computer Science.
- Qualified UGC-NET (2014) in Computer Science.

Industry–Academic Contribution

- Developed a 1-month MOOC on Data Science using Python for the National Small Industries Corporation, Ministry of MSME, Government of India.
- Developed a 1-month MOOC on Google Tools for Everyone for the National Small Industries Corporation, Ministry of MSME, Government of India.
- Designed a short-term certificate course on Data Analytics for Policy Research for the Centre for Public Policy and Governance, Institute of Social Sciences, New Delhi.
- Mentored two students during a two-month internship programme at the Indian Knowledge System, New Delhi, in 2022.