

Dr. Aravendra Kumar Sharma

Academic Profile

Dr. Aravendra Kumar Sharma is an accomplished academician and researcher with over 14 years of teaching and research experience in Computer Science and Engineering. He is currently serving as an Assistant Professor in the Department of Computer Science & Applications at ITM University, Gwalior. He has previously worked with IMS Ghaziabad and Galgotias University, Greater Noida, and has also served as a Guest Faculty at the Institute of Accountancy, Arusha, Tanzania.

He completed his B.E. in Computer Science & Engineering from LNCT, Bhopal, M.Tech. in Information Security from MNNIT Allahabad, and Ph.D. in Computer Science & Engineering from Sunrise University, Alwar. His doctoral research focused on Enhancing Security in Internet of Vehicles (IoV) using Lightweight Blockchain-Based Solutions for Mobile IoT Systems.

His research interests include Internet of Things (IoT), Internet of Vehicles (IoV), Blockchain Technology, Network Security, Cyber Security, Machine Learning, Artificial Intelligence, Cloud Computing, Wireless Sensor Networks, and Data Analytics. He has published numerous research papers in Scopus-indexed IEEE conferences, ESCI journals, and reputed international publications, along with several book chapters published by Springer, Taylor & Francis (Routledge), and Bentham Science.

He secured 98.86 percentile in GATE 2010, 98.20 percentile in GATE 2012, 95.30 percentile in GATE 2017, and qualified UGC-NET (2017–18). He has been granted multiple copyrights by the Copyright Office, Government of India in Machine Learning, Deep Learning, NLP, IoT, and Intelligent Computing.

He has held several academic leadership roles including B.Tech CSE Program Coordinator, Exam Coordinator, Assistant Director–Student Connect, NBA/NAAC Coordinator, MOOCs Coordinator, Placement Coordinator, and Academic Coordinator. He has organized FDPs and workshops with IIT Roorkee, IIT Kanpur, IBM, Google Developers, and MPCST, and delivered expert lectures on Machine Learning Applications in Cyber Crime Investigation.

His teaching interests include Design and Analysis of Algorithms, Theory of Automata, Data Structures, Compiler Design, Computer Networks, and Network Security. He is committed to outcome-based education, quality research, innovation, and student mentoring.