Dr. Chiranjit Dutta

Assistant Professor
Department of CSE
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Professional Qualification:

- Ph.D in Computer Science and Engineering from Shobhit University, Meerut, 2020.
- M.Tech in Computer Science and Engineering from Dr. MGR University, Chennai, 2010.
- B.Tech in Computer Science and Engineering from West Bengal University of Technology, Kolkata, 2008.

Fields of Interest/Specialization:

Data Mining, Machine Learning, Software Engineering, Artificial Intelligence, Networks and Cyber Security, Wireless Sensor Networks.

International Journal Publications:

- Multi-view Deep CNN for Automated Target Recognition and Classification of Synthetic Aperture Radar Image, Journal of Advances in Information Technology (JAIT), **(Scopus)** ISSN: 1798-2340, vol. 13, issue 5, pp. 413-422, October 2022.
- An Empirical Investigation in Analysing the Critical Factors of Artificial Intelligence in Influencing the Food Processing Industry: A Multivariate Analysis of Variance (MANOVA) Approach, Journal of Food Quality, **(SCI)** ISSN: 1745-4557, Volume 2022, Article ID 2197717, 7 pages, May 2022.
- Green energy aware and cluster based communication for future load prediction in IoT, Sustainable Energy Technologies and Assessments, **(SCI)** ISSN: 2213-1388, Volume 52, ID 102244, 9 pages, April 2022.
- An extensive review of performance enhancement techniques for pyramid solar still for solar thermal applications, Desalination, **(SCI)** ISSN: 0011-9164, Volume 532, ID 115692, March 2022.
- Analyzing the Performance of Machine Learning Techniques in Disease Prediction, Journal of Food Quality, **(SCI)** ISSN: 1745-4557, Volume 2022, Article ID 7529472, 9 pages, March 2022.
- Vigorous IDS on Nefarious Operations and Threat Analysis using Ensemble Machine Learning, Revue d'Intelligence Artificielle (RIA), **(Scopus)** ISSN: 0992-499X, vol. 35, issue 6, pp. 467-475, December, 2021.
- Efficient Data Transmission Technique using Artificial Intelligence in Clustered VANET, Journal of Analysis and Computation (JAC), **(UGC)**, ISSN: 0973-2861, vol. 13, issue 2, pp. 64-71, February 2019.
- A Hybridization of Artificial Neural Network and Support Vector Machine for Prevention of Road Accidents in VANET, International Journal of Computer Engineering & Technology (IJCET), **(UGC)**, ISSN: 0976-6375, vol. 10, issue 1, pp. 110-116, January 2019.
- An Approach for Image Encryption using Modified CAST-128 based Algorithm, International Journal of Engineering & Science Research (IJESR), ISSN: 2277-2685, vol. 7, issue 12, pp. 205-213, December 2017.
- Survey of Software Testing Techniques, International Journal of Engineering Research & Management Technology (IJERMT), ISSN: 2348-4039, vol. 3, issue 6, pp. 86-103, November 2016.
- Secured Video Compression Techniques, International Journal of Education & Science Research Review (IJESRR), ISSN: 2348-6457, vol. 3, issue 4, pp. 33-44, August 2016.

- Automatic Face Detection using RGB Color Model for Authentication, International Journal of Soft Computing and Engineering (IJSCE), ISSN: 2231-2307, vol. 5, issue 5, pp. 70-73, November 2015.
- Increasing Efficiency & Detailing in Analysis of Marketing Trends using SAS, International Journal of Soft Computing and Engineering (IJSCE), ISSN: 2231-2307, vol. 5, issue 4, pp. 40-45, September 2015.
- Encryption Quality and Security Evaluation on Photon invalidate using Quantum Cryptography, International Journal of Advanced Research in Engineering Technology and Sciences (IJARETS), ISSN: 2394-2819, vol. 2, issue 5, pp. 104-109, May 2015.
- Secure Data Storage in Cloud Computing, International Journal of Engineering Research & Management Technology (IJERMT), ISSN: 2348-4039, vol. 1, issue 6, pp. 54-59, November 2014.
- Layered Approach using Conditional Random Fields for Intrusion Detection, International Journal of Engineering Research & Management Technology (IJERMT), ISSN: 2348-4039, vol. 1, issue 6, pp. 65-68, November 2014.
- To Provide Security through Agent Mining System, International Journal of Education & Science Research Review (IJESRR), ISSN: 2348-6457, vol. 1, issue 5, pp. 68-73, October 2014.
- Approach for Information Leakage and Redundancy in Fine Grained Access Control, International Journal of Education & Science Research Review (IJESRR), ISSN: 2348-6457, vol. 1, issue 5, pp. 74-79, October 2014.
- Authentication Protocol based Public Key Cryptography using Kerberos, International Journal of Engineering & Science Research (IJESR), ISSN: 2277-2685, vol. 3, issue 4, pp. 2904-2911, April 2013.
- Applying Security in Organization using Activity and Identity Management of Employee, International Journal of Engineering & Science Research (IJESR), ISSN: 2277-2685, vol. 3, issue 4, pp. 2918-2924, April 2013.
- A Synchronization Algorithm of Mobile Database for Cloud Computing, International Journal of Application or Innovation in Engineering & Management (IJAIEM), ISSN: 2319-4847, vol. 2, issue 3, pp. 491-497, March 2013.
- Voice over Internet Protocol, International Journal of Engineering & Management Technology (IJEMT), ISSN: 2320-7043, vol. 1, issue 1, pp. 143-148, March 2013.
- Enhancement of DNA Memory Technology using Compression Algorithm, SRM International Journal of Engineering and Sciences (SRMIJES), ISSN: 2322-0236, vol. 1, issue 1, pp. 7-11, March 2013.
- Duplicity Detection System for Digital Documents, International Journal of Soft Computing and Engineering (IJSCE), ISSN: 2231-2307, vol. 2, issue 5, pp. 24-28, November 2012.
- Sustainable IPv4 to IPv6Transition, International Journal of Advanced Research in Computer Science and Software Engineering (IJARCSSE), ISSN: 2277-128X, vol. 2, issue 10, pp. 298-305, October 2012.
- Enhancement of Pix-O-Mania using all Digital Images, International Journal of Engineering & Science Research (IJESR), ISSN: 2277-2685, vol. 2, issue 9, pp. 1217-1221, September 2012.
- Load Balancing using Fuzzy based Ant Colony Optimization in MANET, International Journal of Engineering & Science Research (IJESR), ISSN: 2277-2685, vol. 2, issue 9, pp. 1121-1136, September 2012.

International/National Conferences:

- Promising Highest Resilient Network using preventive Route selection algorithm-IPSDSDV in MANET, International Conference on Emerging Technologies in Data Mining and Information Security (IEMIS), **Springer (Scopus)** held at Institute of Engineering and Management, Kolkata, India, 2nd-4th July 2020.
- Bandwidth Constrained QoS Routing in MANET, International Conference on Computational Intelligence in Pattern Recognition (CIPR), **Springer (Scopus)** held at Institute of Engineering and Management, Kolkata, India, 4th-5th January 2020.
- A Review on Enhancement of Road Safety in Vehicular Ad-Hoc Networks, International Conference on Recent Developments in Science, Engineering and Technology (REDSET), **Springer (Scopus)** held at GD Goenka University, Gurgaon, India, 15th-16th November 2019.

- Intelligent Parking using Wireless Sensor Networks: A Review, International Conference on Recent Developments in Science, Engineering and Technology (REDSET), **Springer (Scopus)** held at GD Goenka University, Gurgaon, India, 15th-16th November 2019.
- A Review of Challenges and Issues in Adopting Big Data Technology for Enterprises, International Conference on Advancement in Engineering sciences (AES) held at Shri Mata Vaishno Devi University, Katra (J&K), India, 28th-29th September 2019.
- An Improved Vehicle Parking Mechanism to reduce Parking Space Searching Time using Firefly Algorithm and Feed Forward Back Propagation Method, International Conference on Computational Intelligence and Data Science (ICCIDS), **Elsevier (Scopus)** held at Northcap University, Gurgaon, India, 6th-7th September 2019.
- Analyzing Major Issues and Challenges in Adoption of Internet of Things, International Conference on Future Communication & Computing Technology (ICFCCT) held at Meerut Institute of Engineering & Technology, Meerut, India, 17th-18th July 2019.
- An Approach for Improving Highway Safety and Traffic Management in Vehicular Ad-hoc Networks, Annual Conference of Vijnana Parishad of India on Modeling, Optimization and Computing for Technological and Sustainable Development (MOCTSD) held at SRM Institute of Science & Technology, Delhi NCR Campus, Ghaziabad, India, 26th-28th April 2019.
- A Novel Clustering Concept for Quick Information Dissemination using Artificial Neural Networks, International Conference on Recent Trends in Computing (ICRTC) held at SRM Institute of Science & Technology, Delhi NCR Campus, Ghaziabad, India, 27th-28th December 2018.
- A Cross Validated Clustering Technique to Prevent Road Accidents in VANET, International Conference on System Modeling & Advancement in Research Trends (SMART), **IEEE (Scopus)** held at Teerthankar Mahaveer University, Moradabad, India, 23rd-24th November 2018.
- Application of Internet of Things in Fast Moving Consumer Goods sector to Increase Business Efficiency, International Conference on Green Computing & Internet of Things (ICGIoT), **IEEE (Scopus)** held at Global Academy of Technology, Bangalore, India, 16th-18th August 2018.
- Liver Disease Detection due to Excessive Alcoholism using Data Mining Techniques, International Conference on Advances in Computing & Communication Engineering (ICACCE), **IEEE (Scopus)** held at ECE School of Engineering, Paris, France, 22nd-23rd June 2018.
- Enhancement of Road Safety in Vehicular Ad-hoc Networks, National Conference on Nanoscience and Technologies in Digital India (NANOTCON), held at Shobhit Deemed University, Meerut, India, 27th-28th April 2018.
- Trap for Hackers: Network Intrusion and Detection, International Conference on Recent Development in Computational and Information Technology (ICRDCIT), held at SRM University, Delhi NCR Campus, Ghaziabad, India, 7th-8th March 2014.
- Enhancement of Pix-O-Mania using all Digital Images, National Conference on Recent Development in Computational and Information Technology (NCRDCIT), held at SRM University, Delhi NCR Campus, Ghaziabad, India, 7th-8th September 2012.
- Load Balancing using Fuzzy based Ant Colony Optimization in MANET, National Conference on Recent Development in Computational and Information Technology (NCRDCIT), held at SRM University, Delhi NCR Campus, Ghaziabad, India, 7th-8th September 2012.
- A Modified CAST-128 based Algorithm for Image Encryption, National Conference on Data Mining and Warehousing (NCDMW), held at Lingaya's University, Faridabad, India, 13th-14th April 2012.
- Fingerprint Recognition using Properties of a Minutia, National Conference on Excellence in Technology and Management (NCETM), held at Sunder Deep Engineering College, Ghaziabad, India, 7th-8th May 2011.
- Secured Agent Mining System- Data Mining, National Conference on Computer Communication and Networking (NCCCN), held at Fomra Institute of Technology, Chennai, India, 9th-10th April 2010.

Patents:

- Indian Patent: "Artificial Intelligence based Smart Health Care System for Early Prediction of Colorectal Cancer using Machine Learning, Data mining and Electronic Medical Records", Application no. 202341030196, Published on 05/05/2023.
- Indian Patent: "Artificial Intelligence and Computational Intelligence based Smart and Sustainable Healthcare Systems using IoT", Application no. 202341019166, Published on 31/03/2023.
- Indian Patent: "A Method and System for using Blockchain Technology in the Configuration of Effective Learning Management Systems", Application no. 202311007292, Published on 17/02/2023.
- Indian Patent: "IoT and Cryptography Algorithm of Secure Data Storage System in Distributed Cloud System with Big Data using Deep Learning and Fuzzy Logic", Application no. 202311004173, Published on 27/01/2023.
- Indian Patent: "AI and ML based effective and accurate system for predicting heart disease and improving Health Care Sector", Application no. 202211003382, Published on 28/01/2022.
- Indian Patent: "Machine Learning based Prediction and Diagnosis of Various Heart Diseases to Prevent at Early Stage with Affordable Rate using Data Mining Techniques", Application no. 202211000653, Published on 14/01/2022.
- Indian Patent: "CV based Accident Avoidance System through Video Surveillance using Deep Learning Algorithms", Application no. 202111056539, Published on 17/12/2021.
- Indian Patent: "Implementation of Smart farming System using IOT, Cloud computing and Wireless Sensor Network", Application no. 202141056579, Published on 10/12/2021.
- Indian Patent: "System and Method for Determining and Pacifying Network Threats by using Data Science", Application no. 202111009834, Published on 26/03/2021.
- Indian Patent: "An Efficient and Cost Effective System Design For Low Cost Cloud Resource Management", Application no. 202111004571, Published on 19/02/2021.

Books:

- Book titled: "Software Engineering", Good Writers Publishing House, ISBN: 978-93-5756-022-1.

Certifications/MOOCs:

- Recognized as a Microsoft Technology Associate for Introduction to Programming using Python.
- AWS Cloud Practitioner Essentials from AWS Training and Certification.
- Blockchain Concepts Module from Indian Blockchain Institute.
- MongoDB Basics course from MongoDB University.
- The Fundamentals of Digital Marketing from Google Digital Garage.
- Introduction to Artificial Intelligence from Simplilearn.
- Introduction to Data Analytics from Simplilearn.
- IT Fundamentals for Cybersecurity Specialization from IBM through Coursera.
- AWS Fundamentals Specialization from AWS through Coursera.
- Cloud Computing Basics from LearnQuest through Coursera.
- Google Kubernetes Engine from Google Cloud through Coursera.
- AI for Everyone from deeplearning.ai through Coursera.
- Data Science Ethics from University of Michigan through Coursera.
- G Suite Security from Google Cloud through Coursera.
- Data Science in Real Life from Johns Hopkins University through Coursera.
- Machine Learning for All from University of London through Coursera.
- Blockchain Basics from University at Buffalo through Coursera.
- Blockchain Platforms from University at Buffalo through Coursera.

- Cybersecurity and Its Ten domains from University System of Georgia through Coursera.
- Python for Data Science from Udemy.
- AWS Concepts from Udemy.
- Introduction to Python Programming from Udemy.
- Introduction to Internet of Things and Cloud from Udemy.
- Fundamentals of Cloud Computing from Udemy.
- Hadoop Starter Kit from Udemy.
- Google Cloud Concepts from Udemy.
- Introduction to AWS Cloud Computing from Udemy.
- Data Analytics with Python from NPTEL.
- Software Conceptual Design from NPTEL.
- Cloud Computing from NPTEL.
- Software Engineering from NPTEL.
- Big Data Computing from NPTEL.
- Introduction to Internet of Things from NPTEL.
- Software Testing from NPTEL.
- Oracle-PL/SQL under Oracle's Workshop Development Program from Oracle University.
- Oracle-SQL under Oracle's Workshop Development Program from Oracle University.

Awards and Achievements:

- Contributed as a part of **Content Augmentation in the SPOCATHON** event organized by National Programme on Technology Enhanced Learning (NPTEL) in 2020.
- Received **Corona Warrior Award 2020** recognized by Ministry of Corporate Affairs Govt. of India in association with All India Eminent Faculty Council of Engineering, Management & Technology in 2020.
- Certified as **Topper with Gold Medal** (100% Marks) in Introduction to Internet of Things by National Programme on Technology Enhanced Learning (NPTEL) in 2019.
- Awarded as **Best Faculty on Teacher's Day** at SRM Institute of Science & Technology, Delhi NCR Campus in 2018.
- Secured **1st Position** and Won Cash Prize in FunTech Competition held at SRM University, Delhi NCR Campus in 2015.
- Received Letter of Appreciation for **Excellent Academic Performance and Valuable Contribution to the Growth of Organization** from SRM University, Delhi NCR Campus in 2012.

FDP/Workshop/Seminar Attended:

- Faculty Development Programme on Emerging Trends and Applications of Machine Learning based Artificial Intelligence held at SRM Institute of Science and Technology, Delhi-NCR Campus from $20^{th} - 25^{th}$ February 2023.
- Faculty Development Programme on Advanced Security Analytics and Machine Learning held at SRM Institute of Science and Technology, Delhi-NCR Campus from $18^{th} - 23^{rd}$ April 2022.
- Faculty Development Programme on Cyber Physical Systems and Industrial IOT in association with AICTE Training and Learning Academy (ATAL) held at SRM Institute of Science and Technology, Delhi-NCR Campus from $17^{th} - 21^{st}$ January 2022.
- Faculty Development Programme on Advanced Technologies for Societal Changes: A 360-degree view in association with AICTE Training and Learning Academy (ATAL) held at University of Petroleum and Energy Studies, Dehradun from $22^{nd} - 26^{th}$ November 2021.
- Faculty Development Programme on Building Data Science Applications with Python held at Raj Kumar Goel Institute of Technology, Ghaziabad from $7^{th} - 11^{th}$ September 2021.

- Faculty Development Programme on Deep Learning for Computer Vision in association with AICTE Training and Learning Academy (ATAL) held at Krishna Institute of Engineering and Technology, Ghaziabad from 26th – 30th July 2021.
- Faculty Development Programme on Computer Science & Biology in association with AICTE Training and Learning Academy (ATAL) held at SRM Institute of Science and Technology, Delhi-NCR Campus from 19th – 23rd October 2020.
- Faculty Development Programme on Artificial Intelligence and Machine Learning Using Python in collaboration with TEQIP-III held at Rajasthan Technical University, Kota from 10th-12th September 2020.
- Webinar on New Education Policy-2020 organized by Department of Higher Education, Uttar Pradesh on 31st August 2020.
- AICTE Approved Short Term Course on Applications of IOT held at GRIET in collaboration with National Institute of Technical Teachers Training and Research (NITTTR) Chandigarh from 16th-20th June 2021.
- Faculty Development Programme on Cyber Security in association with AICTE Training and Learning Academy (ATAL) held at Jawaharlal Nehru University (JNU), New Delhi from 26th-30th May 2020.
- Faculty Development Programme on Cloud Infrastructure and Virtualization held at Institute of Aeronautical Engineering, Hyderabad from 25th-29th May 2020.
- Webinar on Engineering Code of Ethics organized by IEEE-USA on 28th May 2020.
- Webinar on Continuous Improvement and ABET Accreditation Process organized by IEEE Kerala Section in association with APJ Abdul Kalam Technological University, Kerala on 22nd May 2020.
- Webinar on Beyond the Safety Aspect of Your Return-to-Work Plan – How to Smoothly Re-open Your Workplace and Increase Employee Engagement and Productivity organized by IEEE-USA on 19th May 2020.
- Webinar on Engineering Management organized by University at Buffalo, New York on 18th May 2020.
- Online Workshop on Scientific Writing for Journals organized by Springer Nature on 15th May 2020.
- Faculty Development Programme on Artificial Intelligence in association with AICTE Training and Learning Academy (ATAL) held at Indian Institute of Information Technology (IIIT), Vadodora from 11th - 15th May 2020.
- Webinar on Research Workflows, Research Metrics and Excellence in Academic Institutes jointly organized by AICTE and Elsevier on 14th May 2020.
- Webinar on Engineers Role in Fighting the Battle Against Covid-19 in association with Fortis Memorial Research Institute Haryana jointly organized by IIT Jammu and IIT Madras on 8th May 2020.
- Faculty Development Programme on Advances in Computational Intelligence and Machine Learning Application held at Amity University, Noida from 4th - 8th May 2020.
- Faculty Development Programme on Internet of Things in association with AICTE Training and Learning Academy (ATAL) held at Indian Institute of Information Technology (IIIT), Nagpur from 30th April-4th May 2020.
- Webinar on Role of Scopus Analytics in Research Workflow organized by Elsevier on 27th April 2020.
- Webinar on Virtual Labs for Science and Engineering organized by IEEE on 22nd April 2020.
- Webinar on How to Write a High-Quality Technical Journal Paper organized by IEEE on 20th April 2020.
- Online Workshop on COVID-19 Application (With Real Data) using Python Programming in collaboration with Indian Engineering Teachers Association on 17th April 2020.
- Faculty Development Programme on System Administration & Data Sciences held at Amity University, Lucknow Campus from 20th-28th June 2019.
- National Workshop on Applications of Technical Terminology in Modeling, Optimization and Computing in Science and Technology organized by Ministry of Human Resource Development (MHRD) held at SRM Institute of Science & Technology, Delhi NCR Campus from 26th-28th April 2019.
- Short Term Course on Advanced Techniques for Next Generation Networks with Focused on 5G, IoT and Aerially Controlled HETNETs, TEQIP-III funded held at Shri Mata Vaishno Devi University, Katra (J&K) from 16th-20th December 2018.
- National Workshop on Symbolic 2D/3D Image Processing using LIPS held at University of Petroleum and Energy Studies, Dehradun on 22nd November 2018.

- AICTE Approved Short Term Course on Internet of Things held at National Institute of Technical Teachers Training and Research (NITTTR), Chandigarh from 6th-10th August 2018.
- A Multi-Disciplinary Faculty Development Programme Series, ERUDITIA held at SRM Institute of Science & Technology, Delhi NCR Campus from 12th-23rd June 2018.
- Faculty Development Programme on Android Development in association with NIIT Technologies held at SRM Institute of Science & Technology, Delhi NCR Campus from 11th-16th January 2016.
- Faculty Development Programme on Entrepreneurship held at National Institute for Entrepreneurship and Small Business Development (NIESBUD), Noida from 12th-14th October 2015.
- National Workshop on Cyber Crime, Security and Information Protection in association with ISTE held at SRM University, Delhi NCR Campus on 23rd February 2015.
- Faculty Development Programme on e-Learning held at National Institute for Entrepreneurship and Small Business Development (NIESBUD), Noida from 18th February-4th March 2015.
- AICTE Approved Short Term Course on E-governance, Eco-preneurship and Green IT in Technical Institutions in association with Entrepreneurship Development & Industrial Coordination Department, held at National Institute of Technical Teachers Training and Research (NITTTR) Chandigarh from 9th-13th February 2015.
- Workshop on Network Simulators (NS-2) in association with CSI held at SRM University, Delhi NCR Campus from 29th-30th December 2014.
- Workshop on MATLAB in association with Aedifico Tech Pvt. Ltd. held at Lingaya's University, Faridabad on 6th February 2014.
- Faculty Development Programme on Teaching Ethics in association with CSI held at SRM University, Delhi NCR Campus on 24th January 2014.
- Faculty Development Programme on Paradigm Shift on Pedagogy & EIM held at SRM University, Delhi NCR Campus from 8th-9th February 2012.
- National Seminar on Quality Enhancement and Sustenance in Managerial Practices held at Prist University Chennai on 27th March 2010.

Conference/Workshop/Seminar/FDP Organized:

- Internal Campus Hackathon held at SRM Institute of Science & Technology, Delhi NCR Campus from 23rd-24th March 2022.
- International Conference on Intelligent Computing and Applications (ICICA), Springer held at SRM Institute of Science & Technology, Delhi NCR Campus from 6th-8th December 2019.
- Workshop on Artificial Intelligence and Deep Learning with Invited External Guest, Dr. Suneet Kumar Gupta (Professor, Bennett University) held at SRM University, Delhi NCR Campus from 3rd-4th January 2019.
- Workshop on Big Data & Hadoop in association with APTRON Solutions Private Limited held at SRM University, Delhi NCR Campus on 7th April 2017.
- Regional Student Convention in association with CSI held at SRM University, Delhi NCR Campus from 13th-14th February 2017.
- Seminar on GRE Preparation & Application Process for International Universities in association with MANYA Group held at SRM University, Delhi NCR Campus from 21st-22nd September 2016.
- Internship Science Camp in association with DST, Government of India held at SRM University, Delhi NCR Campus from 6th-10th June 2016.
- International Conference on Recent Development in Computational and Information Technology (ICRDCIT) in association with CDAC and ISTE held at SRM University, Delhi NCR Campus from 26th-27th February 2016.
- Short Term Training Programme on Virtualization Technology using VMware in association with ISTE held at SRM University, Delhi NCR Campus from 19th-24th May 2014.

- International Conference on Recent Development in Computational and Information Technology (ICRDCIT) in association with CSI and ISTE held at SRM University, Delhi NCR Campus from 7th-8th March 2014.
- National Conference on Recent Development in Computational and Information Technology (NCRDCIT) in association with DRDO held at SRM University, Delhi NCR Campus from 7th-8th September 2012.
- Faculty Development Programme on Basic Knowledge of Computer System for the Department of Education held at SRM University, Delhi NCR Campus from 15th-17th May 2012.
- National Seminar on Latest Trends in Networking and IPv6 in association with CISCO India Private Ltd. held at SRM University, Delhi NCR Campus on 20th March 2012.
- National Workshop on Information Security in association with DRDO held at SRM University, Delhi NCR Campus on 23rd February 2012.
- National Workshop on Cloud Computing in association with TCS held at SRM University, Delhi NCR Campus on 13th January 2012.

Professional Experience:

- January 2011-Present: Assistant Professor in Computer Science and Engineering at SRM Institute of Science & Technology (Formerly known as SRM University), Delhi-NCR Campus.

Professional Membership:

- Institute of Electrical and Electronics Engineers (IEEE), USA, Membership Number 98119821
- Indian Society for Technical Education (ISTE), India, Membership Number LM-93630
- Institution of Engineers (IEI), India, Membership Number M-166216-8
- Internet Society, Asia-Pacific Region, Membership Number 2177450
- International Association of Engineers (IAENG), Hong Kong, Membership Number 225576
- Teaching and Education Research Association (TERA), India, Membership Number M19101737
- Institute for Engineering Research and Publication (IFERP), India, Membership Number PMIN43576892
- International Association of Academicians (IAASSE), United States, Membership Number IAASSE10621
- International Computer Science and Engineering Society (ICSES), United States, Membership Number 2870
- Association of North America Higher Education International (ANAHEI), USA, Membership Number N17000002971