

FACULTY PROFILE



Name: Saurabh Gupta

Designation: Assistant Professor

E-Mail: saurabhg1@srmist.edu.in

Professional Qualification:

- Ph.D. (Pursuing)
- M.Tech. (C.S.E)

Publications (Journals & Conferences)

- Paper published on “Recent Trends in Automation-A study of RPA Development tools” 2019 3rd International Conference on Recent Developments in Control, Automation & Power Engineering (RDCAPE). IEEE, 2019.
- Paper published on “Feature Exploration of Distinct Load Balancing Algorithms in CloudComputing Environment” in International Journal Advanced Networking and application (IJANA) Volume: 11, Issue: 01, Pages: 4177-4183 ISSN: 0975-290 (2019).
- A paper titled, “An Advanced Throttled (ATH) Algorithm and Its Performance Analysis with Different Variants of Cloud Computing Load Balancing Algorithm”, International conference on Communication, Networks and computing, pp 385- 399, Springer-2018.
- A paper titled, “A Study on Various Load Balancing Algorithms for Response Time Reduction in Cloud Environment”, international journal of current engineering and scientific research (IJCESR) (2394– 0697) Volume No.4, issues 10, 2017.

- A paper titled, “A Survey on Route Maintenance and Attacks in AODV Routing Protocol”, International Journal of Computer Applications (0975 – 8887) Volume 133 – No.9, January 2016(page 23-26).
- A paper titled “Integration of CWM with CAKE Architecture” published in IJARCSSE, Volume 5, Issue 7, July 2015.
- A paper titled “Various Schemes of Load Balancing in Distributed Systems-A Review” published in International Journal of Scientific Research Engineering & Technology (IJSRET), ISSN 2278 – 0882, Volume 4, Issue 7, July 2015.
- A paper titled, “Cutting-Edge Load Balancing Algorithms in Cloud Computing”, International Journal of Computer Applications (IJCA), Volume 124 – No.6, August 2015.
- A paper titled, “Response Time Reduction and Performance Analysis of Load Balancing Algorithms at Peak Hours in Cloud Computing”, International Journal of Computer Applications (IJCA), Volume 128 – No.17, October 2015.
- A paper titled, “Comparative study of LEACH and Energy Efficient protocol in Wireless Sensor Network”, International Journal Of Computer Application (IJCA), Volume 129 – No. 8 , Nov 2015, Page no 0975 – 8887.
- A paper titled, “A Review of Routing Protocols & Techniques for Mobile Ad-Hoc Network”, International Journal of Scientific Research Engineering and Technology (IJSRET), ISSN 2278-0882 Volume 4, Issue 7, July 2015(page 782-788).
- A paper titled “An Approach for recognizing Modi Lipi using Ostu’s Binarization Algorithm and Kohonen Neural Network” published in IJCA, Feb-2015.
- A paper titled “An Optimistic Approach for Implementing a Forensic Systems for Android devices based on Cloud” published in IJARCSSE, June-2015.
- A paper titled “The Analysis of Big Data: Hadoop and Map Reduce Programs” Published in IJARCSSE june-2015.
- A paper titled “A Summarization on Preserving Privacy techniques in Data Mining” published in IJARCS, Nov-Dec 2014.
- A paper titled “A Basic Understanding of Routing protocols for mobile Ad-hoc network With Security Thread: Black Hole Attack” published in IJARCSSE, May 2014.
- A paper titled “Census Information Exploration” published in IJARCS, Mar-Apr 2014.
- Presented a paper titled “MANETs Routing Protocols and effect a Black Hole Attack: A review” in National Conference AEICT-2014 organized by PSIT, Kanpur.

- Presented a paper titled “A study on design and working of protocols of clustering in Manets” in National Conference AEICT-2014 organized by PSIT, Kanpur.
- Presented a paper titled “Data Compression Techniques” in National Conference AEICT-2014 organized by PSIT, Kanpur.
- Presented a paper titled “Address Resolution Protocols Spoofing: A Review” in National Conference AEICT-2014 organized by PSIT, Kanpur.
- A paper titled “Protocols Governing Clustering in MANETS” published in IJARCSSE, March-April 2014.

Awards and Achievements

- UGC-CSIR Net 2012-DEC qualified with 269 rank in ES (Engineering Science).
- GATE 2011 qualified with 95.6 percentile in CS (Computer Science and Information Technology).

Workshops/Seminars/FDPs

- Participated in four days FDP on “MacOS, iOS and iBook Author” in collaboration with Apple from 15/07/19 to 18/07/19.
- Participated in 3 days FDP on “Foundation Course in Hadoop” in collaboration with IBM from 12/06/2019 to 15/06/2019.
- Participated in One day FDP on “Emerging Areas of Technology – Cloud” in collaboration with IBM on 11/06/2019.
- Participated in One day FDP on “Emerging Areas of Technology – Analytics” in collaboration with IBM on 10/6/2019.
- Organized three days workshop on “DevOps Automation & Cloud Computing” in collaboration with AP2V Private Solutions.
- Participated in 1 week FDP on “Application development using Angular JAVA” in collaboration with NITTTR from 25/02/2019-01/03/2019.
- Completed “RPA Developer Foundation” Training in May 2019
- Completed “Orchestrator 2018.3 Training” in May 2019.
- Attended “Educator Workshop” supported by UiPath and organized by Bennett University in May 2019. 10. Completed the Industrial Training under the supervision of HP Training Centre, ITM Universe, Gwalior on JAVA Duration – 45 days.
- Completed the Industrial Training under the supervision of HP Training Centre, ITM Universe, Gwalior on C, C++ Duration – 15 days.
- Attended Workshop on “Hacking” Organized by MANIT, Bhopal on March 2010.

- Attended a National Workshop on “E-Governance: Issues and Challenges” organized by Devi Ahilya Vishwavidyalaya, Indore and supported by NeGP and Ministry of Communication and Information Technology, Govt. of India in Dec 2012.
- Attended an “IIT Bombay-Spoken Tutorial Workshop” organized in UPTU Campus, Lucknow.
- Attended a Workshop on "Network Simulator 2 (NS2) for Wireless Networks” Organized by Department of CSE & IT, ITM Gwalior (M.P.), In Association with IETE, Gwalior, MP, India in May 2015.
- Attended a Workshop on “Virtual Laboratories” Organized by Indian Institute of Technology Kanpur held at PSIT in Sep 2015.
- Attended a Faculty Development Program on “Advanced Techniques in Data Structure and Operating System” Organized by Computer Science and Engineering Department held at Pranveer Singh Institute of Technology from 1st to 8th June, 2014.
- Attended a Faculty Development Program on “Algorithms in Network Flow” Organized by Computer Science and Engineering Department held at Pranveer Singh Institute of Technology on 14 March, 2015.
- Attended a Faculty Development Program on “Advance Topics in Computer Science” Organized by Computer Science and Engineering Department held at Pranveer Singh Institute of Technology on 19 July 2015.
- Attended a Faculty Development Program on “Basic Pedagogy Training: Objective and Outcome Based Education System- Transforming Engineering Education to Match Global Needs” Organized by EQUATE, New Delhi held at Pranveer Singh Institute of Technology from 5th to 7th July & 16th to 19th August, 2015.
- Attended a Faculty Development Program on “Data Structure Using Java” Organized by Computer Science and Engineering Department held at Pranveer Singh Institute of Technology from 10th to 16th May, 2015.
- Attended a Faculty Development Program on “Data Mining Techniques and its Applications” Organized by Computer Science and Engineering Department held at Pranveer Singh Institute of Technology in association with Dr. A.P.J. Abdul Kalam Technical University, Lucknow from 17 to 22 March, 2016.

Work Experience:

- Associated in SRM-IST Delhi-NCR campus as an Assistant Professor since August 2019.
- Associated in SGT University, Gurugram as an Assistant Professor from August, 2018 to July 2019.
- Associated with ITM-GOI, Gwalior in CSE Dept. as an Asst. Professor from March 2017 to August 2018.

- Associated with Pranveer Singh Institute of Technology, Kanpur in CSE Dept. as an Astd. Professor from November 2013 to January 2017.

Professional Memberships:

- Membership of ICEIT (Institution of Communication Engineering and Information Technologists).
- Membership of CSI (Computer Society of India), Membership number: 1161739.
- Membership of IRED (Institute of Research Engineers and Doctors), Membership number: AM10100056560.
- Membership of IAENG (International Association of Engineers), Membership number: 170766.