FACULTY PROFILE

Name: Ms. Vinti Gupta

Designation: Assistant professor

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Professional Qualification:

- Pursuing Ph.D. in Computer Science from SRM Institute of Science and Technology, Delhi NCR campus, from July 2020. (Thesis title: Design and development of routing protocol for flying ad-hoc network)
- M. Tech. in Computer Science from Jayoti Vidyapeeth Women's University, Jaipur, Jaipur in 2010-2012 with 1st Division. (Dissertation title: Compare the performance of different MANET routing protocols using OmNET++ 4.2)
- B. Tech. in Computer Science from Utter Pradesh Technical University, Lucknow in 2005-2009 with 1st Division.

Publications (Journals & Conferences):

- Presented a Research Paper Entitled "Unmanned Aerial Vehicles (UAVs): Evaluation of OLSR, DSDV,AODV, and DSR Dynamic Routing Protocols." 2023 International Conference on Device Intelligence, Computing and Communication Technologies (DICCT). IEEE, 2023.
- Presented a Research Paper Entitled "Unmanned Aerial Vehicle (UAVs): Performance Evaluation of routing protocols for optimized operations" at the 2nd International Conference on Recent Advances in Computational Mathematics & Engineering, at B K Birla Institute of Engineering & Technology, Pilani (2023).
- Research Paper Entitled "Design issues for developing routing protocols for flying ad hoc network." Multimedia Technologies in the Internet of Things Environment, Volume 3 (2022): 135-145. (Scopus)
- Research Paper Entitled "Image Classification using disease classifier model for doctors and hospitals." AIP Conference Proceedings. Vol. 2481. No. 1. AIP Publishing, 2022. (Scopus)

- Research Paper Entitled "Near lossless image compression using discrete cosine transformation and principal component analysis." AIP Conference Proceedings. Vol. 2481. No. 1. AIP Publishing, 2022. (Scopus)
- Research Paper Entitled "Monitoring Social Distancing for Industries and in Public Areas Using Machine Learning." Applications of Advanced Optimization Techniques in Industrial Engineering. CRC Press, 2022. 181-190. (Scopus)

Workshops/Seminars/FDPs

- Attended Faculty Development Program on "Recent Advancement and Challenges in Mobile Computing" conducted by the Institute of Technology and Science (I.T.S.) Mohan Nagar Ghaziabad, during 11-12 June 2020.

Work Experience:

- Worked as an Assistant Professor in the Department of Computer Science at Dewan Institute of Management Science (DIMS), Meerut, from January 2015 to June 2020.
- Teaching in a Coaching Centre from January 2014 to December 2014.
- Assistant Professor in the Department of Computer Science at Jayoti Vidyapeeth Women's University, Jaipur, from September 2012 to October 2013.