

Faculty Profile

Name : Preeti Sehrawat
Designation : Assistant Professor
Qualifications : B.E., M. Tech, Ph.D. (Pursuing)
Phone : 011-25528117, Extn-124
Email : preetisehrawatece@msit.in
Area of Interest/Specialization: Wireless Communication,
Vehicular Networking,
Machine Learning.
Experience : 10 years



Papers published in Journals

1. Sehrawat, P., Chawla, M. Performance Evaluation of Machine Learning Algorithms applied in SD-VANET for Efficient Transmission of Multimedia Information. *Multimed Tools Appl* (2023). <https://doi.org/10.1007/s11042-023-15244-w>
2. Sehrawat, P., Chawla, M. Interpretation and Investigations of Topology Based Routing Protocols Applied in Dynamic System of VANET. *Wireless Pers Commun* 128, 2259–2285 (2023). <https://doi.org/10.1007/s11277-022-10042-3>.
3. Sehrawat, P., Chawla, M. SDTMRP (Software Defined Traffic Management Routing Protocol) for Efficient and Reliable Communication in Vehicular Networks. *Wireless Pers Commun* 131, 1595–1629 (2023). <https://doi.org/10.1007/s11277-023-10515-z>

Papers presented in Conferences

1. Sehrawat, Preeti, and Mridul Chawla. "Review on Vehicular Communication using Vehicular Networks." *Patron in Chief*: 130.

Book Chapter/Books published

1. Pahal, Sudesh, and Preeti Sehrawat. "Image Colorization with Deep Convolutional Neural Networks." *Advances in Communication and Computational Technology*. Springer, Singapore, 2021. 45-56.

Memberships of Professional bodies:

1. Registered as a Life Time Member with Indian Society of Technical Education (**I.S.T.E**)
NEW DELHI.

Other Contributions:

Member of the team **Unnat Bharat Abhiyan**.