

Faculty Profile

Name : Dr. Tripti Rathee
Designation : Assistant Professor
Qualifications : PhD.
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Area of Interest/Specialization: Blockchain, Identity and Access
Management, Information Security
Experience : 10 years



Key Publications

1. T. Rathee and P. Singh, A systematic literature mapping on secure identity management using blockchain technology, *Journal of King Saud University – Computer and Information Sciences*, <https://doi.org/10.1016/j.jksuci.2021.03.005> [SCIE Journal, IF-13]
2. Rathee, ., Singh, P. Secure data sharing using Merkle hash digest based blockchain identity management. *Peer-to-Peer Netw. Appl.* (2021). <https://doi.org/10.1007/s12083-021-01212-4> [SCIE JOURNAL, IF 3.4]
3. Rathee, T. and Singh, P.(xxxx) ‘A secure identity and access management system for decentralizing user data using blockchain’, *Int. J. Computational Vision and Robotics*, Vol. X,No. Y, pp.xxx–xxx. [SCOPUS Journal]

Papers presented in Conferences

1. Rathee, T., & Singh, P. (2021, April). MedSecureChain: Applying Blockchain for Delegated Access in Health Care. In *New Approaches for Multidimensional Signal Processing: Proceedings of International Workshop, NAMSP 2020* (Vol. 216, p. 153). Springer Nature.[International conference, Scopus indexed]

Patent/Copyright

1. Australian Patent Granted on “A Blockchain based system for personal data verification”

Book Chapter/Books published

1. Rathee T., Singh P. (2022) A Self-Sovereign Identity Management System Using Blockchain. In: *Khanna K., Estrela V.V., Rodrigues J.J.P.C. (eds) Cyber Security and Digital Forensics*. Lecture Notes on Data Engineering and Communications Technologies, vol 73. Springer, Singapore. https://doi.org/10.1007/978-981-16-3961-6_31

Other Contributions

1. Member of IPR committee at MSIT
2. Member of Software Renewal Committee at MSIT