

FACULTY PROFILE



Name: Dr. Richa Purohit

Highest Education Qualification: Ph. D. (Computer Science and Engineering)

Institute name: Amity University Rajasthan

Teaching Subjects: Cryptography and Network Security, DataBase Management System, Distributed Databases, Digital Image Processing, C, C++, Data Structures, Computer Architecture and Organization, Information Security

Research areas of interest: Cryptography and Network Security, Information Security, Digital Image Processing

Primary contact: 7755901890

Official email: dpurohit@dypiu.ac.in

Publications (best 5):

1. **Purohit R.** Ring Signature: Presenting New Design with Keyed Hash Function. In Proceedings of International Conference on Sustainable Computing in Science, Technology and Management (SUSCOM-2019), February 26 - 28, 2019, Amity University Rajasthan, Jaipur, India. Available at SSRN: <https://ssrn.com/abstract=3351791>
2. Purohit R., Bhargava D. An Illustration to Secured Way of Data Mining Using Privacy Preserving Data Mining. Journal of Statistics and Management System, Taylor and Francis, Vol 20(4), pp- 637-645, 2017. DOI: <http://dx.doi.org/10.1080/09720510.2017.1395183>.
3. Purohit R. An Illustrative Approach for Secure Key Based Authentication for Cloud Communication. International Journal on Computer Science and Engineering, ISSN: 2229-5631, Vol. 9(5), 160-164, 2017.
4. Analyze The Digital Image Watermarking Schemes for Data Security. International Journal of Computer Science and Engineering, ISSN: 2347-2693, 2014, vol. 3(5), 1-6.
5. Design and Analysis of a New Hash Algorithm with Key Integration. International Journal of Computer Applications, ISSN: 2250-1797, 2013, vol. 81(1), 33-38,. Published by Foundation of Computer Science, New York, USA. DOI: 10.5120/13978-1974.