

R Vigneswaran

Scientist

TCS Research and Innovation

Education

- B.Sc., Chemistry, Aditanar College, Tiruchendur (2001)
- Master of Computer Applications, Bharathiar University, Coimbatore (2004)

Research Interests

- Blockchain Technologies (Privacy, Security, Performance, Consensus)
- Cybersecurity
- Networking

Patent Details

1. Meena Singh Dilip Thakur, Vigneswaran, Srujana, Rajan M A, Lakshmi Padmaja, Batsayan Das. **Method and system for processing transactions in a blockchain network.** Filed on 06/01/2020.
2. Harshita Vani Nallagonda, Sitaram Venkata Chamarty, Lakshmi Padmaja, Vigneswaran, Praveen Gauravaram. **SECURING DATA ON A COMPUTING SYSTEM.** Filed on 11/11/2014.

Publications:

Conference Proceedings

1. Lakshmi Padmaja Maddali, Meena Singh Dilip Thakur, Vigneswaran R, Rajan M A, Srujana Kanchanapalli and Batsayan Das. **VeriBlock: A novel blockchain framework based on verifiable computing and trusted execution environment - International Conference on COMmunication Systems and NETworkS (COMSNETS)**, Bangalore, India, Jan 07-11, 2020.
2. Batsayan Das, Srujana Kanchanapalli, and Vigneswaran R. **Enhancing Security and Privacy of Permissioned Blockchain using Intel SGX - Blockchain Technologies and its Applications (BTA)**, Mumabi, India, Feb 04-07, 2019.



3. Nitesh Emmadi, R.Vigneswaran, Srujana Kanchanapalli, Lakshmipadmaja Maddali, and Harika Narumanchi. **Practical Deployability of Permissioned Blockchains - Blockchain and Smart Contract Technologies (BSCT)**, Berlin, Germany, Jul 18-20, 2018, https://rd.springer.com/chapter/10.1007/978-3-030-04849-5_21