

PUBLICATION LISTING

A) JOURNAL PAPERS (160)

A.i) PAPERS IN PREMIUM JOURNALS: (45)

1. Shubham Gupta, Balu L Parne, Narendra S Chaudhari, "ISAG: IoT-enabled and Secrecy Aware Group-based handover scheme for e-health services in M2M communication network", *Future Generation Computer Systems*, Vol 125, pp. 168-187 North-Holland, Elsevier B.V. <https://doi.org/10.1016/j.future.2021.06.038> (available online on 25th June 2021, Dec. 2021).
2. Sneha Kanchan, Garima Singh, and Narendra S. Chaudhari, "SPSR-VCP: Secure and Privacy preserving SignReryption in Vehicular Cyber Physical systems", *Journal of Ambient Intelligence and Humanized Computing* (Springer Verlag, Berlin Heidelberg) 3 388-411, (published: Mar.02, 2021).
3. Prakash Chandra Sharma, and Narendra S. Chaudhari, "A Tree Based Novel Approach for Graph Coloring Problem using Maximal Independent Set", *Wireless Personal Communications* Vol. 110, NO. 3 pp. 1143-1155 (Mar. 2020).
4. Sneha Kanchan, G.Singh, Narendra S. Chaudhari, "EASPSC: Efficient authentication of SignReryption protocol using shareable clouds in VANET groups", *Peer-to-Peer Networking and Applications*, Vol. 13 No. 1, pp. 388-411. (Online on 20th Aug. 2019) (Springer).<https://doi.org/10.1007/s12083-019-00789-1> (Jan. 2020).
5. Mohit Gupta and Narendra S. Chaudhari, "Anonymous Roaming Authentication Protocol for wireless network with backward unlinkability, exculpability and efficient revocation check", *Journal of Ambient Intelligence and Humanized Computing*, Vol 10, No. 11 pp 4491-4501 Weblink: <https://doi.org/10.1007/s12652-018-1131-6> (01 Nov. 2019).
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7. Balu L. Parne, Shubham Gupta and Narendra S. Chaudhari, "PSE-AKA: Performance and security enhanced authentication key agreement protocol for IoT enabled LTE/LTE-A networks", *Peer-to-Peer Netw. Appl.* (Springer) (online on 13th July, 2019) 12: 1156. <https://doi.org/10.1007/s12083-019-00785>, Volume 12, [Issue 5](#), pp1156-1177,(Sept. 2019).
8. Shubham Gupta, Balu L. Parne, & Narendra S. Chaudhari, "[PSEH: A provably secure and efficient handover AKA protocol in LTE/LTE-A network](#)," *Peer-to-Peer Networking and Applications* (Springer) ((published online 22 Dec 2018). <https://doi.org/10.1007/s12083-018-0703-8>, Volume 12, [Issue 4](#), pp 989-1011 pp. 1-23 (July 2019).
9. Shubham Gupta, Balu L. Parne, and Narendra S. Chaudhari, "SRGH: A secure and robust group-based handover AKA protocol for MTC in LTE-A networks", *International Journal of Communication Systems*, Vol 32, Issue 8 pp. 34-39 (May, 2019).
10. Sneha Kanchan, Garima Singh, Narendra Chaudhari, "[SAPSC: SignReencrypting Authentication Protocol using Shareable Clouds in VANET Groups](#)", *IET Intelligent Transport Systems*, Vol. 13, No. 9, pp. 1447-1460 (May, 2019).
11. Mohit Gupta, and Narendra S. Chaudhari, "Anonymous roaming authentication protocol for wireless network with backward unlinkability and natural revocation", *Annals of Telecommunications* (Springer), <https://doi.org/10.1007/s12243-018-0668-x>, Volume 74, [Issue 3-4](#), pp 175-184 (April 2019)
12. Robin Singh Bhadoria, and Narendra S Chaudhari, "Pragmatic sensory data semantics with service-oriented computing", *Journal of Organizational and End-User Computing (JOEUC)*, IGI Global Publishing, PA, USA, Vol 31, No. 2, pp. 22-36 (01 April, 2019).
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A.ii) INTERNATIONAL LEVEL: (127 = 82 + 45) (includes 45 papers in Premium journal list above)

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