Akanksha Gupta

Research papers

1. Gupta, A., Nahar, P., Classification and yield prediction in Smart agriculture system using IoT, 2022, Journal of Ambient Intelligence and Humanized Computing, Springer. ISSN: 1868-5145(O). Indexed in SCOPUS, DBLP and SCIE. Impact factor : 7.104 (Thomas Reuters).

2. Gupta, A., Nahar, P., Fuzzy K-medoids clustering based cross layer routing protocol for Smart agriculture in WSN assisted IoT systems, 2021, International Journal of Communication Systems, Wiley, under major revision.

3. Gupta, A., Nahar, P., Model Simulation of Secure Cloud Computation in IoT Environment, 2020, International Journal of Future Generation Communication and Networking, 13(2), 308-316. ISSN: 2233-7857. Indexed in ESCI.

4. Gupta, A., Nahar, P., An Effective Smart Agriculture System using Internet of Things, 2019, International Journal of Engineering and Advanced Technology, 9(2), 5041-5044. ISSN : 2249-8958(O). Indexed in SCOPUS.

5. Akanksha Gupta, Computer network security issues, 2014, International Research Journal of Management Science and Technology, 5(9), Pp 58-62, ISSN – 2250 – 1959(0).

Conference proceedings/Papers presented

1. Gupta, A., Nahar, P., A Smart solution for Agricultural Practices, 2020, In Proceedings of the National Conference on Next Generation Computing Technologies and their role in Nation Development(NGCTND 2020) (pp. 17-21). Institute of Technology and Science, Ghaziabad. ISBN: 978- 81-928555-7-8.

2. Gupta, A., Nahar, P., Detection of Cache Pollution Attacks in a Secure Information-Centric Network, 2021, In Proceedings of the International Conference on Data Analytics and Management (ICDAM-2020) (pp. 377-397). Springer, Singapore. ISBN: 978-981-15-8334-6. Indexed in SCOPUS, INSPEC

3. Presented a paper titled "E Governance in India - Challenges and Scope" in the International Multidisciplinary Conference On "Future Vision for India at 100 in 2047" organized by Daly College Business School, Indore, Research Foundation Of India & RFI-CARE on 28-29 January 2022.

Chapters in edited books

1. Gupta, A., Singh, U. (2018). Routing Protocol Analysis for Internet of Things. In The Stances of e-Government (pp. 169-180, chapter 16). Chapman and Hall/CRC Press. ISBN : 9781138304901.
2. Gupta, A., Singh, U. (2021). IoT Based Smart Agriculture in India. In Cognitive Computing Systems - Applications and Technological Advancements (pp. 219-232, chapter 8). Taylor and Francis Group/CRC Press. ISBN: 9781771889315 E-Book ISBN: 9781003082033
3. Gupta, A. (2016). Process management. In Operating systems E-book(chapter 3). Institute of Lifelong Learning, DU under virtual learning environment(VLE).