

Journals

Serial No	Quality publication in referred/SCI journals
1	S Nath , A. Dey, P Pachal, J K Sing and S KSarkar, "Performance analysis of gas sensing device and corresponding IoT framework in mines" Microsystem Technologies, September, 2019 – Springer
2	Biswas, S., Nath , S., Sing, J. K., & Sarkar, S. K. (2020). Extended nucleic acid memory as the future of data storage technology. International Journal of Nano and Biomaterials, vol 9 no. (1-2) , pp 2-17.
3	Das.S, Nayak S. , Chakraborty B & Mitra S (2019).Continuous radial growth rate monitoring of horticultural crops usingan optical mouse: Sensor & Actuators A:Physical, vol.297.
4	Karmakar, K. , Das, R. K., & Khatua, S. (2020). Bandwidth allocation for communicating virtual machines in cloud data centers. The Journal of Supercomputing, 76(9), 7268-7289.
5	C. Pani, S. Bera , S. Suvra Khan , "Analysis of Transmission Impairments for ShuffleNet based Electro-Optic Data Center Network" IJEER,ISSN 0975-6450 Volume 11, Number 1 pp. 9-20, 2019.

Conferences

Serial No	Quality publication in Conference
1	S. Ghosh, S. Nath , R. Biswas, P. Venkateswaran, J. K. Sing and S. K. Sarkar, "PSO Variants and its Comparison with Firefly Algorithm in Solving VLSI Global Routing Problem," 2018 IEEE Electron Devices Kolkata Conference (EDKCON), 2018, pp. 513-518
2	S. Nath , A. Dey, P. Pachal, S. R. Chowdhury, J. K. Sing and S. K. Sarkar, "Nano Structured Gas Sensing Device and Its Application in Underground Mines," 2018 IEEE Electron Devices Kolkata Conference (EDKCON), 2018, pp. 445-449
3	R. Majumdar , I. Das, A. Sil, S. P. Nath and V. P. Mishra, "Fault Exposure Upsetting Software Performance," 2019 International Conference on Computational Intelligence and Knowledge Economy (ICCIKE), 2019, pp. 300-304
4	S. Nath , I. Das, S. Roy, A. Jana, J. Kanta Sing and S. Kumar Sarkar, "Enhancing Packet Delivery Rate in Flying Ad-Hoc Network (FANET) Routing," 2019 IEEE R10 Humanitarian Technology Conference (R10-HTC)(47129), 2019, pp. 66-70
5	S. Biswas, S. Nath , J. K. Sing and S. K. Sarkar, "Storing Digital Data in Nucleic Acid Memory with Extended Genetic Alphabet," 2019 Devices for Integrated Circuit (DevIC), 2019, pp. 236-239
6	S. Nath , R. Bandyopadhyay, S. Biswas, J. K. Sing and S. K. Sarkar, "A New Global Routing Optimization Algorithm based on Pigeon Inspired Optimization," 2020

	IEEE Calcutta Conference (CALCON), 2020, pp. 184-188
7	Gupta, H., Mondal, S. , Ray, S., Giri, B. , Majumdar, R. , & Mishra, V. P. (2019, December). Impact of SQL Injection in Database Security. In 2019 International Conference on Computational Intelligence and Knowledge Economy (ICCIKE) (pp. 296-299). IEEE.
8	Gupta, H., Mondal, S. , Giri, B. , Majumdar, R. , Ghosh, N. S., & Mishra, V. P. (2019, December). An Authentication Model for Secure Electronic Transaction. In 2019 International Conference on Computational Intelligence and Knowledge Economy (ICCIKE) (pp. 283-286). IEEE.
9	Ghosh, N. S., Majumdar, R. , Giri, B. , & Ghosh, A. (2020, June). Detection of human activity by widget. In 2020 8th International Conference on Reliability, Infocom Technologies and Optimization (Trends and Future Directions)(ICRITO) (pp. 1330-1334). IEEE.
10	Giri, B. , Ghosh, N. S., Majumdar, R. , & Ghosh, A. (2020, June). Predicting diabetes implementing hybrid approach. In 2020 8th International Conference on Reliability, Infocom Technologies and Optimization (Trends and Future Directions)(ICRITO) (pp. 388-391). IEEE.
11	S. S. Khan, R. Majumdar , P. P. Maut, A. Ghosh and V. P. Mishra, "Analysing and Applying Captured Object with Machine Learning Techniques," 2019 International Conference on Computational Intelligence and Knowledge Economy (ICCIKE), 2019, pp. 287-290
12	Gupta, H., Mondal, S. , Majumdar, R. , Ghosh, N. S., Khan, S. S. , Kwanyu, N. E., & Mishra, V. P. (2019, December). Impact of side channel attack in information security. In 2019 International Conference on Computational Intelligence and Knowledge Economy (ICCIKE) (pp. 291-295). IEEE.
13	Karmakar, K. , Das, R. K., & Khatua, S. (2019, October). Minimizing communication cost for virtual machine placement in cloud data center. In TENCON 2019-2019 IEEE Region 10 Conference (TENCON) (pp. 1553-1558). IEEE.
14	Karmakar, K. , Das, R. K., & Khatua, S. (2020, January). Resource scheduling for tasks of a workflow in cloud environment. In International Conference on Distributed Computing and Internet Technology (pp. 214-226). Springer, Cham.
15	Paul, S., Mukherjee, T., Roy, V., Das, A., Roy, P., & Karmakar, K. (2019, July). An Efficient Algorithm for Parking Lot Allocation. In 2019 10th International Conference on Computing, Communication and Networking Technologies (ICCCNT) (pp. 1-6). IEEE.
16	Karmakar, K. , Das, R. K., & Khatua, S. (2019, December). Resource scheduling of workflow tasks in cloud environment. In 2019 IEEE International Conference on Advanced Networks and Telecommunications Systems (ANTS) (pp. 1-6). IEEE.