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## **PUBLICATIONS**

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### **JOURNALS**

Sreelekha S, and **Suchitra G**, “BER performance analysis of block interleaver and convolutional interleaver in QAM modulation using LabVIEW”, Hindusthan Journal of Information Communication and Modern Computing, vol. 1, no. 1, pp. 19 – 25, 2020.

S. Madumitha and **G. Suchitra**, “Performance analysis of a convolutional encoder using digital modulation technique”, ICTACT Journal on Communication Technology, vol. 11, no. 01, pp. 2153 -2158, March 2020. ISSN: 2229-6948(ONLINE), DOI: 10.21917/ijct.2020.0317

P. Dhivya Lakshmi, and **G. Suchitra**, “Performance analysis of Ldpc Code in Digital Communication System Using LabVIEW”, Hindusthan Journal of Information Communication and Modern Computing, vol. 1, no. 1, pp. 11-18, 2020.

G. Durga Priyadharshini and **G. Suchitra**, “Performance analysis of reed-solomon codes in digital communication system using LabVIEW”, ICTACT Journal on Communication Technology, vol. 11, no. 01, pp. 2121 – 2125, March 2020. ISSN: 2229-6948(ONLINE), DOI: 10.21917/ijct.2020.0313

M. Anitha, D. Vijayakumari, **Dr. G. Suchitra**, “Smart monitoring of electrical parameters using clustering mechanism based on battery threshold and fuzzy logic”, Journal of Electrical Engineering, Lifetime Enhancement in Heterogeneous Wireless Sensor Networks, IEEE Transactions On Green Communications And Networking, vol. 99, pp. 1 – 7, 2020.