Dr.C.T.MANIMEGALA

Publications: (Last 5 years)

1) C. T. Manimegalai, Sabitha Gauni, K. Kalimuthu, " Design and analysis of turbo-coded DCM-OFDM ultra-wideband system with radio-over-fiber and wireless transmission in underwater communication", Journal of Optics , vol. 49, pp
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2) Kalimuthu Krishnan, Sabitha Gauni, C.T.Manimegalai,V.Malsawmdawngliana, "**Ambient noise analysis in underwater wireless communication using laser diode**,"Journal of Optics and Laser Technology, Volume 114, pp. 135-139, June 2019

3) D.Menaka, Sabitha Gauni, C.T.Manimegalai, K.Kalimuthu , "**A Survey On Hybrid Underwater Wireless Communication Network**", 4th International Conference on Artificial Intelligence and Evolutionary Computations in Engineering Systems, April 11 - April 13, SRMIST – Kattankulathur 2019

4) C. T. Manimegalai, Sabitha Gauni, K. Kalimuthu,," Optical channel analysis of turbo coded mimo-ofdm system for visible light communication", Optical And Microwave Technologies, vol. 1, no. 1, 2018.

5) Sabitha Gauni, C.T. Manimegalai, K.Kalimuthu, Kaushik VCS, Rama Rao T, "Optical Channel Analysis of Turbo coded MIMO-OFDM system for Visible Light Communication", Optical And Microwave Technologies-Lecture notes in Electrical Engineering,Vol. 468, pp.no.164-171,November 2018.

6) C. T. Manimegalai, Sabitha Gauni, K. Kalimuthu, " Efficacy analysis of LDPC coded APSK modulated differential space-time-frequency coded for wireless body area network using MB-pulsed OFDM UWB technology ", Technology and Health Care, Vol1, no.1, 2017. SCI Impact Factor: 0.72

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9) Adithya,Aarnika and C. T. Manimegalai, "Smart Traffic Management Using a BIPV Powered Li-Fi Systems", Conference on Computing, Communication, Electrical, Electronics, Devices & Signal Processing (ICEST-2016) 218-224,2016