

## Profile for DC Member

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10.	<b>Publication details (Last 5 years: 2016-2020)</b>	<p>C. T. Manimegalai, Sabitha Gauni, K. Kalimuthu, R. Kumar,” Enhanced Power Control Algorithm in Cognitive Radio for Multimedia Communication “, Indian Journal of Science and Technology, Vol.8, no.36, May2016. (SNIP: 1.204)</p> <p>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</p> <p>C. T. Manimegalai, Sabitha Gauni, K. Kalimuthu,,” Smart traffic management using a building integrated photovoltaic (BIPV) powered Li-Fi system on IoT”, Electronic Government, Vol13 , no.12, 2017. (SNIP: 1.04)</p> <p>C. T. Manimegalai, Sabitha Gauni, K. Kalimuthu,,” Reduction of Complexity of On-Board Embedded Robotic System Processors Using Code Offloading”, International Journal on Wireless Personal Communications, vol. 1, no. 1, 2017. SCI Impact Factor: 0.979.</p> <p>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.</p> <p>Sabitha Gauni, C.T. Manimegalai, K.Kalimuthu, Kaushik VCS, Rama Rao T, “Optical Channel</p>

		<p>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.</p> <p>Kalimuthu Krishnan, Sabitha Gauni, C.T.Manimegalai, V.Malsawmdawngliana, “<b>Ambient noise analysis in underwater wireless communication using laser diode</b>,” Journal of Optics and Laser Technology, Volume 114, pp. 135-139, June 2019</p> <p>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 . 140-146, March 2020.</p>
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