Dr.S.Sakthivel Murugan

Associate Professor, Electronics and Communication Engineering

Email: sakthivels@ssn.edu.in

Sri Sivasubramaniya Nadar College of Engineering

Rajiv Gandhi Salai (OMR)

Kalavakkam – 603 110

Tamil Nadu, India

Area of interest - Signal processing, Acoustic wireless sensor networks and Deep Learning.

LIST OF PUBLICATIONS (LAST 5 YEARS)

1. Arunkumar Balasubramanian (PG – CS Student), **Sakthivel Murugan Santhanam (Faculty – ECE)**, "Seawater – Activated Battery: Developing prototype for Underwater Alternative Energy Source", in Sea Technology, Vol .60, No.7, pp.13-14, July 2019. (TR- Unpaid, IF-0.05)

2. Janani P (PG student), **Sakthivel Murugan (Faculty – ECE)**, " Implementation of sea sand in a microbial fuel cell for an energy harvesting system using LTC for underwater applications", Indian Journal of Geo – Marine Sciences, Vol.47, No.4, April 2018, pp 884 -889. If – 0.289(TR – Unpaid)

3. Annalakshmi G (Research Scholar), **Sakthivel Murugan S(Faculty – ECE)**, Venugopal Padmanabhan (Faculty – Mathematics), Swetha Vivekananthan (UG Student), Vaishali Selvaraj (UG Student), " Coherence analysis of ambient noises in shallow water for underwater Communication" Journal of Marine Science and Technology, July 2017, Vol. 25, No.3, pp. 311- 318, IF – 0.2 (TR – Unpaid)

4. Harshitha (PG Student), G.Annalakshmi (Research scholar), **S.Sakthivel Murugan (Faculty – ECE)**, "Model predicting sediment transport" in Sea technology Journal, June 2017, Vol.54, pp.22-24. IF – 0.064 (TR – Unpaid)