

**List of Publications**

1. AA Angeline, LG Asirvatham, DJ Hemanth, **J Jayakumar**, S Wongwises, “Performance prediction of hybrid thermoelectric generator with high accuracy using artificial neural networks”, Sustainable Energy Technologies and Assessments, Vol.33, pp.53-60, 2019.
2. S Kesavan, **J Jayakumar**, “Effective client-driven three-level rate adaptation (TLRA) approach for adaptive HTTP streaming”, Multimedia Tools and Applications, Vol.77 (7), pp.8081 – 8114, 2018.
3. P Rajalakshmy, S Dharmalingam, **J Jayakumar**, “A Novel Approach to Develop the Lower Order Model of Multi-Input Multi-Output System”, IOP Conference Series: Materials Science and Engineering, pp.247, 2017.
4. VM Dileepan, KT Madhavan, **J Jayakumar**, “Performance analysis of lithium polymer battery and super capacitor”, 2017 International Conference on Energy, Communication, Data Analytics and Soft Computing (ICECDS), 1, 2017.
5. AA Angeline, **J Jayakumar**, LG Asirvatham, JJ Marshal, S Wongwises, “Power generation enhancement with hybrid thermoelectric generator using biomass waste heat energy”, Experimental Thermal and Fluid Science, Vol. 85, pp.1-12, 2017.
6. AA Anitha, **J Jayakumar**, LG Asirvatham, “Performance analysis of (Bi<sub>2</sub>Te<sub>3</sub>-PbTe) hybrid thermoelectric generator”, International Journal of Power Electronics and Drive Systems, Vol. 8 (2), pp.917, 2017.
7. B John, **J Jayakumar**, V Thavavel, M Arumugam, KJ Poornaselvan, “Design of Open Content Social Learning based on the Activities of Learner and Similar Learners”, International Journal of Distance Education Technologies (IJDET), Vol. 15 (2), pp.62-85, 2017.
8. VM Dileepan, **J Jayakumar**, “Performance analysis of lithium batteries”, International Conference on Innovations in Electrical, Electronics, Instrumentation and Media Technology (ICEEIMT), 2017.
9. S Kesavan, **J Jayakumar**, “Improvement of adaptive HTTP streaming using advanced real-time rate adaptation”, Computers & Electrical Engineering, Vol. 58, pp.49-66, 2017.
10. SS Kumar, **J Jayakumar**, “Torque modeling of switched reluctance motor using LSSVM-DE”, Neurocomputing, Vol. 211, pp.117-128, 2016.

11. **J Jayakumar**, “Analysis of (Bi<sub>2</sub>Te<sub>3</sub>-PbTe) hybrid thermoelectric generator for effective power generation”, International Conference on Innovations in Information, Embedded and Communication Systems (ICIECS), 2015.
12. S Kesavan, **J Jayakumar**, “Dynamic adaptive streaming over HTTP (DASH)-comprehensive study and rate adaptation performance analysis”, International Journal of Soft Computing, Vol. 10 (4), pp.261-273, 2015.