

PUBLICATIONS OF Dr.J.JAYAKUMAR

1. Appadurai Anitha Angeline, Lazarus Godson Asirvatham, Duraisamy Jude Hemanth, **Jayaraj Jayakumar**, Somchai Wongwises, "Performance prediction of hybrid thermoelectric generator with high accuracy using artificial neural networks" Sustainable Energy Technologies and Assessments, Volume 33, June 2019, Pages 53-60
2. Appadurai Anitha Angeline, **Jayaraj Jayakumar**, Lazarus Godson, Asirvatham, Somchai Wongwises, "Power generation from combusted "syngas" using hybrid thermoelectric generator and forecasting the performance with ann technique", Journal of Thermal Engineering, Volume 4 Issue-8, pp. 2149-2168, June, 2018
3. S Kesavan, **J Jayakumar**, "Effective client-driven three-level rate adaptation (TLRA) approach for adaptive HTTP streaming" Multimedia Tools and Applications, Volume 77 Issue-7, pp 8081-8114, May 2017.
4. AA Anitha, **J Jayakumar**, LG Asirvatham, "Performance analysis of (Bi₂Te₃-PbTe) hybrid thermoelectric generator", International Journal of Power Electronics and Drive Systems, Vol.8, No.2, June 2017, pp. 917~925.
5. 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, Volume 247, March 2017
6. 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, No.2, pp 62-85, June 2017
7. S Kesavan, **J Jayakumar**, "Improvement of adaptive HTTP streaming using advanced real-time rate adaptation", Computers & Electrical Engineering, Vol.58, pp. 49–66,2017.
8. 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
9. Jebarani Evangeline S, S S Kumar, **J Jayakumar**, "Torque modeling of switched reluctance motor using LSSVM-DE" Neurocomputing Vol.211, pp. 117-128, October 2016.
10. XA Mary, L Sivakumar, **J Jayakumar**, "Modelling and control of MIMO gasifier system during coal quality variations". International Journal of Modelling, Identification and Control, Vol.23 issue.2, pp.131-139,2015.
11. S Kesavan, **J Jayakumar**, "Dynamic adaptive streaming over HTTP (DASH)-comprehensive study and rate adaptation performance analysis", International Journal of Soft Computing, vol.10, Issue.4, pp. 261-273,2015
12. S Chacko, **J Jayakumar**, "Directional Gaussian filter with variable filtering strength and variable window size for deblocking digital images", International Journal of Information and Communication Technology, vol.7, Issue.4, July 2015