- 1. Online Optimization Based Model Predictive Control on Two Wheel Segway System in materials today: Proceedings, **Elsevier**, May 2020 (Published Online). (Scopus)
- 2. Power Management Storage through Local Consumer Demand Control Using IOT in materials today: Proceedings, **Elsevier**, May 2020 (Published Online). (Scopus)
- 3. Detection of Moving Object in Dynamic Visual Sequences Based on Partial Least Squares Classifier in Journal of Medical Systems, vol. 43, no. 259, **Springer**, July 2019. (**SCI**)
- 4. Fault Data Injection Attack on Nonlinear Physical System and Mitigation Based on Interval Type2-Fuzzy Logic Controller in **IET Cyber Physical Systems: Theory & Applications**, OCT, 19, 2018. (**Scopus**)
- 5. Fuzzy PD Plus I Control based Adaptive Cruise Control System in Simulation and Real-time Environment in **IETE** Journal of Research, **Taylor & Francis**, vol. 64, pp. 1-11, 2018, Print ISSN: 0377-2063, Online ISSN: 0974-780X, (**SCI**), IF– 0.909.
- 6. **Formation Control of Cyber Physical Robots in Marine Applications** in Indian Journal of Geo Marine Sciences, Vol. 47 (08), August 2018, pp 1-10, (**SCI**).
- 7. Anfis Classifier Based Moving Object Detection and Segmentation in Indoor and Outdoor Environments in Current Signal Transduction Therapy, Bentham Science, vol.14, no.1, 2019, pp 21-30. (Scopus).
- 8. ANN-based Maximum Power Point Tracking for a Large Photovoltaic Farm Through Wireless Sensor Networks in Current Signal Transduction Therapy, Bentham Science, vol.14, no.1, 2019, pp 38-48. (Scopus).
- 9. Implementation Analysis on Parallel Parking Scheme for Autonomous Robots based on Nonholonomic Constraints in Current Signal Transduction Therapy, Bentham Science, vol.13, 2018, pp 44-48. (Scopus).
- 10. Performance Investigation of SHE PWM Implementation of GA Based LCL Resonant Inverter in Marine Applications in Indian Journal of Geo Marine Sciences, Vol. 46 (09), Sept 2016, pp 1889-1898, (SCI).
- 11. Performance Investigation of Genetic Algorithm based LCL Resonant Converter in Marine Applications in Indian Journal of Geo Marine Sciences, Vol. 45(10), Oct 2016, pp 1377-1388, (SCI).

- 12. Closed Loop Performance Investigation Of Chopper Fed Dc Motor Using Various Controller in International Journal of Applied Engineering Research, Volume 10, Number 55 (2015).
- 13. **A Soft Computing based Analysis on Moisture Control in Paper Industry** in International Journal of Applied Engineering Research, Volume 10, Number 55 (2015).
- 14. Model Predictive Control Law of Buck-Boost Converter Based on Piecewise Affine Modelling in International Journal of Applied Engineering Research, Volume 10, Number 55 (2015).