

JOURNAL PUBLICATION:

1. **K.K.Saravanan** and P. SivaKarthik,” Ru-Dye Grafted CuS and Reduced Graphene Oxide (CuS/rGO)Composite: An Efficient and Photo Tunable Electrode for DyeSensitized Solar Cells”,Journal of Cluster Science,ISSN 1040-7278,Vol.31, Issue.2,August 2019, pp.401-407.

2. **K.K.Saravanan**,P.SivaKarthik,P.RamnivasMirtha,J.Balaji&B. Rajeshkanna,” A one-pot hydrothermal induced PANI/SnO₂ and PANI/SnO₂/rGOternary composites for high-performancechemiresistive-based H₂S and H₃ gas sensors’, Journal of Materials Science: Materials in Electronics,ISSN 0957-4522,April 2020.

3. **K.K.Saravanan**,N.Shanmugasundaram,”Experimental Verification of High Frequency Power Cable Modeling and analysis for inverter motor Drive System’, GEDRAG & ORGANISATIE REVIEW, ISSN: 0921-5077,Vol.33,March 2020, pp.176-184.

4. **K.K.Saravanan**, S.Mahendran,”Aluminium 6082-boron carbide composite materials preparation and investigate mechanical-electrical properties with CNC turning”, Materials Today: Proceedings, ISSN NO:2214-7853,Jan.2020, pp.93-97.

5. AartheeswariV,Agilan V, Mohan Raj K, Vinayagan,**K.K.Saravanan**,Modeling and Simulation of Solar Pv Array With GridConnected Power Systems, Journal of Applied Science and Computations, Volume VI, Issue III, March 2019,pp.967-972.

6. **K.K.Saravanan**, S.A. Elankurisil, Analysis and Investigation on Photo Voltaic System Stability for Grid Connected Load, Journal of Electrical Engineering, Volume 17, no. 4, 2017,pp.47 - 54.

7. **K.K.Saravanan**, N.Shanmugasundaram, N.Stalin , Design of Cascaded Multi Level Inverter by Pulse Width Modulation Method , Taga Journal of Graphic Technology , Volume 14,no 1,2018,pp.3490 -3497.

8. **K.K.Saravanan**,Dr.N.Stalin,”Modelling and Analysis on Photo Voltaic System stability for Grid Connected Load”, Advances in Natural and applied sciences, April 2017, pp.370-376.

9. **K.K.Saravanan**,Dr.N.Stalin, T.SreeRenga Raja, “Design of Single-Phase Seven Level Grid-Connected Inverter Using Solar System ”, Asian Journal of Research in Social Sciences and Humanities, October 2016 ,pp.868-880.

10. **K.K.Saravanan**, Dr. N. Stalin, T. SreeRenga Raja, "Design and Investigation of Grid Connected Current Source Inverter for Photovoltaic System", International Journal of Advanced Engineering Technology, ISSN 0976-3945 Vol. 7 No.2, 2016, pp.280-284.

11. **K.K.Saravanan**, Dr. N. Stalin, S. Satthiyaraj, "Analysis of Fault-Current Limiting Scheme for the Micro grid", International Journal of Applied Engineering Research, ISSN 0973-4562 Vol.10 No.72, 2015, pp.269-274.

12. **K.K.Saravanan**, Dr. N. Stalin, "Design of three Phase Fifteen level Cascaded Multilevel Inverter Using Embedded Controller", International Journal of Applied Engineering Research, ISSN 0973-4562 Vol.10 No.72, 2015, pp.437-443.

13. **K.K.Saravanan, Dr. N. Stalin, R. Annandharaj**, "Design and Analysis of Bidirectional Isolated LLC Resonant Converter", International Journal of Applied Engineering Research, ISSN 0973-4562 Vol. 10 No.51, 2015, pp.330-335.

14. S.A. Elankurisil, **K.K.Saravanan**, Dr. N. Stalin, P. Mahendra Peruman, "Investigation on Full Bridge and Coupled Inductor ZVS DC-DC Converter Fed PMDC Motor", International Journal of Applied Engineering Research ISSN 0973-4562 Volume 10, Number 9, 2015, pp. 24407-24422.