Dr. K. Rathnakannan Associate Professor

- 1. Parasuraman. R & Kailasam. Rathnakannan. "Efficient Electron Carrier distribution of n⁺ MoS₂/i-MoS₂/p-Si Heterojunction Solar Cell", 10, 1109, 87-91. (2019)
- 2. Parasuraman. R & Kailasam. Rathnakannan. "Al/n-ZnO/n $^+$ MoS $_2$ /p-Si/Ag Heterojunction Solar Cell Based on Pyro-Piezo-Photovoltaics Effect." 10, 1109, 1-4, (2019).
- 3. Parasuraman. R & Kailasam. Rathnakannan. "Piezotronics Engineering of Heterojunction solar cell for energy harvesting", 10, 1109, 1-4, (2019).
- 4. Annamalai. Ganesh, Durairaj. Ashok & Kailasam. Rathnakannan. "Pectoral Nerve Block Versus Thoracic Paravertebral Block—Comparison of Analgesic Efficacy for Postoperative Pain Relief in Modified Radical Mastectomy Surgeries." Journal of Evolution of Medical and Dental Sciences. 6.10.14260, 4412-4416, (2017).
- 5. Damodaran. Jayahar, Kailasam. Rathnakannan & Ranihemamalini. R, "Simulation and Implementation of a Domestic Wind Power Generation Scheme with Improved Power Quality. International Review of Automatic Control (IREACO). 9. 365. 10.15866 (2016).
- 6. Jayahar, Damodaran & Ranihemamalini, R. & Kailasam, Rathnakannan. "Design and Implementation of Single Phase AC-DC Buck-Boost Converter for Power Factor Correction and Harmonic Elimination." International Journal of Power Electronics and Drive Systems (IJPEDS), 7, 1004-1011, (2016).
- 7. Jayahar, Ranihemamalini. R & Kailasam. Rathnakannan. "Design-oriented analysis and performance evaluation of single phase AC-DC buck boost converter." 9, 171-181, (2016).
- 8. Kailasam. Rathnakannan & Alves, Luís & Mendes, Joana & Pedro, Jose. "On the usage of harmonic balance to simulate memristive devices and circuits." 10, 1109, 1-4, (2015).