

### Academic Year 2021-22 Research Publications (Journals)

| Sl. No. | Name of the Faculty Author | Title of the Paper                                                                                                                                                        | Name of the Journal                        | ISB N/ISSN Number | Vol/Month                                      | Index No UG C/Scopus | URL/DOI                                                                                                      |
|---------|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|-------------------|------------------------------------------------|----------------------|--------------------------------------------------------------------------------------------------------------|
| 1       | Dr.B.Rajani                | An optimal energy management among the electric vehicle charging stations and electricity distribution system using GPC-RERNN approach.                                   | ENERGY                                     | 0360-5442         | Volume 245, 15 April 2022, 123180              | SCI                  | doi: <a href="https://doi.org/10.1016/j.energy.2022.123180">https://doi.org/10.1016/j.energy.2022.123180</a> |
| 2       | B. Rajani                  | Investigation on load harmonic reduction through solar-power utilization in intermittent SSFI using particle swarm, genetic, and modified firefly optimization algorithms | Journal of intelligent & Fuzzy systems     | 4117 - 4133       | Vol 42,no.4,pp.1-17,4 <sup>th</sup> march 2022 | SCIE                 | DOI:10.3233/JIFS-212559                                                                                      |
| 3       | B. Rajani                  | Optimally detecting and classifying the transmission line fault in power system using hybrid technique                                                                    | ISA Transactions the journal of Automation | 0019 - 0578       | 17 <sup>th</sup> , March 2022                  | SCI                  | DOI: <a href="https://doi.org/10.1016/j.isatra.2022.03.017">https://doi.org/10.1016/j.isatra.2022.03.017</a> |