



# SRI VENKATESWARA

## COLLEGE OF ENGINEERING AND TECHNOLOGY

Thirupachur-631203, Tiruvallur TK & DT

Approved by AICTE New Delhi & Affiliated to Anna University, Chennai  
(A Telugu Minority Institution)

### 3.3.1 Number of Research papers in the journal notified on the UGC website during the last five years

#### Academic Year 2022-2023

| Sl. No | Title of the Paper   | Name of the Authors   | Dept. of Teacher | Name of Journal    | Year of Publication | Issn Number       | Link to Article/ Abstract of the Article |
|--------|--|-----------------------|------------------|--------------------|---------------------|-------------------|--|
| 1      | Prediction Of Mechanical Strength of Magnesium alloy AZ31 with calcium addition using a neural network-based model | Dr.S. PALANI          | MECH             | Journal of Physics | 2023                | 1742-6596         | <a href="#">VIEW</a>                     |
| 2      | Artificial Intelligence Based Reduced Switch Multilevel Inverter for Grid Connected PV Applications                | Dr.M. Sivasubramanian | EEE              | ICCPCT             | 2023                | 979-8-3503-3325-1 | <a href="#">VIEW</a>                     |
| 3      | Design of Interleaved Cuk Converter with fuzzy based MPPT in standalone PV Application                             | Dr.M. Sivasubramanian | EEE              | ICCPCT             | 2023                | 979-8-3503-3325-1 | <a href="#">VIEW</a>                     |



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|   |  |                       |     |                              |      |                   |                      |
|---|--|-----------------------|-----|------------------------------|------|-------------------|----------------------|
| 4 | Review of Maximum Power Point Tracking Based Novel Converters Used in EV Application | Dr.M. Sivasubramanian | EEE | ICCPCT                       | 2023 | 979-8-3503-3325-1 | <a href="#">VIEW</a> |
| 5 | Implementation of PV-Wind based Microgrid System using Whale Optimization Algorithm  | Dr.M. Sivasubramanian | EEE | Seventh Sense Research Group | 2023 | 2348-8379         | <a href="#">VIEW</a> |
| 6 | LPG Gas Level Monitoring and Leakage Detection System                                | Mr.M. Namachivayam    | EEE | ICSSAS                       | 2023 | 979-8-3503-0085-7 | <a href="#">VIEW</a> |