



### 3.3.1.1. Number of research papers in the Journals notified on UGC CARE year wise during the last five years

**2022**

| Sl No. | Title of the paper                                                                                             | Author                        | Dept. | Journal                                            |
|--------|----------------------------------------------------------------------------------------------------------------|-------------------------------|-------|----------------------------------------------------|
| 1      | Review on role of nanoscale HfO <sub>2</sub> switching material in resistive random access memory device       | Aswathy N                     | ECE   | Emergent Materials, Springer Nature                |
| 2      | Trust-based secure routing and message delivery protocol for signal processing attacks in IoT applications     | Ajay Kumar                    | ECE   | The Journal of Supercomputing                      |
| 3      | Classification of COVID patient image dataset using modified deep convolutional neural network system          | Dr. P Jenopaul                | EEE   | Bulletin of Electrical Engineering and Informatics |
| 4      | Auto-encoder and bidirectional long short-term memory based automated arrhythmia classification for ECG signal | Dr.P.Jenopaul                 | EEE   | Biomedical Signal Processing and Control           |
| 5      | High gain DC-DC converter using switched inductor and capacitor technique for micro grid application           | Gomathy S,Remya K P           | EEE   | Stochastic Modeling & Applications                 |
| 6      | Design and Development of a High-Gain Bi Directional DC-DC Converter with reduced ripple for UPS Application   | Rajitha A R,<br>Rajalakshmy S | EEE   | Stochastic Modeling & Applications                 |
|        | A high efficient AC/DC converter with Pi controller and PFC capability                                         | Akhila K,<br>Suburamoniyan    | EEE   | Stochastic Modeling & Applications                 |



| Sl No. | Title of the paper                                                                                                                                            | Author                         | Dept. | Journal                                                                                           |
|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|-------|---------------------------------------------------------------------------------------------------|
| 8      | A Modified Electric Vehicle Charger Topology with Bidirectional Capability for EV Application                                                                 | Dr. Tony George, Nayana J      | EEE   | Stochastic Modeling & Applications                                                                |
| 9      | Closed Loop Control Strategy for Quasi Resonant Sepic Converter for Solar Photovoltaic Applications                                                           | Sreehari S, Alan Mathew George | EEE   | Stochastic Modeling & Applications                                                                |
| 10     | Performing the classification of pulsation cardiac beats automatically by using CNN with various dimensions of kernels                                        | Gomathy Sankaraiyer            | EEE   | International Journal of Reconfigurable and Embedded Systems (IJRES)                              |
| 11     | Hysteresis Based Quasi Fixed Frequency Current Control of Single Phase Full Bridge Grid Integrated Voltage Source Inverter                                    | Deepa Sankar                   | EEE   | Energies                                                                                          |
| 12     | An analysis of foreign direct investment theories                                                                                                             | Dr. Madhu C S                  | MBA   | International Journal of Innovative Research in Engineering & Multidisciplinary Physical Sciences |
| 13     | Relevance of shipping terms                                                                                                                                   | Dr. Madhu C S                  | MBA   | Journal of Emerging Technologies and Innovative Research                                          |
| 14     | How to reduce financial risks in exports?                                                                                                                     | Dr. Madhu C S                  | MBA   | International Journal of All Research Education and Scientific Methods                            |
| 15     | Modelling the Interaction Between Serious Leisure, Self-Perceived Employability, Stress, and Workplace Well-being: Empirical Insights from Graduates in India | Nimmi P M                      | MBA   | Personnel Review                                                                                  |
| 16     | Enhancing employee wellbeing – An employability perspective.                                                                                                  | Nimmi P M                      | MBA   | Benchmarking: An International Journal                                                            |
| 17     | Portraying Women in Advertisements: An analogy between past and present                                                                                       | Vignesh Karthik S A            | MBA   | American Journal of Economics and Sociology                                                       |



| SI No. | Title of the paper                                                                                                   | Author                          | Dept. | Journal                                                          |
|--------|----------------------------------------------------------------------------------------------------------------------|---------------------------------|-------|------------------------------------------------------------------|
| 18     | Additional Skills Acquisition Programme (ASAP) project: the case of an employability enhancement initiative in India | Nimmi P M                       | MBA   | Journal of International Education in Business                   |
| 19     | Srilanka Economics Crisis-The Symptoms, Causes, and Possible Cures                                                   | Nimal C N, Niyati Namboodiripad | MBA   | International Journal of Business Ethics in Developing Economies |
| 20     | Entrepreneurial Intention of Indian Women University Students                                                        | Neenet Baby Manjaly, Nimmi PM   | MBA   | Journal of Women Entrepreneurship and Education                  |
| 21     | A review of sustainable and environment- friendly flame retardants used in plastics                                  | Sreenivasan S N                 | ME    | Polymer Testing                                                  |
| 22     | A review on combustion and mechanical behaviour of pyrolysis biochar                                                 | Sreenivasan S N                 | ME    | Materials Today Communications                                   |
| 23     | PH Control in Sodium Chlorate Cell for energy efficiency using PSO-FOPID Controller                                  | Dr. Sreepriya S                 | RA    | Chemical Industry & Chemical Engineering Quarterly               |