

### 3.3.1 Number of research papers published per teacher in the Journals notified on UGC website during the last five years

| Sl. No.          | Title of paper   | Name of the author/s        | Link to article / paper / abstract of the article |
|------------------|--|-----------------------------|---|
| <b>2022-2023</b> |  |                             |   |
| 1                | Memory Aware Optimized Hadoop MapReduce Model in Cloud Computing Environment   | Prof. Vaishali Sontakke     | <a href="#">Click Here</a>                        |
| 2                | Recent Advancement in Prediction and Analyzation of Brain Tumour using the Artificial Intelligence Method                                  | Nanda Ashwin                | <a href="#">Click Here</a>                        |
| 3                | Multiband Frequency Reconfigurable Patch Antenna for Wireless Applications Using Multiple Switching Elements                               | Rajendra S. Chandrappa D N  | <a href="#">Click Here</a>                        |
| 4                | Multiband Frequency Reconfigurable Microstrip Patch Antenna using a PIN Diode for Wireless Applications                                    | Rajendra S. Chandrappa D N  | <a href="#">Click Here</a>                        |
| 5                | Fabrication of Aluminium Hybrid Metal Matrix Composites and Development Multiple Regression Models for Wire Electrical Discharge Machining | Prof. G M Surendranatha     | <a href="#">Click Here</a>                        |
| 6                | Microstructural Characterization and Wear Behavior of 12 wt. % of Boron Carbide Reinforced Al2030 Alloy Composites                         | Prof. V.A. Anjan Babu       | <a href="#">Click Here</a>                        |
| 7                | Numerical Investigation of Human Knee Joint for Understanding the Influence of Anterior Cruciate Ligament on the Displacement and Stress   | Prof. Bharath Kodangal Bhat | <a href="#">Click Here</a>                        |
| 8                | Anterior Cruciate Ligament (ACL) Reconstruction– A Numerical Case Study, Cogent Engineering,   | Prof. Bharath Kodangal Bhat | <a href="#">Click Here</a>                        |



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|----|--|-----------------------|----------------------------|
| 9  | Cost Optimization and Optimal Sizing of Standalone Biomass/Diesel Generator/Wind Turbine/Solar Microgrid System                            | Dr. S V Prakash       | <a href="#">Click Here</a> |
| 10 | Emission Impact of Pentanol on Pongamia Biodiesel Propelled Diesel Engine  | Dr. S V Prakash       | <a href="#">Click Here</a> |
| 11 | Mechanical and Wear Characterisation of Boron Carbide Particles Reinforced Al2030 Alloy Composites Developed by Two Stage Stir Cast Method | Prof. V.A. Anjan Babu | <a href="#">Click Here</a> |
| 12 | Comparative Study on the Effect of Outrigger System with Belt Truss in RCC and Steel Structure Subjected to Lateral Loads                  | Shilpa R              | <a href="#">Click Here</a> |

**Total no of Journals for 2022-23: 12**

**2021-2022**

|   |   |                            |                            |
|---|---|----------------------------|----------------------------|
| 1 | Analysis of Convolution Neural Network Algorithms for Classification of Covid-19 Computed Tomography Images | Dr. C. Emilin Shyni        | <a href="#">Click Here</a> |
| 2 | Early Predictive Model for Detection of Plant Leaf Diseases Using MobileNetV2 Architecture”                 | Dr. I. Manimozhi           | <a href="#">Click Here</a> |
| 3 | Technical Analysis of Content Placement Algorithms for Content Delivery Network in Cloud                    | Dr. Prakash Sheelvanthmath | <a href="#">Click Here</a> |
| 4 | Mucormycosis Image Classification Based on the Severity by using Convolutional Neural Network (CNN)         | Dr. I. Manimozhi           | <a href="#">Click Here</a> |
| 5 | Public-Key-Encryption-With-Equality-Test-for-Industrial-Internet-of-Things-Based-on-Near-Ring               | Dr. I. Manimozhi           | <a href="#">Click Here</a> |

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| 6  | Facial Emotion Recognition using Convolutional & Neural Networks  | Dr. R. Senakamalavalli   | <a href="#">Click Here</a> |
| 7  | An efficient Cyber Security Using Cyber Data Encryption Security Algorithm for Communication  | Mrs. Shammi L  | <a href="#">Click Here</a> |
| 8  | Classification of Web Pages using the Machine Learning Algorithms with Web Page Recommendations   | Dr. Lingaraju G M  | <a href="#">Click Here</a> |
| 9  | A Comprehensive Survey of the Security Issues, Attacks and Trust & Reputation Based Solutions towards VANET   | Dr. Nanda Ashwin,<br>Dr. Udayabalan<br>Balasingam,<br>Swetha R | <a href="#">Click Here</a> |
| 10 | Prediction of Heart Disease using Biomedical Data Through Machine Learning Techniques   | Dr. Nagaraj M. Lutimath  | <a href="#">Click Here</a> |
| 11 | FCN Network-Based Weed and Crop Segmentation for IoT-Aided Agriculture Applications   | Prof. Vaishali Sontakke  | <a href="#">Click Here</a> |
| 12 | Implementation of Adaptive Neuro Fuzzy Controller for Fuel Cell Based Electric Vehicles   | Harshavardhana Reddy,<br>Sachin Sharma                         | <a href="#">Click Here</a> |
| 13 | Electroencephalogram (EEG) Signal Classification for Brain Computer Interface using Discrete Wavelet Transform (DWT)  | Rajesh L   | <a href="#">Click Here</a> |
| 14 | Assessment of Asymmetry in Ailateral Static Frontal Breast Thermograms using Difference Image and Radiomic Features   | Vijaya Madhavi,<br>Christy Bobby T                             | <a href="#">Click Here</a> |
| 15 | Enhanced Spectrum sensing Techniques in Cognitive Radio based Internet of Things  | Leena K  | <a href="#">Click Here</a> |
| 16 | Texture Feature Extraction of Lumbar Spine Trabecular Bone Radiograph Image using Laplacian of Gaussian Filter with KNN Classification to Diagnose Osteoporosis | Kavita Avinash,<br>KV Mahendra Prashanth,<br>A. Ramalingaiah   | <a href="#">Click Here</a> |



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|----|--|---|----------------------------|
| 17 | Secure Data Transmission Mechanism For An E-Healthcare System With Wireless Body Area Networks   | Dr. S.V. Annlin Jeba ,<br>Dr. V.Navya ,<br>Dr. V.Praveena ,<br>Jovin Deglus ,<br>Dr. M.Maragatharajan | <a href="#">Click Here</a> |
| 18 | Mechanical Fractography and Worn Surface Analysis of Nanographite and ZrO <sub>2</sub> -Reinforced Al7075 Alloy Aerospace Metal Composites                   | Prof. Jayasheel I Harti   | <a href="#">Click Here</a> |
| 19 | Microstructure, Mechanical Behavior and Tensile Fractography of 90-Micron-Sized Titanium Carbide Particles Reinforced Al2219 Alloy Die Cast Metal Composites | Prof. Jayasheel I Harti   | <a href="#">Click Here</a> |
| 20 | “The Onset of Magneto-electrothermoconvection in Dielectric Fluid Saturated Rotating Porous Medium”  | B.V. Rangaraju  | <a href="#">Click here</a> |

**Total no of Journals for 2021-22: 20**

**2020-2021**

|   |   |                            |                            |
|---|---|----------------------------|----------------------------|
| 1 | A Comprehensive Framework for Big Data Analytics in Education   | Dr. Prakash Sheelvanthmath | <a href="#">Click Here</a> |
| 2 | An Emotion Intelligence Auto Music Play for COVID 19 Pandemic”  | Dr.I. Manimozhi            | <a href="#">Click Here</a> |
| 3 | An Intelligent Modified Approach Towards Synthesizing Virtual Human Sign Language Text for the Hearing Impaired<br>5Communications based on OCR | Dr.I. Manimozhi            | <a href="#">Click Here</a> |
| 4 | Preventing Vehicle Accident Using Banana Pi and Multiple Sensors  | Dr. Chandramouli H         | <a href="#">Click Here</a> |
| 5 | IoT Based Agriculture Monitoring and Smart Irrigation System Using Banana Pi  | Dr. Chandramouli H         | <a href="#">Click Here</a> |



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| 6  | Enhancing Network-On-Chip Performance by 32-Bit Risc Processor Based on Power and Area Efficiency                                    | Dr. M. K. Shanker Ganesh   | <a href="#">Click Here</a> |
| 7  | A Survey on Detection of Malpractices in Examination Surveillance Video  | Mrs.Divya U H  | <a href="#">Click Here</a> |
| 8  | Comparing Packet Processing Speed using DPDK”, International Journal of Electrical Engineering and Technology                        | Vinay K M  | <a href="#">Click Here</a> |
| 9  | Camouflage Based Multifunctional Army Robot  | Kiran Kumar K, Harshitha S Shetty, Joanne S George, Krithika P, Sunaina Kashyap    | <a href="#">Click Here</a> |
| 10 | Development Of Smart Pet Monitoring System   | Mr. Kiran Kumar K, Rishav Pandey, Nirmal Pereira, Dabbara Sai Charan, Anurag Kumar | <a href="#">Click Here</a> |
| 11 | Revitalized Screen Reader for Visually Challenged  | Mr. Dilip R , Mr. Kiran kumar K, Mr. Sandeep K , Mr. Chandrashekhar L              | <a href="#">Click Here</a> |
| 12 | Mechanical Behavior and Fractography of Graphite and Boron Carbide Particulates Reinforced A356 alloy Hybrid Metal Matrix Composites | Prof. Jayasheel I Harti  | <a href="#">Click Here</a> |
| 13 | Investigations on Mechanical Behavior of B4C and Graphite Particles Reinforced AL2117 Alloy Hybrid Metal Composites                  | Prof. K Niranjan Rao , Prof.Jayasheel Harti  | <a href="#">Click Here</a> |
| 14 | Impact of Boron Carbide and Graphite Dual Particulates Addition on Wear Behavior of A356 Alloy Metal Matrix Composites               | Prof.Jayasheel Harti   | <a href="#">Click Here</a> |



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|----|--|----------------------|----------------------------|
| 15 | Hardness and Tensile Behavior of Al2030 Alloy and 9 wt. % of B4C Reinforced Composites   | Prof. Anjan Babu V A | <a href="#">Click Here</a> |
| 16 | Performance of Nano Materials for the Strength Development in Concrete Cube used as Partial Replacement for Cement at Different Temperatures | Dr Nagaraj Sitaram   | <a href="#">Click Here</a> |

**Total no of Journals for 2020-21: 16**

**2019-2020**

|   |   |                                       |                            |
|---|---|---------------------------------------|----------------------------|
| 1 | Recreation of 3D Models of Objects Using MAV and Skanect  | Dr. Prakash Sheelvanthmath            | <a href="#">Click Here</a> |
| 2 | An Insightful Review on Educational Big Data Analytics in Cloud-Based E-Learning System   | Dr. Prakash Sheelvanthmath            | <a href="#">Click Here</a> |
| 3 | A Review of Non-Invasive BCI Devices  | Dr.Anitha N                           | <a href="#">Click Here</a> |
| 4 | Converting Intent of Physically Impaired into Text using Eye Blink Detection  | Dr.Anitha N                           | <a href="#">Click Here</a> |
| 5 | Design and Analysis of Frequency Reconfigurable Microstrip Patch Antenna for Multi Band Operations using PIN Diodes   | Chandrappa D N, Rajendra, Rajappa H S | <a href="#">Click Here</a> |
| 6 | Effective Transmission of Critical Parameters in Heterogeneous Wireless Body Area Sensor Networks.  | V. Navya, P. Deepalakshmi             | <a href="#">Click Here</a> |
| 7 | I-Vector-Based Speaker Verification on Limited Data Using Fusion Techniques   | Jayanthi Kumari T. R , H. S. Jayanna  | <a href="#">Click Here</a> |
| 8 | Energy Efficient Fuzzy Cost-Effective Routing for Transmission of Critical Physiological Parameters in Wireless Body Area Network Under Emergency Scenarios | V. Navya, and P. Deepalakshmi         | <a href="#">Click Here</a> |

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|----|---|-------------------------|----------------------------|
| 9  | Studies on Microstructure, Mechanical Properties of Flyash Reinforced AL3003 MMCs | Prof. Jayasheel I Harti | <a href="#">Click Here</a> |
| 10 | Microstructure and Dry Sliding Wear Behaviour of Al2219-TiC Composites            | Prof. Jayasheel I Harti | <a href="#">Click Here</a> |

**Total no of Journals for 2019-20: 10**

**2018-2019**

|   |  |   |                            |
|---|--|---|----------------------------|
| 1 | Multi-Agent based MapReduce Model for Efficient Utilization of System Resources  | Mrs. Heena Kousar                       | <a href="#">Click Here</a> |
| 2 | Heart Disease Prediction on Continuous Time Series Data with Entropy Feature Selection and DWT Processing  | Dr.Anitha N                             | <a href="#">Click Here</a> |
| 3 | Natural Convection in an Inclined Parallelogram Enclose: Effect of Non-Uniform Heating   | P Ravindra                              | <a href="#">Click Here</a> |
| 4 | Multi-View Breast Thermogram Analysis by Fusing Texture Features   | Vijaya Madhavi,<br>Christy Bobby T      | <a href="#">Click Here</a> |
| 5 | Performance Analysis of 2x2 Rectangular Microstrip Array with Four Rectangular Slot Defective Ground Structures  | Anita R,<br>Chaithanya Kumar M.V        | <a href="#">Click Here</a> |
| 6 | Cross Polarization Reduction of a Circular Polarised Microstrip Antenna with Two L Slot DGS for Wireless Applications                                    | Anita R,Chaithanya<br>Kumar M.V         | <a href="#">Click Here</a> |
| 7 | Bandwidth Enhancement of Rectangular Microstrip Antenna with Theta Slot DGS for Wireless Applications  | Anita R,Chaithanya<br>Kumar M.V         | <a href="#">Click Here</a> |
| 8 | Threshold-Based Energy-Efficient Routing for Transmission of Critical Physiological Parameters in a Wireless Body Area Network Under Emergency Scenarios | V. Navya, and P.<br>Deepalakshmi        | <a href="#">Click Here</a> |
| 9 | Speaker Verification Under the Constraint of Limited Data,   | Jayanthi Kumari T. R ,<br>H. S. Jayanna | <a href="#">Click Here</a> |



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| 10 | Energy Efficient Routing for Critical Physiological Parameters in Wireless Body Area Networks Under Mobile Emergency Scenarios | V. Navya, and P. Deepalakshmi | <a href="#">Click Here</a> |
| 11 | Optimized Uplink Scheduling Model through Novel Feedback Architecture for Wimax Network  | Dr. Chandramouli H            | <a href="#">Click Here</a> |
| 12 | Trustworthy Cloud Services for IoT Security: Triple Integration of Security, Privacy and Reputation                            | Dr. Chandramouli H            | <a href="#">Click Here</a> |
| 13 | Implementation of Parallelized K-means and K-Medoids++ Clustering Algorithms on Hadoop Map Reduce Framework                    | Dr. Chandramouli H            | <a href="#">Click Here</a> |
| 14 | Adaptive Uplink Scheduling Model for WiMAX Network using Evolutionary Computing Model  | Dr. Chandramouli H            | <a href="#">Click Here</a> |

**Total no of Journals for 2018-19: 14**

**TOTAL NUMBER OF JOURNAL IN THE LAST FIVE YEARS: 72**

  
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