

### 3.4.5 Number of research papers per teacher in the Journals notified on UGC website during the year

| Title of paper                                                                                                                                    | Name of the author/s | Department of the teacher | Name of journal                                                | Year of publication | ISSN number | Link to the recognition in UGC enlistment of the Journal                                                                                                          |
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| Alloyed Cu <sub>2</sub> Fe <sub>1-x</sub> BaxSnS <sub>4</sub> for photoelectrochemical applications: band gap tailoring and structural transition | Dr.M.Suresh Kumar    | ECE                       | Journal of Solid State Electrochemistry                        | 2022                | 1433-0768   | <a href="https://doi.org/10.1007/s10008-022-05243-6">https://doi.org/10.1007/s10008-022-05243-6</a>                                                               |
| A Conformal Multi-Band MIMO Antenna for Vehicular Communications                                                                                  | Dr.C.Chandrasekhar   | ECE                       | Progress in Electromagnetic Research Letters                   | 2023                | 1559-8985   | <a href="https://www.jpier.org/ac_api/download.php?id=22090507">https://www.jpier.org/ac_api/download.php?id=22090507</a>                                         |
| Tumor Region detection in MRI Images using Novel Kernalized Fuzzy C-Means Clustering Algorithm                                                    | Dr.K.Lokesh Krishna  | ECE                       | Journal of Scientific Research of The Banaras Hindu University | 2022                | 0447-9483   | <a href="https://internet.bhu.ac.in/research_pub/jsr/Volumes/JSR_66_03_2022/28.pdf">https://internet.bhu.ac.in/research_pub/jsr/Volumes/JSR_66_03_2022/28.pdf</a> |
| Efficient CRNN Recognition Approaches for Defective Characters in Images                                                                          | Dr.K.Lokesh Krishna  | ECE                       | International Journal of Computing and Digital Systems         | 2022                | 2210-142X   | <a href="https://dx.doi.org/10.12785/ijcds/1201114">https://dx.doi.org/10.12785/ijcds/1201114</a>                                                                 |
| Brain Tumour Region Extraction Using Novel Self-Organising Map-Based KFCM Algorithm                                                               | Dr.K.Lokesh Krishna  | ECE                       | Pertanika Journal of Science & Technology                      | 2023                | 2231-8534   | <a href="https://doi.org/10.47836/pjst.31.1.33">https://doi.org/10.47836/pjst.31.1.33</a>                                                                         |

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| Human Emotion Recognition System Using Deep Learning Technique                                                                               | K.Amala                          | ECE | Journal of Pharmaceutical Negative Results                       | 2022         | 2229-7723 | <a href="https://www.pnrjournal.com/index.php/home/article/view/2967">https://www.pnrjournal.com/index.php/home/article/view/2967</a>                             |
| Development of Secured Online Parking Spaces                                                                                                 | K.Amala                          | ECE | Journal of Pharmaceutical Negative Results                       | 2022         | 2229-7723 | <a href="https://www.pnrjournal.com/index.php/home/article/download/2963/2820/3729">https://www.pnrjournal.com/index.php/home/article/download/2963/2820/3729</a> |
| Two fold Route Selection AODV routing protocol based on multiple metrics management for enhanced communications over MANET and Deep learning | Dr.K.Raveendra                   | ECE | IJFANS International Journal of Food and Nutritional Sciences    | 2022         | 2320-7876 | <a href="https://www.ijfans.org/uploads/paper/2ee6645630696124081e287cb0e9a5f8.pdf">https://www.ijfans.org/uploads/paper/2ee6645630696124081e287cb0e9a5f8.pdf</a> |
| Denoising Technique Using Double Density Dual Tree DWT for Medical Images                                                                    | Dr B Shoban Babu                 | ECE | Journal of Pharmaceutical Negative Results                       | 2022         | 2229-7723 | <a href="https://www.pnrjournal.com/index.php/home/issue/view/21">https://www.pnrjournal.com/index.php/home/issue/view/21</a>                                     |
| An Enhanced Z-Source Switched MLI Capacitor for Integrated Micro-Grid with Advanced Switching Pattern Scheme                                 | Dr. V Lakshmi Devi               | EEE | Engineering, Technology & Applied Science Research               | August, 2022 | 1792-8036 | <a href="https://doi.org/10.48084/etasr.4909">https://doi.org/10.48084/etasr.4909</a>                                                                             |
| Performance and Reliability Analysis of Double Boost Converter Fed Renewable PV System                                                       | Dr. V Lakshmi Devi & Dr. Kumar K | EEE | Journal of Engineering Volume 2023, Article ID 2096501, 18 pages | Mar-23       | 2314-4904 | <a href="https://doi.org/10.1155/2023/2096501">https://doi.org/10.1155/2023/2096501</a>                                                                           |

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| Economic Load Dispatch with Practical Constraints using Mountaineering Team-Based Optimization Technique   | Dr. Y V Krishna Reddy                                                | EEE | International Journal of Intelligent Systems and Applications in Engineering (IJISAE) | 03-09 September 2023 | 2147-6799 | <a href="https://ijisae.org/index.php/IJISAE/article/view/3407">https://ijisae.org/index.php/IJISAE/article/view/3407</a>     |
| Mitigation of Power Quality Issues in a Distribution System using PSO tuned Shunt Active Power Filter      | G. Gowthami , NM Girish Kumar, Dr. Sudheer Kasa, Dr. V. Lakshmi Devi | EEE | International Journal of All Research Education and Scientific Methods                | Dec-22               | 2455-6211 | <a href="http://www.ijaresm.com/volume-10/issue-12-december-2022">http://www.ijaresm.com/volume-10/issue-12-december-2022</a> |
| Power Quality Improvement in a Wind Energy integrated Three Phase AC System using NN-UPQC Control Strategy | K. Pavan Kumar, K.Yamuna, P. Vinod Kumar, Sudheer Kasa               | EEE | International Journal of All Research Education and Scientific Methods                | Dec-22               | 2455-6211 | <a href="http://www.ijaresm.com/volume-10/issue-12-december-2022">http://www.ijaresm.com/volume-10/issue-12-december-2022</a> |
| Power Loss Reduction in Distribution System by Network Reconfiguration Using MPSO Algorithm                | R. Sai Kiran, Y.V. Krishna Reddy, K. Sudheer                         | EEE | International Journal of All Research Education and Scientific Methods                | Dec-22               | 2455-6211 | <a href="http://www.ijaresm.com/volume-10/issue-12-december-2022">http://www.ijaresm.com/volume-10/issue-12-december-2022</a> |
| Decentralized Load Frequency Control with Wind and Solar PV Generations                                    | Pasala Pavan Kumar, K. Raju, Dr. V. Lakshmi Devi, Dr. Sudheer kasa   | EEE | International Journal of All Research Education and Scientific Methods                | Dec-22               | 2455-6211 | <a href="http://www.ijaresm.com/volume-10/issue-12-december-2022">http://www.ijaresm.com/volume-10/issue-12-december-2022</a> |

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| Fuzzy based Energy Management Control Strategy for Hybrid Energy Resources in a Microgrid System        | S.Thulasiram, Y. Hari Krishna, Dr. V. Lakshmi Devi, Dr. P Suresh | EEE | International Journal of All Research Education and Scientific | Dec-22    | 2455-6211                 | <a href="http://www.ijaresm.com/volume-10/issue-12-december-2022">http://www.ijaresm.com/volume-10/issue-12-december-2022</a>         |
| Smart Load Scheduling Strategy Utilizing Optimal Charging of EVs in Power Grids                         | Sk Naveed Ahmed, Dr. P. Suresh, Dr. K. Sudheer                   | EEE | International Journal of All Research Education and Scientific | Dec-22    | 2455-6211                 | <a href="http://www.ijaresm.com/volume-10/issue-12-december-2022">http://www.ijaresm.com/volume-10/issue-12-december-2022</a>         |
| Title: Automatic Covid-19 identification using Machine Learning Techniques : Survey                     | K.SREEDEVI                                                       | MCA | Journal of Pharmaceutical Negative Results                     | 2022      | Page No:4420-4424         | <a href="https://www.pnrjournal.com/index.php/home/article/view/4366">https://www.pnrjournal.com/index.php/home/article/view/4366</a> |
| Improving the mechanical properties of BN reinforced magnesium composites using vacuum sintering method | Dr. E Venkatakondaiah                                            | ME  | Materials Today: Proceedings                                   | June 2023 | June 2023, ISSN 2214-7855 | <a href="https://doi.org/10.1016/j.matpr.2023.05.630">https://doi.org/10.1016/j.matpr.2023.05.630</a>                                 |
| Investigating the mechanical properties of titanium dioxide reinforced magnesium composites             | Mr. Anjan Kumar Reddy                                            | ME  | Materials Today: Proceedings                                   | May 2023  | May 2023, ISSN 2214-7853  | <a href="https://doi.org/10.1016/j.matpr.2023.05.193">https://doi.org/10.1016/j.matpr.2023.05.193</a>                                 |

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| Influence of titanium diboride reinforced magnesium composites using squeeze casting method                                | Dr. M Vamsi Krishna            | ME | Materials Today: Proceedings                                        | May 2023      | May 2023, ISSN 2214-7853                               | <a href="https://doi.org/10.1016/j.matpr.2023.04.602">https://doi.org/10.1016/j.matpr.2023.04.602</a>     |
| Microstructure and mechanical properties of AZ91D/Si3N4 composites using squeeze casting method                            | Dr. Jagath Narayana Kamineni   | ME | Materials Today: Proceedings                                        | May 2023      | May 2023, ISSN 2214-7853                               | <a href="https://doi.org/10.1016/j.matpr.2023.04.470">https://doi.org/10.1016/j.matpr.2023.04.470</a>     |
| Response surface methodology based evaluation of S-glass fibre composite reinforced with aluminium oxide/pearlite hybrid   | Mr. Guru Mahesh & Dr. N Rajesh | ME | Advances in Materials and Processing Technologies, Taylor & Francis | February 2023 | Print ISSN: 2374-068X Online ISSN: 2374-0698           | <a href="https://doi.org/10.1080/2374068X.2023.2180137">https://doi.org/10.1080/2374068X.2023.2180137</a> |
| Microstructure and mechanical properties of similar and dissimilar friction stir spot welded AA 5052 and AA 6061-T6 sheets | Dr E venkata kondaiah          | ME | AIP Conference Proceedings                                          | #####         | ISSN 0094243X, 15517616<br><br>ISSN 0094243X, 15517616 | <a href="https://doi.org/10.1063/5.0114180">https://doi.org/10.1063/5.0114180</a>                         |

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| Influence of Coated Electrode in Nanopowder Mixed EDM of Al-Zn-Mg-Si <sub>3</sub> N <sub>4</sub> Composite                                   | Dr.M.Vamsi Krishna                          | ME    | Advances in Materials Science and Engineering, Hindawi Publisher                                     | October 2022 | ISSN: 1687-8434 (Print)<br>ISSN: 1687-8442 (Online) | <a href="https://doi.org/10.1155/2022/9539790">https://doi.org/10.1155/2022/9539790</a>                                                                                                                                                                                   |
| Development of Aluminium based metal matrix composites by stir casting method                                                                | Dr. M.Chandra sekhar reddy                  | ME    | International Conference on Advanced Materials and Modern Manufacturing, Materials Today Proceedings | #####        | E-ISSN:2214-7853                                    | <a href="https://doi.org/10.1016/j.matpr.2022.08.198">https://doi.org/10.1016/j.matpr.2022.08.198</a>                                                                                                                                                                     |
| Welding strength and surface experimentation on copper aluminium                                                                             | Dr.M.Vamsi Krishna,<br>Dr.K.Jagath Narayana | ME    | Materials Today Proceedings                                                                          | #####        | E-ISSN:2214-7853                                    | <a href="https://doi.org/10.1016/j.matpr.2022.04.207">https://doi.org/10.1016/j.matpr.2022.04.207</a>                                                                                                                                                                     |
| Synthesis of Cu-doped ZnS nano-powder by chemical co-precipitation process                                                                   | Dr. Pejjai Babu                             | S & H | Materials Today: Proceedings                                                                         | Mar-23       | 2214-7853                                           | <a href="https://www.researchgate.net/publication/369288249_Synthesis_of_Cu-doped_ZnS_nano-powder_by_chemical_co-precipitation_process">https://www.researchgate.net/publication/369288249_Synthesis_of_Cu-doped_ZnS_nano-powder_by_chemical_co-precipitation_process</a> |
| Synthesis, spectral characterization, and biological studies of Schiff bases and their mixed ligand Zn(II) complexes with heterocyclic bases | Reddi Moha Naidu Kalla                      | S & H | Inorganic and Nano-Metal Chemistry                                                                   | Nov-22       | 2470-1564                                           | <a href="https://www.tandfonline.com/doi/full/10.1080/24701556.2022.2068588">https://www.tandfonline.com/doi/full/10.1080/24701556.2022.2068588</a>                                                                                                                       |

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| Interface charge transfer kinetics study of tin oxide quantum dots interspersed Bi <sub>3.84</sub> W <sub>0.16</sub> O <sub>6.24</sub> nanoflowers via photoelectrochemical activity | Dr G Manjula           | S & H | <i>Journal of Electroanalytical Chemistry</i>      | Oct-22 | 1572-6657/1873-2569                                        | <a href="https://www.sciencedirect.com/science/article/abs/pii/S1572665722008244">https://www.sciencedirect.com/science/article/abs/pii/S1572665722008244</a> |
| Synthesis, Spectral Characterization, and Antimicrobial Evaluation of N,N'-(1,4-Phenylene)diurea Derivatives                                                                         | Reddi Moha Naidu Kalla | S & H | Russain Journal of Organic Cheistry                | Jun-22 | 1070-4280                                                  | <a href="https://link.springer.com/article/10.1134/S1070428022040212">https://link.springer.com/article/10.1134/S1070428022040212</a>                         |
| An efficient biosynthesis of palladium nanoparticles using Bael gum and evaluation of their catalytic and antibacterial activity                                                     | Dr. Pejjai Babu        | S & H | International Journal of Biological Macromolecules | Jun-22 | 0141-8130                                                  | <a href="https://www.sciencedirect.com/science/article/abs/pii/S0141813022007772">https://www.sciencedirect.com/science/article/abs/pii/S0141813022007772</a> |
| Optimizing scalability and Availability of Cloud based Software Services Using Modified Scale Rate Limiting Algorithm                                                                | Dr. N. Sudhakar Reddy  | CSE   | Theoretical Computer Science,                      | Jan-23 | <a href="#">Volume 943, 17 January 2023, Pages 230-240</a> | <a href="https://doi.org/10.1016/j.tcs.2022.07.019">https://doi.org/10.1016/j.tcs.2022.07.019</a>                                                             |
| Access Control in Offices Using Face Recognition                                                                                                                                     | Dr.Jasmin Sabeena      | CSA   | IJSART                                             | 2022   | 2395-1052                                                  | <a href="https://ijsart.com/Home/IssueDetail/56975">https://ijsart.com/Home/IssueDetail/56975</a>                                                             |
| PATCHES DETECTION ON ROADS USING MACHINE-LEARNING TECHNIQUES                                                                                                                         | Dr.Jasmin Sabeena      | CSA   | IJSART                                             | 2022   | 2395-1052                                                  | <a href="https://ijsart.com/Home/IssueDetail/56977">https://ijsart.com/Home/IssueDetail/56977</a>                                                             |

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| Cyber Security And Artificial Intelligence For Cloud-Based Internet of Transportation Systems                   | Dr.Jasmin Sabeena     | CSA | IJSART                                                       | 2022   | 2395-1052                                               | <a href="https://ijsart.com/Home/IssueDetail/57007">https://ijsart.com/Home/IssueDetail/57007</a>                                                                                                                                   |
| Classification of health care products using hybrid CNN-LSTM model                                              | B. Ramakantha Reddy   | CSA | Soft Computing                                               | 2023   | 1433-7479                                               | <a href="https://doi.org/10.1007/s00500-023-08279-6(0123456789().,-volV)(0123456789,-().volV)">https://doi.org/10.1007/s00500-023-08279-6(0123456789().,-volV)(0123456789,-().volV)</a>                                             |
| A Novel Deep Learning Model for Predicting Severity of the Disease using Covid-19 Long Non-Coding RNA Sequence. | Revathi Annem         | CSA | Jundishapur Journal of Microbiology                          | 2022   | 2008-4161                                               | <a href="https://pesquisa.bvsalud.org/global-literature-on-novel-coronavirus-2019-ncov/resource/pt/covidwho-2125819">https://pesquisa.bvsalud.org/global-literature-on-novel-coronavirus-2019-ncov/resource/pt/covidwho-2125819</a> |
| A mechanism to detecting flooding attacks in quantum enabled cloud-based low power and lossy networks,          | Dr. N. Sudhakar Reddy | CSE | Theoretical Computer Science,                                | Jan-23 | <a href="#">Volume 941, 4 January 2023, Pages 29-38</a> | <a href="https://doi.org/10.1016/j.tcs.2022.08.018">https://doi.org/10.1016/j.tcs.2022.08.018</a>                                                                                                                                   |
| Object Detection with Audio Feedback                                                                            | Dr.K.Santhi           | CSE | (Elsevier)                                                   |        | 2023 IJNRD   Volume 8, Issue 1 January 2023             |                                                                                                                                                                                                                                     |
| Blockchain based Covid Vaccine Booking                                                                          | Dr.K.Sekhar           | CSE | International Journal of Novel Research and Development(IJNR |        |                                                         | <a href="https://www.ijnrd.org/papers/IJNRD2301122.pdf">https://www.ijnrd.org/papers/IJNRD2301122.pdf</a>                                                                                                                           |



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| A Robust Method for Extracting Texture Features of Segmented Mammogram Images using                             | Dr.K.Sekhar         | CSE | International Journal of Recent Technology and Engineering (IJRTE) |      | Volume-12 Issue-1, May 2023 | <a href="https://www.ijrte.org/wp-content/uploads/papers/v12i1/A1821058119.pdf">https://www.ijrte.org/wp-content/uploads/papers/v12i1/A1821058119.pdf</a>                                                                           |
| Access Control in Offices Using Face Recognition                                                                | Dr.Jasmin Sabeena   | CSA | IJSART                                                             | 2022 | 2395-1052                   | <a href="https://ijsart.com/Home/IssueDetail/56975">https://ijsart.com/Home/IssueDetail/56975</a>                                                                                                                                   |
| PATCHES DETECTION ON ROADS USING MACHINE-LEARNING TECHNIQUES                                                    | Dr.Jasmin Sabeena   | CSA | IJSART                                                             | 2022 | 2395-1052                   | <a href="https://ijsart.com/Home/IssueDetail/56977">https://ijsart.com/Home/IssueDetail/56977</a>                                                                                                                                   |
| Cyber Security And Artificial Intelligence For Cloud-Based Internet of Transportation Systems                   | Dr.Jasmin Sabeena   | CSA | IJSART                                                             | 2022 | 2395-1052                   | <a href="https://ijsart.com/Home/IssueDetail/57007">https://ijsart.com/Home/IssueDetail/57007</a>                                                                                                                                   |
| Classification of health care products using hybrid CNN-LSTM model                                              | B. Ramakantha Reddy | CSA | Soft Computing                                                     | 2023 | 1433-7479                   | <a href="https://doi.org/10.1007/s00500-023-08279-6(0123456789().,-volV)(0123456789,-().volV)">https://doi.org/10.1007/s00500-023-08279-6(0123456789().,-volV)(0123456789,-().volV)</a>                                             |
| A Novel Deep Learning Model for Predicting Severity of the Disease using Covid-19 Long Non-Coding RNA Sequence. | Revathi Annem       | CSA | Jundishapur Journal of Microbiology                                | 2022 | 2008-4161                   | <a href="https://pesquisa.bvsalud.org/global-literature-on-novel-coronavirus-2019-ncov/resource/pt/covidwho-2125819">https://pesquisa.bvsalud.org/global-literature-on-novel-coronavirus-2019-ncov/resource/pt/covidwho-2125819</a> |

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| "An investigation of the behavioural factors that influence individual investment decisions"                                                                                   | Dr. S.Gautami             | MBA | Journal of Management and Entrepreneurship                             | 2023 | ISSN: 2229-5348, Vol. 17, No.3,2023 | <a href="https://iprsearch.ipindia.gov.in/PublicSearch/PublicationSearch/ApplicationStatus">https://iprsearch.ipindia.gov.in/PublicSearch/PublicationSearch/ApplicationStatus</a> |
| A study On factors influencing organic food producers and promotional strategies in Rayalaseema Region of A.P,                                                                 | S.Sreedevi                | MBA | Published in International Journal Of Applied Engineering & Technology | 2023 | Vol.6 No.1.Jan 2024,ISSN:2633-4828  | <a href="https://iprsearch.ipindia.gov.in/PublicSearch/PublicationSearch/ApplicationStatus">https://iprsearch.ipindia.gov.in/PublicSearch/PublicationSearch/ApplicationStatus</a> |
| "Framework analyzing the impact of artificial intelligence on human resource management using AMO Framework". Published and indexed by scopus listed journal IEEEExplore.org." | Dr.S.Kalesha Masthan Vali | MBA | IEEEExplore.org.                                                       | 2023 | 979-8—3503-4112-6                   | <a href="https://ieeexplore.ieee.org/abstract/document/10165698/">https://ieeexplore.ieee.org/abstract/document/10165698/</a>                                                     |