**Research papers published in the Journals notified on UGC care list**

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| 1 | AI-Driven High-Precision Model for Blockage Detection in Urban Wastewater Systems | Dr.Saniya Ansari | Electronics | **2023** | 2079-9292 | www.mdpi.com/journal/electronic | https://doi.org/10.3390/electronics12173606 |
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| 3 | Enhancing sugarcane disease classification with ensemble deep learning: A comparative study with transfer learning techniques | Dr. Sanjay Koli | Heliyon 9 e18261 | **2023** | e18261 | **doi.org/10.1016/j.heliyon.2023.e18261** | **doi.org/10.1016/j.heliyon.2023.e18261** |
| 4 | "FabDepth I: A Unique Dataset for Efficient Gesture Detection | Dr. Sanjay Koli | lume 15, pages 2645–2 | **2023** | 2645–2649 | https://doi.org/10.1007/s41870-02 | https://doi.org/10.1007/s41870-023-01295-7 |
| 5 | IOT based Manhole Detection and Monitoring System | Swati Khawate | IJRASET | 2023 | 2321-9653 | https://www.ijraset.com | https://www.ijraset.com/best-journal/iot-based-manhole-detection-and-monitoring-system |
| 6 | IOT based Manhole Detection and Monitoring System | Dr.Sharan.Inamdar | IJRASET | 2023 | 2321-9653 | https://www.ijraset.com | https://www.ijraset.com/best-journal/iot-based-manhole-detection-and-monitoring-system |
| 7 | Design Study of Smart Robotic Framework for Sewer Conservation | Dr.Saniya Ansari | IJETTJ | 2022 | 2231-5358 | https://ijettjournal.org/ | https://ijettjournal.org/archive/ijett-v70i8p226 |
| 8 | Effective and Efficient Approach for Gesture Detection in video through Monocular RGB Frames | Dr. Sanjay Koli | Springer | 2022 | 11042-022-14207 | https://link.springer.com/ | https://link.springer.com/article/10.1007/s11042-022-14207-x |
| 9 | DeepHands: Dynamic hand gesture detection with depth estimation and 3D reconstruction from monocular RGB | Dr. Sanjay Koli | Springer | 2022 | 47:247 | https://www.springer.com | https://link.springer.com/article/10.1007/s12046-022-02026-7 |
| 10 | IOT based wireless Imaging and Sensor node system for remote green house monitering | Dr.Sharan.Inamdar | IJRAR | 2022 | 2348-129 | www.ijrar.org | https://www.ijrar.org/papers/IJRAR22B2879.pdf |
| 11 | Survey Paper on comparison of Image Segmentation Algorithm Techniques | Dr.Sharan.Inamdar | IJIRT | 2022 | 2349-6002 | www.ijirt.org | https://ijirt.org/master/publishedpaper/IJIRT153675_PAPER.pdf |
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| 13 | Design and Implement an Automated Based Unauthorized Parking Detection | Prof. Riyaj Kazi | IJSERM | 2022 | 2582-3930 | www.ijsrem.com | https://ijsrem.com/download/design-and-implement-an-automated-based-unauthorized-parking-detection/ |
| 14 | Review of the State-of-the-art Sewer Monitoring and Maint | Dr.Saniya Ansari | TEMJ | 2021 | 2217-8309 | www.temjournal.com | https://www.temjournal.com/content/104/TEMJournal104 |
| 15 | An Assessment on Water Quality Monitoring Practices and | Dr.Saniya Ansari | IT in Industry | 2021 | 2203-1731 | http://it-in-industry.org | http://it-in-industry.org/index.php/itii/article/view/113 |
| 16 | Design & Development of Automated Solar Panel | Dr Saniya Ansari | IJAEMS | 2021 | 0886-9367 | https://www.irjmets.com/ | https://www.irjmets.com/uploadedfiles/paper//issue_8_aug |
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| 18 | Autonomous Vehicle for Polluted Water Quality | Saniya M. Ansari | SMA | 2021 | 0972-3641 | https://zenodo.org/ | https://zenodo.org/records/7997190 |
| 19 | Design Study of Smart Robotic Framework for Sewer | Dr. Saniya Ansari | IJETT | 2021 | 2231-5381 | https://ijettjournal.org/ | https://ijettjournal.org/archive/ijett-v70i8p226 |
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| 23 | Using Non-Linear combining Scheme PAPR Reduction | Dr.Sharan.Inamdar | STT | 2021 | 811-822 | olidstatetechnology.us/index.ph | http://solidstatetechnology.us/index.php/JSST/article/view/ |
| 24 | ARDUINO AND GSM BASED PREPAID ENERGY METER WITH THEFT ALERT | Kalpita Mane | IJCRT | 2021 | 2320-2882 | https://ijcrt.org | https://ijcrt.org/papers/IJCRT2203322.pdf |
| 25 | Fire Extinguisher Vehicle Using Android Application | Prof. Swati Khawate | IJIRSET | 2021 | 2319-8753 | www.jirset.com | 237_Imple_NC1.pdf (ijirset.com) |
| 26 | Voice Controlled Robotic Car using Arduino | Prof. Swati Khawate | IJSRSET | 2021 | 2394-4099 | https://ijsrset.com | https://ijsrset.com/IJSRSET122934 |
| 27 | IOT based Patient Health Monitoring system using | Kalpita Mane | IJIRT | 2020 | 2349-6002 | https://ijirt.org/ | https://ijirt.org/master/publishedpaper/IJIRT151631_PAPER.pdf |
| 28 | Sun Tracing Solar Panel in Two Axis Using Arduino And | Prof. Swati Khawate | IJARESM | 2020 | 2455-6211 | http://www.ijaresm.com | http://www.ijaresm.com |
| 29 | Automation of Home (IoT) using Raspberry Pi | Prajakta Khairnar | IJSRSET | 2019 | 2394-4099 | http://ijsrset.com | https://doi.org/10.32628/IJSRSET218335 |
| 30 | Automatic Grenade Launcher | Prajakta Khairnar | IJSRET | 2019 | 2394-4099 | www.ijsrset.com | https://ijsrset.com/paper/6431.pdf |
| 31 | Weather Prediction using Multiple IoT Based Wireless | Dr. Sanjay Koli | ACTA | 2019 | 2249-8958 | https://www.proquest.com/ | https://www.proquest.com/openview/07422b3554c0e30881 |
| 32 | Automatic Accident Detection Techniques using CCTV | Dr. Sanjay Koli | IJEAT | 2019 | 2249-8958 | https://www.ijeat.org/ | https://www.ijeat.org/portfolio-item/c6361029320/ |
| 33 | Surveillance Video Methods, Data Sets and Learning | Dr. Sanjay Koli | IJEAT | 2019 | 2249-8958 | https://www.ijeat.org/ | https://www.ijeat.org/wp- |
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| 37 | Smart City Base on IOT | Kalpita Mane | IJIRT | 2019 | 2349-6002 | http://ijirt.org | http://ijirt.org/master/publishedpaper/IJIRT146920_PAPER |
| 38 | Smart Door Lock System Using Face Recognition and | Dr.Saniya Ansari | IJARIIE | 2018 | 2395-4396 | https://ijariie.com | https://ijariie.com/AdminUploadPdf/Electric_Power_Gener |
| 39 | Electric Power generation using Solar & Wind | Prajakta Khairnar | IJSRSET | 2018 | 2395-1990 | http://ijsrset.com | https://adypsoe.in/naac2/cr-3/research_papers/439.pdf |
| 40 | IoT Based Water Quality Testing | Dr. Sanjay Koli | Springer | 2018 | 11277-011 | https://link.springer.com/ | https://link.springer.com/article/10.1007/s11277-019-06329 |
| 41 | Loss Differentiated Channel Aware Rate Adaption for | Kalpita Mane | JETIR | 2018 | 2349-5162 | https://www.jetir.org | https://www.jetir.org/certificatemanager.php?a_rid=207534 |
| 42 | CMOS, CPL, PTL, DVL, DCVSL CIRCUITS BASED ON CARBON NANOTUBES FOR LOW POWER | Prof. Bahubali Shirgapur | IJASRET | 2018 | 2321-9653 | http://www.ijasret.com/ | https://www.ijraset.com/fileserve.php?FID=13755 |
| 43 | A Review of Voice Based Personal Assistants | Prof. Bahubali | IJETA | 2018 | 2393-9516 | https://www.ijetajournal.org/ | https://www.ijetajournal.org/volume-5/issue-2/IJETA- |
| 44 | Statistical And Computational Analysis of Eye Images For | Prof Nishkant | IJETA | 2018 | 2393-9516 | https://www.ijetajournal.org/ | https://www.ijetajournal.org/volume-5/issue-2/IJETA- |
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