

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

SLNO	Name of the author	Title of the Publication
1	Dr. S.PRAKASHA	<ol style="list-style-type: none"><li>1. A research article title “ A Review on Brain Tumor Segmentation and Registration of MR Images”, published in the journal International Journal of Engineering Science and Computing (IJESC) with Vol. No. 11 Issue No. 02 Page No. 27674- 27682 Impact factor 2.24 and year of publication 2021 published by with DOI: ISSN : 2319-7242   DOI : 10.18535/ijecs</li><li>2. A research article title “Design Of Deep Learning Algorithm For Segmentation Of Brain Tumor Using Magnetic Resonance Images With Contrast Dye Injection”, published in the journal European Chemical Bulletin with Vol. No. 11 Issue No. 11 Page No. 665-672, Impact factor 3.71 and year of publication 2022 published by European Chemical Bulletin journal. DOI: 10.48047/ecb/2022.11.11.59</li><li>3. A research article title “Pre-operative &amp; Post Recurrence Brain Tumor MR Images Classification And Pixel Change Detection Using Fractional Hunter Prey Optimization (FHPO) &amp; Squeezenet Methods”, published in the journal ‘China Petroleum Processing and Petrochemical Technology’ with Vol. No. 23 Issue No. 02 Page No. 4193-4204, Impact factor 3.2 and year of publication December-2023.</li><li>4. A research article title “ Feature extraction of brain tumor MR Image by Local gradient patternandLocal Binary pattern”, published in the journal Journal of Medical science and Clinical Research (JMSCR) with Vol. No. 11 Issue No. 12 Page No. 118- 128 Science Journal Impact factor 6.84 and year of publication 2023 published by with DOI: ISSN: 2455-0450  DOI: <a href="https://dx.doi.org/10.18535/jmscr/v11i12.21">https://dx.doi.org/10.18535/jmscr/v11i12.21</a>.</li><li>5. A research article title “Performance evaluation of optimized Convolutional neural network mechanism in the detection and classification of ovarian cancer ”, published in the journal ‘Multimedia tools and Applications’ published on 07 February 2024, Impact factor 3.6 with DOI: <a href="https://doi.org/10.1007/s11042-024-18115-0">https://doi.org/10.1007/s11042-024-18115-0</a></li><li>6. A conference paper with title “Segmentation of Brain Tumor and Challenges Facing During Registration of Brain Tumor in Magnetic Resonance Images” 2023 International Conference on Distributed Computing and Electrical Circuits and Electronics (ICDCECE).</li></ol>



2	Dr. SINDHU R	<ol style="list-style-type: none"><li>1. “A Novel Image Compression Method Based on Energy Compaction for Reconstruction of Image” Journal of Tianjin University Science and Technology ISSN (Online): 0493-2137 E-Publication: Online Open Access Vol:55 Issue:05:2022 DOI 10.17605/OSF.IO/V5YQS.</li><li>2. “Design of 16x16 Vedic multiplier for fast DCT computation using 45nm Technology” NeuroQuantology  December 2022   Volume 20   Issue 20   Page239-244  DOI: 10.48047/NQ.2022.20.20.NQ109026</li><li>3. CONSIDERATIONS - LED DIE ATTACH TECHNOLOGIES International Journal of Scientific Development and Research (IJSDR) Vol 6, ISSUSE 1, January 2021 ISSN: 2455-2631 IJSDR2101029</li><li>4. International Conference presentation &amp; published journal on “Alleviation of Voltage drop and Swell in the Distribution Grid Using Ultracapacitor Based Dynamic Voltage Restorer” on 26th -27th April 2019.</li></ol>
3	Prof.FIRDOSH PARVEEN	<ol style="list-style-type: none"><li>1. “Wireless Power Transmission on Tesla Principle” IJARST, volume 11,Issue V,May 2023</li><li>2. “Farmer Friendly Solar Electric Fence” IJARST, volume 2,July 2022</li><li>3. “IOT based Smart Ambulance Monitoring System with Traffic LightControl” in IJARST,Volume2,July 2022</li><li>4. UGC Care journal presentation &amp; published journal on “Solar Energy based Judicious Concept for Umbrella” on 13th &amp; 14th August 2020 in continuity,consistency &amp; innovation in applied science &amp; humanities conducted at St. Martin’s Engineering College.</li><li>5. CONSIDERATIONS - LED DIE ATTACH TECHNOLOGIES International Journal of Scientific Development and Research (IJSDR) Vol 6, ISSUSE 1, January 2021 ISSN: 2455-2631 IJSDR2101029</li></ol>
4	Prof. MADHVARAJ K	<ol style="list-style-type: none"><li>1. “Installation of Stroboscopic Free Fluorescent Lamps for Electrical Machines Laboratory” International Journal for Research in Applied Science &amp; Engineering Technology. Volume 10 Issue IX Sep<b>2022</b>. ISSN: 2321-9653</li><li>2. “Study and implementation of automation in Corex plant” has published in an International Journal for Research in Applied Science &amp; Engineering Technology (IJRASET17546) ISSN: 231-9653 Vol 6,Issue V, May 2018.</li></ol>



5	Prof. SUMA G.C	<ol style="list-style-type: none"><li>1. UGC Care journal presentation &amp; published journal on “Solar Energy based Judicious Concept for Umbrella” on 13th &amp; 14th August 2020 in continuity, consistency &amp; innovation in applied science &amp; humanities conducted at St. Martin’s Engineering College.</li><li>2. FPGA Interpolators With Reconfigurable and Multifrequency Approximate Computing using HEVC Fractional Pixel International Journal of Science &amp; Research (IJSR) Vol 7, Issue 5, May 2018, Paper ID ART20182184, ISSN(Online): 2319-7064</li><li>3. Design and fabrication of Solar Powered Waste management system International Journal on recent and innovation trends in computing and communication (IJRITCC) Vol 6, Issue 5, May 2018, ISSN (online):2321-8169 with IF: 5.837</li><li>4. A study of progressive development’s on black hole International Journal for research &amp; development in technology(IJRDT) Vol 11, Issue 5, May 2019,ISSN(Online):2349- 3585</li><li>5. Smart Substation Automation System using IOT Journal of Emerging Technologies and Innovative Research (JETIR) Vol 8,ISSUE 7, July 2021 ISSN-2349-5162 JETIR2107446</li><li>6. Design &amp; fabrication of EV by using lithium-ion battery fed to PMDC motor &amp; A comparative study International research journal of management science and technology(IRJMST) Volume 14, Issue 2, February 2023, ISSN-2250-1959(0)2348- 9367(P) UGC ID:47959</li><li>7. CONSIDERATIONS - LED DIE ATTACH TECHNOLOGIES International Journal of Scientific Development and Research (IJSR) Vol 6, ISSUSE 1, January 2021 ISSN: 2455-2631 IJSR2101029</li></ol>
6	Prof. VIDHYA B	<ol style="list-style-type: none"><li>1. UGC Care journal presentation &amp; published journal on “Solar Energy based Judicious Concept for Umbrella” on 13th &amp; 14th August 2020 in continuity, consistency &amp; innovation in applied science &amp; humanities conducted at St. Martin’s Engineering College.</li><li>2. CONSIDERATIONS - LED DIE ATTACH TECHNOLOGIES International Journal of Scientific Development and Research (IJSR) Vol 6, ISSUSE 1, January 2021 ISSN: 2455-2631 IJSR2101029</li><li>3. International Conference presentation &amp; published journal on “Alleviation of Voltage drop and Swell in the Distribution Grid Using Ultracapacitor Based Dynamic Voltage Restorer” on 26th -27th April 2019.</li></ol>