



Journal Publications - 2023

- ✚ **Thirunavukkarasu Sivaraman** - Bcl-2 Family Proteins in Therapeutic Arena for Cancers, **Current Protein and Peptide Science** (ISSN: 1389-2037), 24(10), 781-782, **2023**.
- ✚ **V.P. Gunasekaran, Thirunavukkarasu Sivaraman & M. Ganeshan** - Apoptotic Switch in Cancer Stem Cells: A Potential Approach for Cancer Treatment, **Current Protein and Peptide Science** (ISSN: 1389-2037), 24(10), 843-852, **2023**.
- ✚ **A. ArunKumar, T. Chandrasekaran, M. Vinoth, S. Karmegam & K. Riaz Ahamed** - Preparation, Characterization using Vitex negundo Stem plant absorbents, **Inter.J.Bio.Pharm.Allied.Sci.** (ISSN: 2277-4998, vol.12(2), pp (592-601), **2023**.
- ✚ **A. ArunKumar, T. Chandrasekaran, M. Vinoth & K. Riaz Ahamed** - Removal of lead(II) ions from industrial wastewater by activated carbon prepared from Vitex negundo using batch adsorption studies, **Inter.J.Chem.Tech.** (ISSN:0975-0991), 30(3), 392-397, **2023**.
- ✚ **Thangaraj Ayyasamy, Sivaraj Nirmala & Ayyavoo Saravanakumar** - SAR optimization and Convolutional Neural Network based fault estimations and for auto-landing control model, **International Journal of Robotics and Autonomous Systems**, 166, 104409, **2023**.
- ✚ **R. Gopi** - Intelligent Intrusion Detection System for Industrial Internet of Things Environment, **Computer Systems Science and Engineering**, 44(2), **2023**.

- ✚ **R. Gopi** - Hybrid firefly with differential evolution algorithm for multi agents system using clustering based personalization, Journal of Ambient Intelligence and Humanized Computing, 14(1), **2023**.
- ✚ **R. Gopi** - Enhanced Plant Leaf Disease Detection using Deep Learning Techniques, IJSREM (ISSN: 2582-3930), 7(5), **2023**.
- ✚ **R. Gopi** - Automatic Medical Image Diagnosis for Brain Tumor Detection by using AI techniques, IJARST (ISSN: 2581-9429), 3(4), **2023**.
- ✚ **V. Gokulakrishnan** - Prediction of Disease from Blood Microscopic Analysis Classification using Deep Learning Algorithm, IJARST (ISSN: 2581-9429), 2(7), **2023**.
- ✚ **V. Gokulakrishnan** - Estimation of Carbon Footprint for Home and Industry using Machine Learning, IJARST (ISSN: 2581-9429), 3(4), **2023**.
- ✚ **V. Gokulakrishnan** - End to End Driving Assistant System using Proximal Policy Optimization, IJARST (ISSN: 2581-9429), 3(4), **2023**.
- ✚ **V. Gokulakrishnan** - Prediction of Air Pollution Using Machine Learning, IJSREM (ISSN: 2582-3930), 7(5), **2023**.
- ✚ **T. Geetha** - Prediction of Air Pollution Using Machine Learning, IJARST (ISSN: 2581-9429), 3(3), **2023**.
- ✚ **T. Geetha** - Detecting the Cyber Attacks for Distributed Systems Using Machine Learning Algorithms, IJSREM (ISSN: 2582-3930), 7(5), **2023**.
- ✚ **T. Geetha** - Verifiable Secret Sharing Scheme Using Deep Learning Framework In Cloud Environment, IJARST (ISSN: 2581-9429), 3(3), **2023**.
- ✚ **S. R. Sowmiya** - Prediction of Air Pollution Using Machine Learning, IJSREM (ISSN: 2582-3930), 7(5), **2023**.

- ✚ **S. Chinnadurai** - Enhanced Method to Predict Machine Life Using Deep Learning, IJARST (ISSN: 2581-9429), 3(3), **2023**.
- ✚ **R. Aarthy** - Currency Recognition for Visually Impairment People using Deep Learning Algorithm, IJARST (ISSN: 2581-9429), 3(3), **2023**.
- ✚ **R. Aarthy** - An Enhanced Algorithm for Detection of Intruders using Deep Learning, IJARST (ISSN: 2581-9429), 3(5), **2023**.
- ✚ **R. Aarthy** - Enhanced Plant Leaf Disease Detection using Deep Learning Techniques, IJSREM (ISSN: 2582-3930), 7(5), **2023**.
- ✚ **R. Aarthy** - Covid-19 Prediction from Chest X-Ray and CT scan Using Deep Learning Methods, IJSREM (ISSN: 2582-3930), 7(5), **2023**.
- ✚ **R. Arunapriya** - Student Feedback System using Flash, IJARST (ISSN: 2581-9429), 3(2), **2023**.
- ✚ **S. Francis Shamili** - Privacy Preserving Voting Scheme Based on Blockchain Technology, IJARST (ISSN: 2581-9429), 3(1), **2023**.
- ✚ **S. Francis Shamili** - Smart Biomedical Healthcare Service Using IOT Technology, IJSREM (ISSN: 2455-6211), 11(4), **2023**.
- ✚ **K. Aswin** - Securing Federated Learning Based on Blockchain Technology, IJARST (ISSN: 2581-9429), 3(1), **2023**.
- ✚ **P. Rajeswari** - IOT based monitoring system of life saving drug's infusion, International journal of innovative research in Engineering (ISSN: 2582-8746), 4(3), **2023**.
- ✚ **P. Rajeswari** - IOT based battery monitoring system in electric vehicle, International Journal of Innovative Research in Engineering (ISSN: 2582-8746), 4(3), **2023**.
- ✚ **C. Sathishkumar** - Vehicle to light communication design using An efficient Learning model in International Journal of Physical

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- ✚ **C. Sathishkumar** - IOT based human body communication using wearable biometric authentication in International Journal of Science & Engineering Development Research (ISSN: 2455-2631), 8(4), **2023**.
- ✚ **C. Sathishkumar** - Vehicle to vehicle communication using Li-fi technology in International Journal of Science & Engineering Development Research (ISSN: 2455-2631), 8(4), **2023**.
- ✚ **M. Rekha** - Efficient River Water Quality Monitoring System Through IOT Platform, International Journal of Science & Engineering Development Research (ISSN: 2455-2631), 8(4), **2023**.
- ✚ **T. Boopathy** - IOT based monitoring system of life saving drug's infusion, International Journal of Innovative Research in Engineering (ISSN: 2582-8746), 4(3), **2023**.
- ✚ **T. Boopathy** - IOT based battery monitoring system in electric vehicle, International Journal of Innovative Research in Engineering (ISSN: 2582-8746), 4(3), **2023**.
- ✚ **T. Boopathy** - IOT based fault detection of underground cables through node MCU modules, International Journal of Science & Engineering Development Research (ISSN: 2455-2631), 8(4), **2023**.
- ✚ **T. Boopathy** - IOT development of Bluetooth based smart home security system and home automation, International Journal of Science & Engineering Development Research (ISSN: 2455-2631), 8(4), **2023**.
- ✚ **N. Khadar Basha** - Cooler jacket for hot weather in International journal for research& development in technology, International Journal of

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✚ **S. Sasikala** - Hands Gesture Assistance System for Disable/Dumb people using IOT, International Journal of Advanced Research in Innovative Discoveries in Engineering and applications (ISSN: 2582-8746), 8(3), 2023.

✚ **S. Sasikala** - Wireless sensor network application for IOT based healthcare system, International Journal of Science and Engineering Development Research (ISSN: 2455-2631), 8(5), 2023.

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✚ **R. Gayathri** - VLSI design of approximate baugh-wooley multiplier for image edge computing in International Journal of Advanced Research, Science, Communication and Technology (ISSN: 2581-9429), 3(8), 2023.

✚ **M. Saritha** - VLSI implementation of AES algorithm in cryptography developed in XILINX, International Journal of Advanced Research in Science, Communication and Technology (ISSN: 2581-9429), 3(8), 2023.

✚ **B. Sujitha** - Implementation of Intelligent Navigation System for Shopping using Smart Robots in International Journal of Advanced

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✚ **M. Noorjahan** - Metamaterial inspired antenna for LTE, BLUETOOTH & WIMAX Systems with dual band capability, International Journal of Engineering Technology & Management Sciences (ISSN: 2581-4621), 7(6), **2023**.

✚ **M. Parameswari** - Smart Energy Storage System using Zero Export Inverter, International Journal of Computational Research and Development (ISSN: 2456-3137), 8(1), **2023**.

✚ **N. Arunkumar** - Dual Flyback Converter Electric Vehicle Charging Applications in International Journal on Applications in Electrical and Electronics Engineering (ISSN: 2395-3527), 9(3), **2023**.

✚ **S. Krishnaveni** - Evaluation of Nutritional Composition in Health Mix Developed from Almond and Kuthiraivali, Asian Journal of Innovative Research, 7(2), 1-7, **2023**.

✚ **M. Venkatesan, K. Ashaya, J. Arunprasad & R. Thirugnanasambantham** - Experimental study on the mechanical behaviour of natural fibers reinforced with epoxy-based hybrid composite, Materials Today: Proceedings, **2023**.

✚ **S. Anbu, P. Kalidoss, K. Elangovan & P. Arunkumar** - Comparative studies on thermal performance of spiraled rod inserts in laminar flow with nanofluids in International Journal of Ambient Energy, 44(1), 2214–2228. **2023**.

✚ **I. Dinaharan, S. Karpagarajan, R. Palanivel & S. Vigneshwaran** - Silicon carbide particulate reinforced dual phase brass composites with improved wear resistance prepared via friction stir processing, Advances in Materials and Processing Technologies, 1–11, **2023**.

- ✚ **S. Karpagarajan, C. Balamurugan, S. Vigneshwaran & E.I.A. Aziz** - Effect of volume fraction on microstructure and wear behaviour of dual-phase brass/W surface composites fabricated via friction stir processing in Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications, 237(7), 1562–1574, **2023**.
- ✚ **Vijay Manoharan, Sekar Tamilperuvalathan** - Experimental investigation and prediction of ECDM parameters on fibre reinforced SiC composite using hybrid ERNN-based Sparrow Search Optimization, Materials Today Communications, 36, pp. 106777, **2023**.