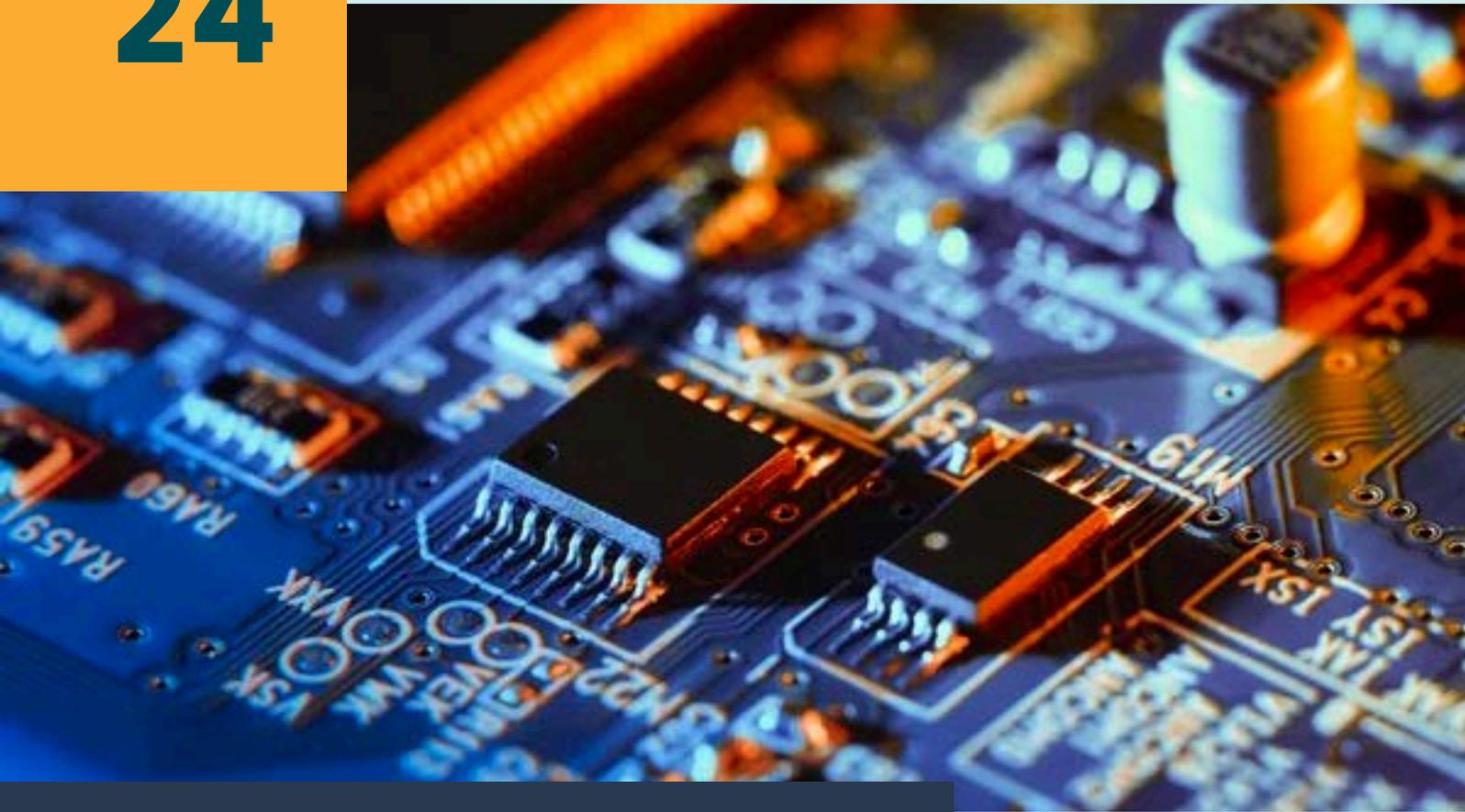


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**VIT**<sup>®</sup>  
Vellore Institute of Technology  
(Deemed to be University under section 3 of UGC Act, 1956)

**SCHOOL OF ELECTRONICS ENGINEERING**



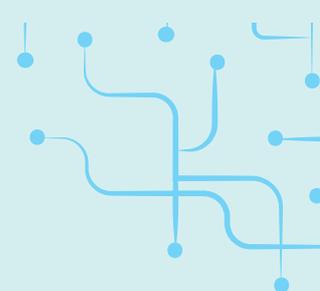
Tech-Tronics

# TRIBUNE

E-NEWSLETTER:

Volume 5 Issue 1

Jan - Mar ' 24



## VISION

To be a leader in imparting in-depth and futuristic knowledge of electronics engineering and allied domains that cater to the needs of industry, research, and society.

## HIGHLIGHTS

- **Vision & Mission**
- **Dean's Message**
- **Faculty Achievements**
- **Events Organized**
- **Selected Publications**
- **Sponsored Research**
- **Consultancy Projects**
- **Editorial Committee**



## MISSION

- To create and maintain an environment of excellence in teaching, learning, and applied research in electronics engineering and associated disciplines to pioneer sustainable growth.
- To equip students with the necessary knowledge and skills enabling them to be lifelong learners in solving real-life problems, thereby improving the quality of human life and values.

## DEAN'S MESSAGE

### Message from SENSE Dean

Dear VITians,

I trust this message finds you in good health and high spirits. Today, I am delighted to bring you important updates and announcements concerning our esteemed institution's School of Electronics Engineering.

In light of the ever-evolving landscape of electronics engineering, we have embarked on a thorough review of our curriculum. Our goal is to ensure that our programs remain at the forefront of technological advancements, equipping our students with the skills and knowledge essential for success in the industry. Anticipate exciting changes in our course offerings, upgraded laboratory facilities, and enriched project-based learning opportunities.

In our commitment to fostering innovation and facilitating groundbreaking research, we have actively pursued collaborations with industry partners and secured additional funding for research projects. These efforts will provide our faculty and students with expanded opportunities to delve into cutting-edge technologies, engage in multidisciplinary research endeavors, and contribute to addressing real-world challenges.

To bridge the gap between academia and industry, we are proactively establishing partnerships and collaborations with leading technology companies. These collaborations will enable our students to gain practical insights through internships, industrial training programs, and guest lectures from industry experts. We firmly believe that these interactions will enhance your professional growth and help you establish valuable industry connections.

I am thrilled to present the 5th Volume, 1st Issue of our ENewsletter, "Tech-Tronics Tribune," by the School of Electronics Engineering (SENSE) for the first quarter of 2024. This edition showcases the well-deserved honors and recognitions bestowed upon both faculty and students within the SENSE family for the period of January to March 2024. I extend my heartfelt gratitude to all members of the SENSE family for their unwavering support and contributions that have made this newsletter possible. Your continued support is deeply appreciated, and we eagerly anticipate realizing the institute's mission and vision.

Thank you, and we look forward to an exciting journey ahead.



**Dr. Sivanantham S.**  
Professor & Dean  
School of Electronics Engineering  
Vellore Institute of Technology, Vellore  
dean.sense@vit.ac.in

FACULTY

# ACHIEVEMENTS

## Guest Lectures Delivered

- Dr. Ravi S delivered a lecture titled “Hands on VLSI Using LT SPICE Tools” at Thanthai Periyar Govt Institute of Technology, Vellore, India, on March 21, 2024.
- Dr. Sandeep Moparthi delivered an invited technical talk on “MOSFET Engineering for the Optimization of Off-State Leakage Current” at RV College of Engineering, Bengaluru, India, on March 14, 2024.
- Dr. Naveen Mishra delivered a lecture titled “Design and Security of AI-enabled Hardware for Social Innovation” at ABV IITM Gwalior India, Gwalior, India, on March 14, 2024.
- Dr. Sharmila N delivered a lecture titled “Quality Pitch Deck for Start-Up” at VIT, Vellore, India, on March 6, 2024.
- Dr. Abhijit Bhowmick delivered a lecture titled “5G and Beyond Wireless Networks: Current Trends” at SR University, Hyderabad, India, on March 1, 2024.
- Dr. Vijendra Babu V delivered a lecture titled “Emerging Opportunities in Semiconductor Sector” at Vel Tech Rangarajan Dr. Sagunthala R and D Institute of Science and Technology, Chennai, India, on February 28, 2024.
- Dr. Ravi S delivered a lecture at the National Level Technical Symposium at Thanthai Periyar Govt Institute of Technology, Vellore, India, on February 28, 2024.
- Dr. Vijendra Babu V delivered a lecture titled “Digital Therapeutics: Transforming the Future of Healthcare” at K C G College of Technology, Chennai, India, on February 24, 2024.
- Dr. Rajeev Pankaj Nelapati delivered a technical session at VIT, Vellore, India, on February 22, 2024.
- Dr. Somasundaram D delivered a lecture titled “Artificial Intelligence in Image Processing” at SR University, Warangal, India, on February 21, 2024.

FACULTY

# ACHIEVEMENTS

## Guest Lectures Delivered

- Dr. Arun Dev Dhar Dwivedi delivered a lecture titled “Nano-Electronics” at S K I T Jaipur, Jaipur, India, on February 16, 2024.
- Dr. Sasikumar P delivered a lecture titled “Blockchain for Electrical Engineering” at SSN College of Engineering, Chennai, India, on February 13, 2024.
- Dr. Anand Singh delivered a lecture titled “Employing Visible Light (VL) for 6th Generation (6G): Communication and Positioning” at Baderia Global Institute of Engineering and Management, Jabalpur, Madhya Pradesh, Jabalpur, India, on February 6, 2024.
- Dr. Valarmathi J delivered a lecture titled “Research on Millimeter Wave Radar & Its Applications” at The Institution of Electronics and Telecommunication Engineers (IETE Chennai Centre), Chennai, India, on February 2, 2024.
- Dr. Vikas Vijayvargiya delivered a lecture titled “Strategies for Success: Impactful Research and Writing Essentials” at IPS Academy Institute of Engineering and Science Indore, Indore, India, on February 1, 2024.
- Dr. Vinoth Babu K delivered a lecture titled “Small Cell Technology for 5G and Beyond” at Vellore Institute of Technology, Vellore, India, on January 30, 2024.
- Dr. Somasundaram D delivered a five-day short-term course on “Sensors and Its Applications in Engineering” at Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore, India, on January 29, 2024.
- Dr. Sri Adibhatla Sridevi delivered a lecture titled “Low Power VLSI Circuits” at Madanapalle Institute of Technology, Madanapalle, India, on January 24, 2024.
- Dr. Rajeev Pankaj Nelapati delivered a lecture titled “Transform Your Classroom Teaching” at Sri Eshwar College of Engineering, Coimbatore, India, on January 23, 2024.
- Dr. Arunkumar Chandrasekhar delivered a lecture titled “Advancing Sustainable Energy Landscapes: Exploring the Impact of Triboelectric Nanogenerators” at Catholicate College, Pathanamtitta, India, on January 22, 2024.

FACULTY

# ACHIEVEMENTS

## Guest Lectures Delivered

- Dr. Vinoth Babu K delivered a lecture at InoVIT - 2024 - Annual Science Event at Vellore Institute of Technology, Vellore, India, on January 20, 2024.
- Dr. Vetriveeran Rajamani delivered a lecture titled “Next-Generation Radio Communication Technologies (NGRCT-3.0)” at Vellore Institute of Technology, Vellore, India, on January 20, 2024.
- Dr. Vinoth Babu K delivered a lecture titled “NOMA for Massive Connectivity” at Vellore Institute of Technology, Vellore, India, on January 20, 2024.
- Dr. Arunkumar Chandrasekhar delivered a lecture titled “Waste to Wattage: Exploring Triboelectric Nanogenerators with Recycled Polymers for Biomechanical Energy Harvesting” at MG University, Kerala, Kottayam, India, on January 12, 2024.
- Dr. Arunkumar Chandrasekhar delivered a lecture titled “Electrospinning and Synthesis” at MG University, Kottayam, India, on January 12, 2024.
- Dr. Kathirvelan J delivered a lecture titled “Flexible Electronics and Wearable Devices” at Sri Shanmugha College of Engineering and Technology, Salem, India, on January 11, 2024.
- Dr. Jaffino delivered a lecture at the International Conference on Advances in Electrical, Computing, Communications and Sustainable Technologies (ICAECT 2024) at Shri Shankaracharya Technical Campus, Bhilai, India, on January 11, 2024.
- Dr. Prayline Rajabai C delivered a lecture titled “TCL Scripting for Electronic Design Automation” at Vellore Institute of Technology, Vellore, India, on January 8, 2024.
- Dr. Vikas Vijayvargiya delivered a lecture titled “Design and Simulation of Next-Generation Semiconductor Devices and Its Application for Bio-Sensing” at IPS Academy Institute of Engineering and Science Indore, Indore, India, on January 2, 2024.

## FACULTY

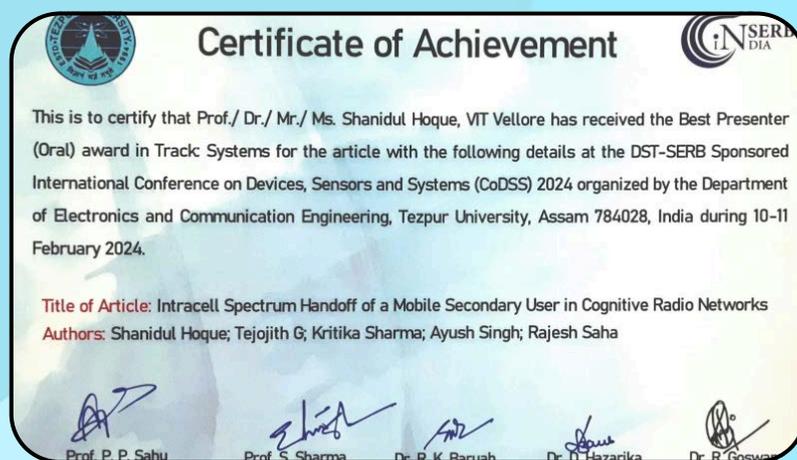
## ACHIEVEMENTS

## Honours and Awards

- Dr. Rajesh Kumar M received the Raman Research Award from Vellore Institute of Technology, Vellore, India, on February 20, 2024.



- Dr. Shanidul Hoque received the Best Presenter Award in Track: System at the DST-SERB Sponsored International Conference on Devices, Sensors and Systems (CoDSS) 2024 from Tezpur University on February 10, 2024.



- Dr. Valarmathi J received the Certification of Appreciation for Samsung Prism Project from Samsung on January 31, 2024.

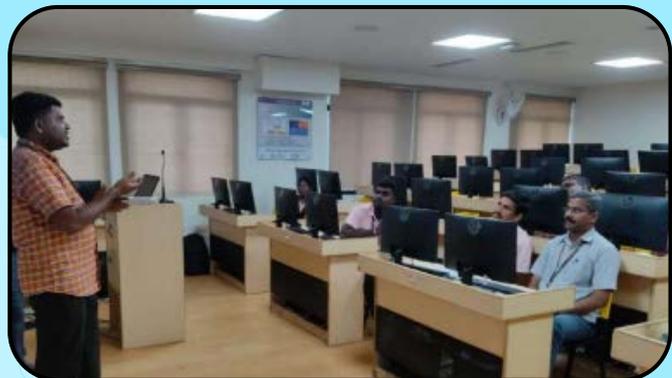


# EVENTS

## Events Organized

The School of Electronics Engineering at VIT has been busy hosting a variety of events that encompass workshops, training programs, seminars, and more. These events are not only enriching for our students and faculty but also contribute to the growth of knowledge and expertise in the field of electronics.

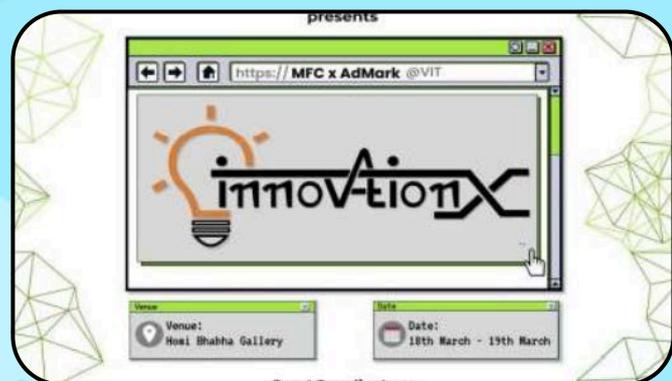
- Research in Aalto University, Finland was organized on February 6, 2024, coordinated by Elizabeth Rufus and Kathirvelan J (Alumni Lectures).
- Quality Pitch Deck for Startups was organized on March 6, 2024, coordinated by Konguvel Elango, Mythili A, and Boopalan G (IQAC Events).
- Enhancing the Quality of Education in the Contemporary Times was organized on March 5, 2024, coordinated by Konguvel Elango, Mythili A, and Boopalan G (IQAC Events).
- Unlocking Your Inner Genius: Harnessing Creativity and Intellectual Curiosity was organized on March 5, 2024, coordinated by Konguvel Elango, Mythili A, and Boopalan G (IQAC Events).
- Competence Management in Testing & Calibration Laboratories was organized on March 4, 2024, coordinated by Konguvel Elango, Mythili A, and Boopalan G (IQAC Events).
- Space on Wheels was organized on January 12, 2024, coordinated by Dr. Muthu Raja S and Dr. Dhanabal R (Outreach Activity).
- System Verilog for Verification was organized from March 16, 2024, to March 17, 2024, coordinated by Dr. Jagannadha Naidu K and Dr. Prayline Rajabai C (Seminar).
- Live Streaming of Hon'ble Prime Minister Speech on the YouTube Channel @NarendraModi on India's Techade - Chips for Viksit Bharat was organized on March 13, 2024, coordinated by Dr. Naiju C D, Dr. Sankar Ganesh S, and Dr. Senthil Kumar M (Seminar).
- Major Reforms in Accreditation Process was organized on March 4, 2024, coordinated by Dr. Renuga Devi S (Seminar).
- Recent Advancements in Zinc Ion Batteries was organized on January 8, 2024, coordinated by Dr. Kathirvelan J and Dr. Arunprasad M (Seminar).



# EVENTS

## Events Organized

- Yantra Hackathon was organized from March 18, 2024, to March 24, 2024, coordinated by Dr. Naiju C D, Dr. Aarthi S.L, and Dr. Sharmila N (Thons).
- Yantra Hackathon was organized from March 18, 2024, to March 24, 2024, coordinated by Dr. Naiju C D, Dr. Sankar Ganesh S, and Dr. Sujatha R (Thons).
- Special Skill Development Outreach Event for School Students was organized on March 8, 2024, coordinated by Dr. Naiju C D, Dr. Sankar Ganesh S, and Dr. Senthil Kumar M (Training Programme).
- JMP Pro 17 - Statistical Data Analysis Tool was organized from March 14, 2024, to March 16, 2024, coordinated by Dr. Sasikumar P and Dr. Arulmozhivarman P (Workshop).
- One-Day Workshop on Data Analysis in Python Using Statcraft Software was organized on March 6, 2024, coordinated by Dr. Sasikumar P and Dr. Arulmozhivarman P (Workshop).
- Data Validation and Verification in IQAC Portal was organized on February 13, 2024, coordinated by Dr. Renuga Devi S (Workshop).
- AI, Machine Learning, and Deep Learning was organized on February 10, 2024, coordinated by Dr. Venugopal P and Dr. Venkata Ravi Kumar C (Workshop).
- Skill Development Program was organized from January 12, 2024, to March 29, 2024, coordinated by Dr. Rajesh Kumar M and Dr. Prakash R (Workshop).



## TOP PUBLICATIONS (IF)

- Emerging trends of 3D architectonic MXene-based flexible pressure sensors as multimodal medical devices, Pitcheri R.; Chittibabu S.K.; Sangaraju S.; Jarsangi B.; Al-Asbahi B.A.; Minnam Reddy V.R.; Kim W.K., Coordination Chemistry Reviews, Vol:499, DOI: 10.1016/j.ccr.2023.215527, IF = 20.3.
- Smart maracas: An innovative triboelectric nanogenerator for earthquake detection and energy harvesting, Chandrasekhar A., Basith S.A., Vivekananthan V., Khandelwal G., Joseph Raj N.P.M., Purusothaman Y., Kim S.J., Nano Energy, Vol:123, DOI: 10.1016/j.nanoen.2024.109379, IF = 16.8.
- Flexible and rigid spinel ferrite carbonaceous composite as a future of tunable absorption dominant cmWave shielding materials, Khade V., Thirumalasetty A.B., Rathod A.A., Chaoukiker Y.K., Wuppulluri M., Journal of Materials Chemistry A, DOI: 10.1039/d3ta07624e, IF = 10.7.
- Dialectic Feature-based Fuzzy Graph Learning for Label Propagation Assisting Text Classification, Madhu C.; S S.M., IEEE Transactions on Fuzzy Systems, Pg.No:(1-15), DOI: 10.1109/TFUZZ.2024.3421595, IF = 10.7.
- An Interpretable Fuzzy Graph Learning for Label Propagation Assisting Data Classification, Madhu C., Sudhakar M.S., IEEE Transactions on Fuzzy Systems, Vol:32, Issue: 3, Pg.No:(1331-1345), DOI: 10.1109/TFUZZ.2023.3323093, IF = 10.7.
- Double transition-metal MXenes: Classification, properties, machine learning, artificial intelligence, and energy storage applications, Hussain I., Sajjad U., Kewate O.J., Amara U., Bibi F., Hanan A., Potphode D., Ahmad M., Javed M.S., Rosaiah P., Hussain S., Khan K., Ajmal Z., Punniyakoti S., Alarfaji S.S., Kang J.-H., Al Zoubi W., Sahoo S., Zhang K., Materials Today Physics, Vol:42, DOI: 10.1016/j.mtphys.2024.101382, IF = 10.
- Analysis and multi-objective evolutionary optimization of Solar-Biogas hybrid system operated cascade Kalina organic Rankine cycle for sustainable cooling and green hydrogen production, Madhesh K., Devesh D.R., Vivin T., Praveen Raj M., Phelan P.E., Vignesh Kumar V., Praveen Kumar G., Energy Conversion and Management, Vol:301, DOI: 10.1016/j.enconman.2023.117999, IF = 9.9.
- Machine Learning and Computer Vision Based Methods for Cancer Classification: A Systematic Review, Mukadam S.B., Patil H.Y., Archives of Computational Methods in Engineering, DOI: 10.1007/s11831-024-10065-y, IF = 9.7.
- Nb-based MXenes: Structures, properties, synthesis, and application towards supercapacitors, Kewate O.J.; Hussain I.; Tyagi N.; Saxena S.; Zhang K.; Rajamansingh E.G.; Chinnappan N.; Joshi H.; Punniyakoti S., Journal of Energy Storage, Vol:94, DOI: 10.1016/j.est.2024.112445, IF = 8.9.

## TOP PUBLICATIONS (IF)

- A Novel Mechano-Synthesized Zeolitic Tetrazolate Framework for a High-Performance Triboelectric Nanogenerator and Self-Powered Selective Neurochemical Detection, Sarfudeen S., Nitha P.K., Basith S.A., Varghese M., Jhariat P., Chandrasekhar A., Panda T., ACS Applied Materials and Interfaces, Vol:16, Issue: 19, Pg.No:(24851-24862), DOI: 10.1021/acsami.4c00454, IF = 8.3.
- Fiber Optic Sensor Coated with Multiple Layers of Hexagonal Boron Nitride Nanosheets (BNNS) for the Detection of Volatile Organic Compounds, Jamila R.M.; Narasimman S.; Prasanth A.; Muthukumar M.; Alex Z.C.; Anand G.T., ACS Applied Materials and Interfaces, Vol:16, Issue: 27, Pg.No:(35525-35540), DOI: 10.1021/acsami.4c05230, IF = 8.3.
- Ni-Ti<sub>3</sub>C<sub>2</sub> MXene composite derived from Ni-metal organic framework for electrochemical hydrogen evolution reaction in acidic and alkaline medium, Gothandapani K.; Tamil Selvi G.; Sofia Jennifer R.; Velmurugan V.; Pandiaraj S.; Muthuramamoorthy M.; Pitchaimuthu S.; Raghavan V.; Josephine Malathi A.C.; Alodhayb A.; Nirmala Grace A., International Journal of Hydrogen Energy, DOI: 10.1016/j.ijhydene.2023.10.022, IF = 8.1.
- Release kinetic study of microplastics from N95 face masks and consequent effects on freshwater alga *Scenedesmus obliquus*, Das S.; M R S.; Jeeva J.B.; Mukherjee A., Chemosphere, Vol:363, DOI: 10.1016/j.chemosphere.2024.142851, IF = 8.1.
- Nickel nanoparticles supported on carbon surface as an electrocatalyst for hydrogen evolution reaction, Gothandapani K.; Jeniffer R.S.; Tamil Selvi G.; Velmurugan V.; Assaifan A.K.; Alzahrani K.E.; Albrithen H.; Muthuramamoorthy M.; Pandiaraj S.; Pitchaimuthu S.; Alodhayb A.N.; Grace A.N., International Journal of Hydrogen Energy, DOI: 10.1016/j.ijhydene.2023.08.027, IF = 8.1.
- An efficient deep learning network with orthogonal softmax layer for automatic detection of tuberculosis, Das P.K., Sreevatsav S., Abraham A., Engineering Applications of Artificial Intelligence, Vol:133, DOI: 10.1016/j.engappai.2024.108116, IF = 7.5.
- Optimal placement of fixed hub height wind turbines in a wind farm using twin archive guided decomposition based multi-objective evolutionary algorithm, Raju M S.S., Mohapatra P., Dutta S., Mallipeddi R., Das K.N., Engineering Applications of Artificial Intelligence, Vol:130, DOI: 10.1016/j.engappai.2023.107735, IF = 7.5.
- A novel self-adaptive multi-population quadratic approximation guided jaya for solving real-parameter constrained optimization problems, Das R.; Nath Das K.; Mallik S.; Das S.; Laskar N.M.; Nath S., Expert Systems with Applications, Vol:238, DOI: 10.1016/j.eswa.2023.121898, IF = 7.5.

## TOP PUBLICATIONS (IF)

- Fabricating NiCoFe<sub>2</sub>O<sub>4</sub> decorated PANI nanostructures for high-performance electrochemical detection of 3-Nitro-L-tyrosine biomarkers for rapid diagnosis, Pragalathan S., Ruspika S., Chen S.-M., Dhanasekaran A., Velmurugan V., Balaji R., Mohan J., Chandrasekar N., Journal of Environmental Chemical Engineering, Vol:12, Issue: 3, DOI: 10.1016/j.jece.2024.112455, IF = 7.4.
- Energizing geriatric healthcare: A triboelectric energy harvester with self-powered morse code generator and IoT-Enabled remote sensing tactile patch, Viswanathan P., Chandrasekhar A., Materials Today Sustainability, Vol:27, DOI: 10.1016/j.mtsust.2024.100801, IF = 7.1.
- Contact-electrification enabled water-resistant triboelectric nanogenerators as demonstrator educational appliances, Vivekananthan V.; Chandrasekhar A.; Dudem B.; Khandelwal G.; P Silva S.R.; Kim S.-J., JPhys Energy, Vol:6, Issue: 1, DOI: 10.1088/2515-7655/ad0739, IF = 7.
- ACDSSNet: Atrous Convolution-based Deep Semantic Segmentation Network for Efficient Detection of Sickle Cell Anemia, Das P.K., Dash A., Meher S., IEEE Journal of Biomedical and Health Informatics, Pg.No:(1-8), DOI: 10.1109/JBHI.2024.3362843, IF = 6.7.
- Performance analysis of successive di-state full-duplex cooperative wireless cellular networks, Baskar N., Selvaprabhu P., Alexandria Engineering Journal, Vol:91, Pg.No: (139-151), DOI: 10.1016/j.aej.2024.01.074, IF = 6.2.
- TwI-FTM: Two-way IoT-FoG trust management scheme for task offloading in IoT-FoG networks, B P., P P., Results in Engineering, Vol:22, DOI: 10.1016/j.rineng.2024.102197, IF = 6.
- Lightweight object detection in low light: Pixel-wise depth refinement and TensorRT optimization, Vinoth K.; P S., Results in Engineering, Vol:23, DOI: 10.1016/j.rineng.2024.102510, IF = 6.
- Performance analysis of UAV-enabled data gathering for IoT sensor network based on backscatter communication over correlated Nakagami-m fading channels, Tamilarasan I.; Selvaprabhu P.; Venkatesan R.; Rajamani V.; Nagarajan D.; Balakrishnan R., Ain Shams Engineering Journal, Vol:15, Issue: 9, DOI: 10.1016/j.asej.2024.102966, IF = 6.
- Enhancing visual clarity in rainy conditions based on single-frame filtering algorithm, Rajesh A., Sharma A., Chinthaginjala R., Pau G., Abbas M., Shankar T., Fouziya Sulthana S., Ain Shams Engineering Journal, DOI: 10.1016/j.asej.2024.102846, IF = 6.
- Distributed resource optimisation using the Q-learning algorithm, in device-to-device communication: A reinforcement learning paradigm, Jayakumar S.; Nandakumar S., Results in Engineering, Vol:23, DOI: 10.1016/j.rineng.2024.102462, IF = 6.

## PATENTS

1. Title: High-Gain Antenna for V2X Communication  
Inventors: Tanmaya Kumar Das, Biswajit Dwivedy  
Date of Filing: 26-03-2024  
Status: Granted
2. Title: Inverted Omega-Shaped Dual Band Antenna  
Inventors: Tanmaya Kumar Das, Biswajit Dwivedy, Suraj Prakash Sahoo  
Date of Filing: 26-03-2024  
Status: Granted
3. Title: Fractal-Based Circular-Slot Loaded Antenna  
Inventors: Tanmaya Kumar Das, Biswajit Dwivedy  
Date of Filing: 26-03-2024  
Status: Granted
4. Title: Prosthetic Limb with Enhanced Grip Abilities  
Inventors: Sumit Kumar Jindal, Hemprasad Yashwant Patil, Muthke Vivek  
Date of Filing: 01-03-2024  
Status: Granted
5. Title: Rectangular Ring-Shaped Antenna  
Inventors: Rajkishor Kumar, Ravindiran Asithambi  
Date of Filing: 01-03-2024  
Status: Granted
6. Title: Portable Real-Time Cardiac Anomalies Classification and Analysis System Using TinyML  
Inventors: Sriharipriya K C, Abishek R, Aadhyta S V, Ashwin Hariharan R  
Date of Filing: 22-02-2024  
Status: Published
7. Title: Low Noise Dynamic Loop Bandwidth Phase Locked Loop for Radio Frequency Applications  
Inventors: Abdul Majeed K  
Date of Filing: 21-02-2024  
Status: Published
8. Title: Mask Decontamination Apparatus and Method for Image Pipelining with Encrypted Ledger  
Inventors: Santanu Kumar Dash, Harin M Mohan  
Date of Filing: 20-02-2024  
Status: Published
9. Title: An Automatic System for Cleaning a Pool by Collecting Unused Fish Feed, and Method Thereof  
Inventors: Biswajit, Yash Jain, Anjali Tiwari, Darshan N Shenoy, Shahil Kumar S  
Date of Filing: 08-02-2024  
Status: Published
10. Title: An Automatic Fish Feed Collection System  
Inventors: Biswajit, Yash Jain, Anjali Tiwari, Darshan N Shenoy, Shahil Kumar S  
Date of Filing: 12-01-2024  
Status: Granted

## SPONSORED PROJECTS

Prof. Malaya Kumar Hota (PI)  
Prof. Pradeep Kumar Das (Co-PI)  
Project Title: Artificial Intelligence-Based Epileptic Seizure Detection Framework Using EEG Signal  
Funding Agency: Indian Council of Medical Research (ICMR)  
Agency Type: Government  
Sanction Date: March 1, 2024  
Sanction Amount: ₹30,10,885



Prof. Sasikumar K (Co-PI)  
Project Title: Evaluation of an Artificial Intelligence-Based Prediction Model for Identifying Causes of Acute Febrile Illness  
Funding Agency: Indian Council of Medical Research (ICMR)  
Agency Type: Government  
Sanction Date: February 1, 2024  
Sanction Amount: ₹23,44,008



Prof. Ananthakrishna Chintanpalli (PI)  
Prof. Sivakumar R (Co-PI)  
Project Title: EEG-Based Investigation of the Fundamental Frequency Coding for Source Segregation in Elderly Normal-Hearing Adults  
Funding Agency: Department of Science and Technology - Science and Engineering Research Board (DST-SERB)  
Agency Type: Government  
Sanction Date: January 18, 2024  
Sanction Amount: ₹25,28,900



## CONSULTANCY PROJECTS

Prof. Sasikumar P (Co-PI)

Project Title: Detailed Project Report on Intelligent Plate (i-Plate)

Funding Agency: GloballyGi Experiences Pvt Ltd, India

Agency Type: Consultancy

Sanction Date: February 9, 2024

Sanction Amount: ₹4,86,000



# EDITORIAL BOARD

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