



BANNARI AMMAN INSTITUTE OF TECHNOLOGY

An Autonomous Institution Affiliated to Anna University Accredited by NAAC with 'A+' Grade

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Research and Development (Centre for Research)



Research Newsletter
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collegedunia

Centre for Research (CFR)

Vision

The Centre for Research at Bannari Amman Institute of Technology will serve as a globally renowned centre for Scientific Knowledge, Research Excellence and Innovative Technology.

Mission

- To inculcate the research culture of the institute and thus improve the profile of the institute.
- To indulge in extensive core and multi-disciplinary research activities.
- To develop core group of faculty members with high research potential.

Specific Objectives

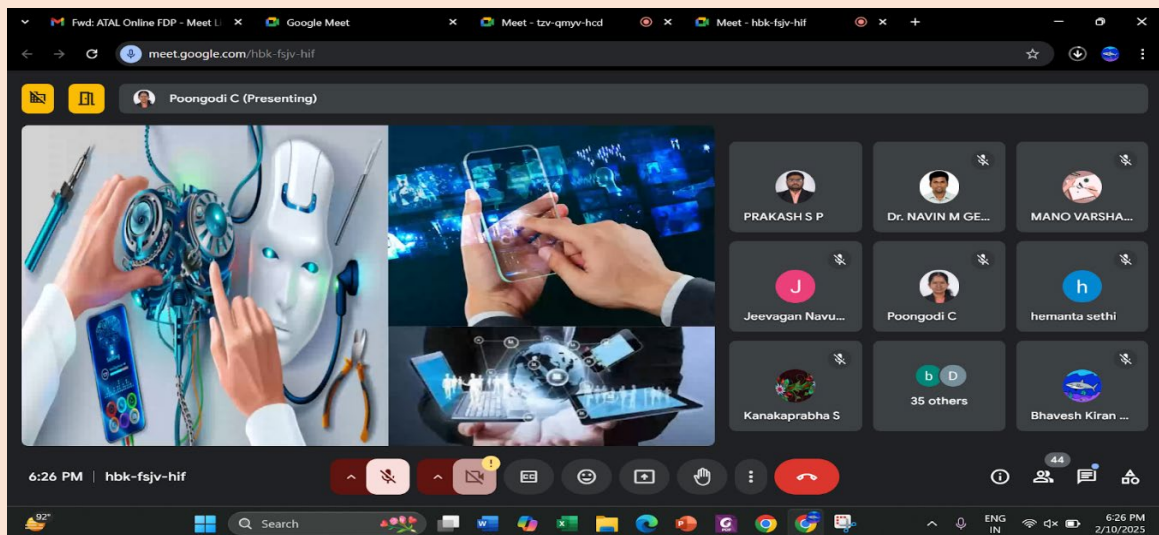
- To create an excellent research ambiance and infrastructure.
- To facilitate inter, multi- and trans- disciplinary research.
- To publish papers in internationally renowned journals, file patents, and facilitate the transfer of technologies to relevant industries.
- To continuously monitor the research outputs for ensuring quality by appropriate committees.
- To enable faculty members and students to translate the knowledge and research into new products to improve the lifestyle of the people.
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Funding Proposal Sanctioned

AICTE TRAINING AND LEARNING (ATAL) Sponsored Online 6 Day Faculty Development Programme on “AI-Enhanced 6G: Pioneering the Next Generation of Wireless Innovation



Grantee	:	Dr Poongodi C
		Dr Deepa D
Funding agency:		AICTE ATAL
Amount:		Rs. 1,00,000/-
Duration:		6 Days

Scope of the Work

AI-Enhanced 6G for next generation wireless system 6-Days AICTE TRAINING AND LEARNING ACADEMY (ATAL) sponsored Faculty Development Program was conducted from 10th to 15th February 2025 in which around 140 participants from different parts of the country participated. AI-Enhanced in 6G Wireless Communication Networks explores the emerging role of AI in the development and optimization of 6G wireless communication networks. As the next generation of wireless technology, 6G aims to provide unprecedented capabilities, including ultra-high-speed data transfer, ultra-reliable low-latency communication (URLLC), and support for massive device connectivity. However, the complexity of 6G networks introduces significant challenges in areas like signal processing, resource allocation, security, and network optimization. AI offers innovative approaches to address these challenges, unlocking new possibilities for more efficient, reliable, and intelligent 6G networks. AI driven spectrum management and optimization is another key area in 6G wireless communication.

TAMILNADU STATE COUNCIL FOR SCIENCE AND TECHNOLOGY
DOTE CAMPUS

Project Scheme (2024-25) – Approved

Organic Liquid Crystals as Thermal Shutters for Smart Window Applications

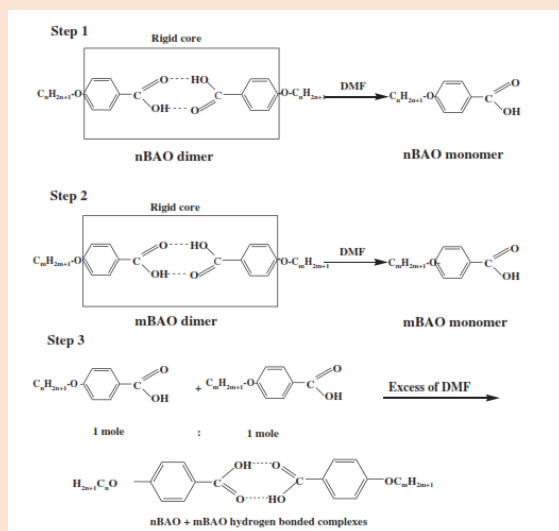


Figure 1

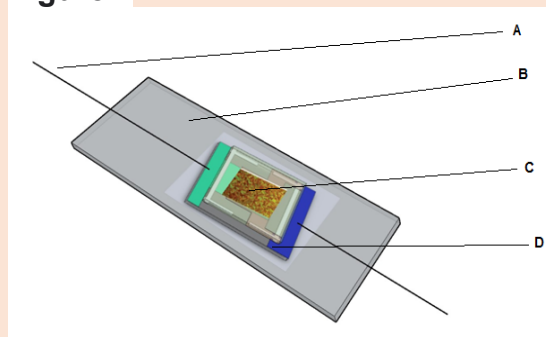


Figure 2a (A) Silver wire leads connected to the cell by silver paste, (B) Clean transparent optical glass substrate, (C) Liquid crystal sample and (D) ITO coated polyamide buffed cell

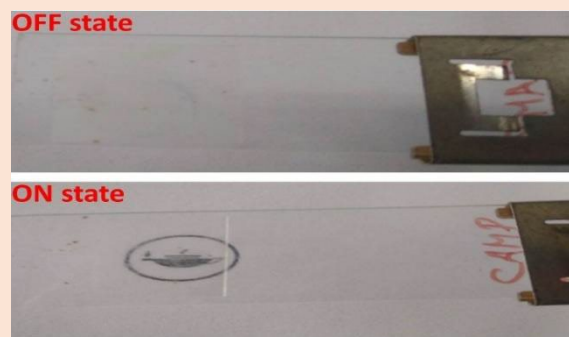


Figure 2b

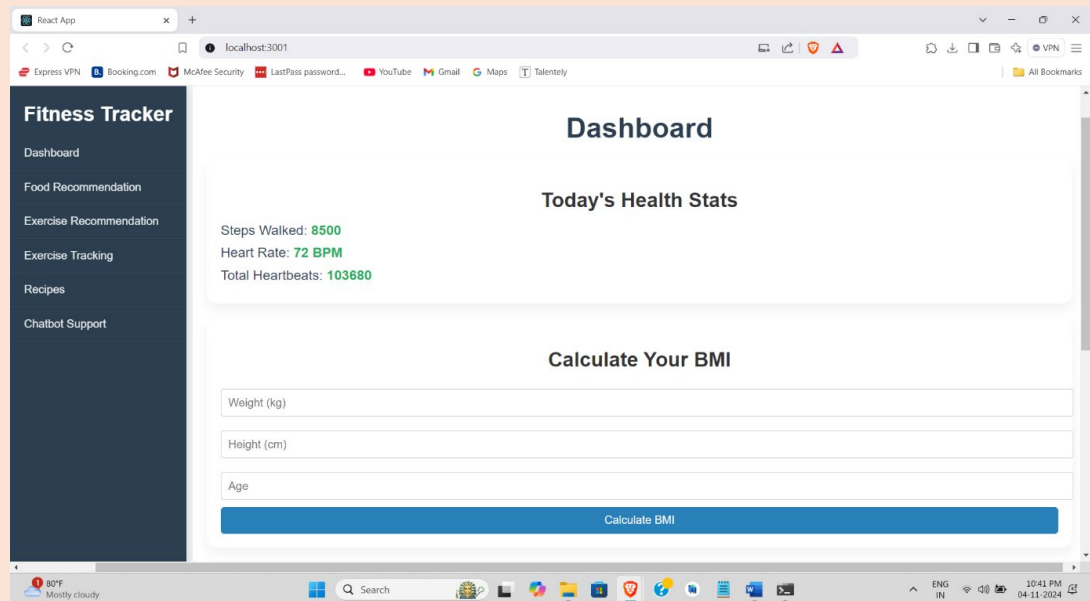
Grantee: Dr N Pongali Sathya Prabu
Funding agency: TNSCST Student Project Scheme
Amount: Rs. 7500 /-
Project status: Completed

SCOPE OF THE PROJECT

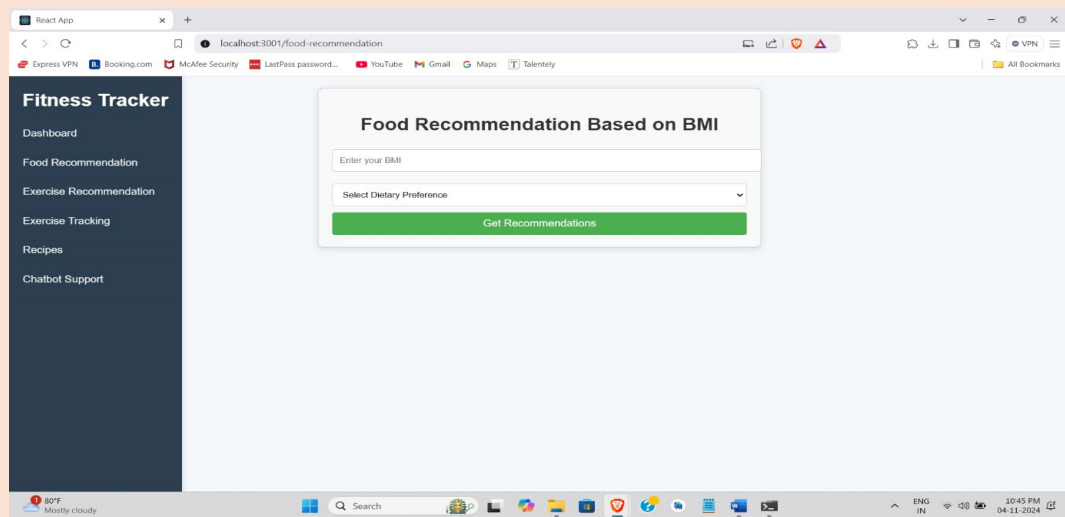
The scope of the project involves synthesizing hydrogen bonded liquid crystals, its thermal characterization and fabrication of thermal shutter for smart window and LCD applications. The synthetic route adopted for the preparation of hydrogen bond liquid crystals is well established (Figure 1). It consists of three step process which is detailed below:

Step 1 and 2 involves conversion of dimer namely n-alkyloxy benzoic acid and m-alkyloxy benzoic acid into monomeric form with the addition of excess Dimethyl Formamide (DMF). In step 3, one mole of n-alkyloxy benzoic acid is mixed with one mole of m-alkyloxy benzoic acid in excess DMF and the mixture is stirred for 12 hours at 30°C until a white color precipitate is observed. The synthesized HBLC will be placed on a slide with cover slip. A thermal field is given to a liquid crystal and the optical molecular action is observed (Figure 2a). The OFF and ON states of thermal shutter will be recorded (Figure 2b). When light is passed through this liquid crystal cell (LCC) from 30°C to 90°C, the molecules of the liquid crystal mesogen hinder the light. The LCC is mounted in an Instec HCS-402 and heated to a temperature above 90°C where the liquid crystal melts. At this temperature, when the light is passed through the LCC, the light is uninterrupted. So by just applying a threshold thermal field, the mesogen acts as novel thermal shutter as depicted.

PERSONALIZED FITNESS TRACKER TO ASSIST HEALTHY “LIFESTYLE”



Dashboard



Food Recommendation Based on BMI

Grantee: Dr Bharathi A

Funding agency: TNSCST Student Project Scheme

Amount: Rs. 7500 /-

Project status: Completed

Duration: 6 Months

Scope of Sanctioned Funding

The *Personalized Healthcare Fitness Tracker* aims to provide customized fitness and diet plans based on individual BMI, gender, and health goals.

It includes:

- BMI Calculation for tailored health categorization.
- Real-time Exercise Tracking using Media Pipe for posture correction and activity recognition.
- Diet Recommendations via RapidAPI, offering personalized meal and recipe suggestions.
- Chatbot Support for answering fitness queries and boosting user motivation.
- User-Friendly Interface built with React.js for smooth navigation and engagement.
- Scalable Design allowing future enhancements like wearable integration and AI-driven insights.

Funding Proposals - Ongoing

Prototype Design and Field Trial of an Elephant Infrasonic Warning Call Generator system



Grantee	: Dr Sanjoy Deb
Funding agency	: DST SERB
Amount	: Rs.15, 18,000/-
Duration	: 3Years
Project Status	: ongoing

Scope of Sanctioned Funding:

The sanctioned funding will support the recording and analysis of behavior-specific infrasonic calls of camp elephants, focusing particularly on natural warning calls. This includes equipment procurement, field visits, and behavioral data collection to ensure authenticity. Signal processing software and tools will be utilized to analyze call characteristics such as frequency, amplitude, and duration. Based on the findings, the funding will also cover the development of a prototype Infrasonic Warning Call Generator System (IWCGS), comprising a subwoofer system, integrated audio playback unit, and user-friendly interface. The funds will further support field trials involving at least three IWCGS units deployed at strategic locations. These trials will assess the system's ability to evoke appropriate elephant responses and its effectiveness in mitigating human-elephant conflict. The impact analysis will inform refinements and the feasibility of large-scale deployment.

Design and Field Trial of an IOT based Ultra-Low-Cost Ground Vibration Tracker for Mining Sectors



Grantee	: Dr Sanjoy Deb
Funding agency:	TEXMIN
Amount	: Rs. 14,13,000/-
Duration:	2 Years
Project Status	: Ongoing

Scope of Sanctioned Funding:

The scope of the project is to design, develop, and field-test an ultra-low-cost Ground Vibration Tracking (GVT) system tailored for mining applications. The system integrates sensor technology, embedded hardware, GSM communication, solar power, and a user-friendly mobile app interface to monitor ground vibrations in real-time. It includes custom-designed circuits, a metal enclosure, and provisions for SMS alerts when abnormal vibrations are detected. The project also focuses on capturing and analysing low-frequency signals using custom geophones and signal processing algorithms like FFT and Gaussian filtering. The system is tested in laboratory conditions and will be field-deployed for performance validation. The ultimate goal is to offer a reliable, portable, and cost-effective solution for vibration monitoring in remote mining areas.

Minimizing Elephant Electrocution Death by Equipping Forest Guards with Solar Fence Inspection Stick

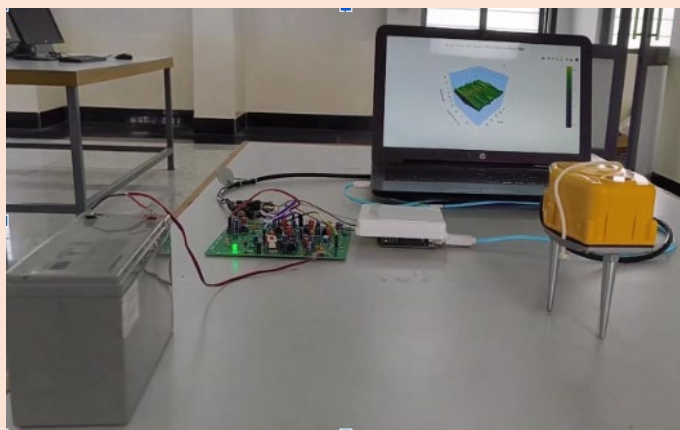


Grantee : Dr Sanjoy Deb
Funding agency : Elephant Managers Association (EMA), USA
Amount : Rs.147595
Duration : 1 Years
Project Status: ongoing

Scope of Sanctioned Funding:

This project focuses on minimizing elephant electrocution deaths by deploying 30 indigenous Solar Fence Inspection Sticks in high-risk forest areas: Sathyamangalam Tiger Reserve, BRT Tiger Reserve, and Coimbatore Forest Division. These portable, solar-powered tools can detect illegal 220V AC connections in fences, enabling forest officials to take immediate action and prevent wildlife fatalities. Alongside device deployment, the project includes training forest guards, conducting awareness campaigns among farmers, collecting field data, and analyzing impact. The broader goal is to establish Solar Fence Inspection Sticks as a scalable, field-ready solution for addressing human-elephant conflict across India.

Design and Trial of an Artificially Intelligent Early Warning System for Tunnel Construction

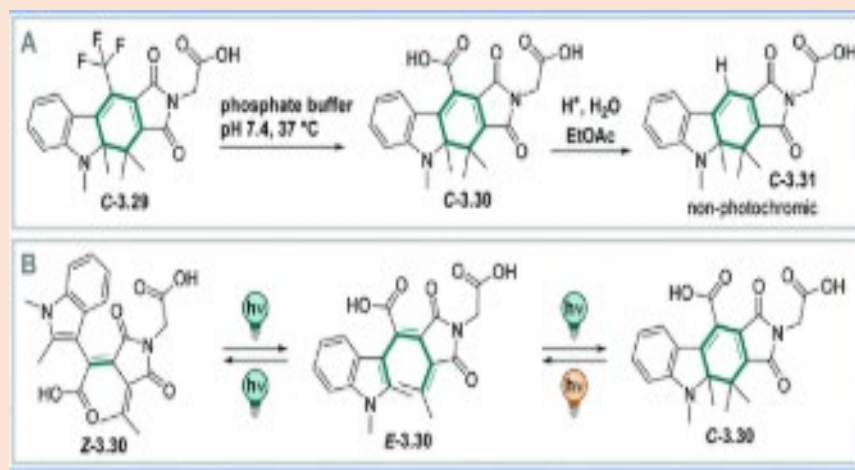


Grantee : Dr Sanjoy Deb
Funding agency : National Institute of Disaster Management (NIDM)
Amount : Rs. 7,80,000
Duration : 2 Years
Project Status : ongoing

Scope of Sanctioned Funding:

The project aims to develop and validate an indigenous Artificially Intelligent Vibration Early Warning System (AI-VEWS) to monitor low-frequency vibrations during tunnel construction. The scope includes creating a location-specific vibration database, designing sensor modules, signal processing units, and developing AI algorithms for real-time classification of hazardous vibrations. Alerts will be delivered via sound, light, and mobile app notifications. The system will undergo lab testing and field trials across various terrains. This project contributes significantly to disaster mitigation by ensuring tunnel worker safety, reducing reliance on costly foreign-made instruments, and enabling pre-commercialization of a scalable, AI-driven early warning system tailored for India's infrastructure development in mountainous and urban tunnel environments.

Metallosupramolecules in Nanoconfined Environments - Intelligent Probes for Bioinspired Photoswitching Molecules



Grantee	: Dr Sathish V
Funding agency	: SERB
Amount	: Rs. 18,30,000/-
Duration	: 3 Years

Scope of the work:

This research focuses on synthesizing and characterizing transition metal-based supramolecular assemblies with applications in biomimetic, photo switching, and host-guest chemistry. This study aims to explore molecular recognition, photo physical properties, and photo isomerization in confined environments, providing insights into designing advanced materials for sensors, catalysis, and bio imaging. This work will be hopeful for the commitment to cutting-edge research aligned with sustainable and impactful scientific advancements

Faculty Entrepreneurship Development Programme on “Innovation, Incubation and Startups”



Grantee	: Dr Balakrishnaraja R
Funding agency	: DST
Amount	: Rs. 7,50,000/-
Duration	: 3 Weeks

Scope of Sanctioned Funding:

The Faculty Entrepreneurship Development Programme (FEDP) on "Innovation, Incubation, and Startups" aims to equip educators with the knowledge and skills necessary to foster entrepreneurial thinking and action within academic environments. This program will explore the critical components of innovation, the process of nurturing new ideas, and the establishment of startups, providing faculty members with tools to guide and mentor students in these areas. Participants will gain insights into creating and managing incubators, understanding the startup ecosystem, and the role of innovation in driving economic growth. By integrating case studies, hands-on workshops, and industry collaborations, the program seeks to enhance faculty capabilities in fostering a culture of entrepreneurship, equipping them to play a key role in shaping the next generation of innovators and entrepreneurs. Ultimately, the program will empower faculty to serve as catalysts for change, supporting the development of high-impact startups that contribute to societal progress and technological advancement.

Funding Proposal Applied

S.No.	Faculty Name	Name of the Project	Funding Agency	Amount (in Rs.)
1	KALAIYARASI M	AI-ASSISTED DIAGNOSIS OF POLYCYSTIC OVARY SYNDROME USING MICROARRAY GENE DATA: A MACHINE LEARNING APPROACH FOR EARLY DETECTION AND PRECISION MEDICINE	IEEE	25000
2	KANNAN K P	CHARACTERIZATION OF BIOMOLECULES OF MEDICAL IMPORTANCE FROM ENDOPHYTIC FUNGI OF MEDICINAL PLANTS OF WESTERN GHATS AND OPTIMIZATION OF TECHNOLOGY TRANSFER TO INDUSTRIES	SERB	2242500
3	GANESH BABU C	WORKSHOP SERIES ON "ADVANCING HEALTHCARE WITH AI: AN EXPLORATION OF MEDICAL DIAGNOSIS"	IEEE	16000
4	MALATHI MAHALINGAM	EXPERIMENTAL AND THEORETICAL STUDIES OF APPLICATION ORIENTED QUINOLINES	TNSCST	1420000
5	PREMALATHA K	DIGITAL TWINS FOR SMART AGRICULTURE: A NEW ERA OF FARMING ANALYTICS	BIRAC	600000
6	SUNDARRAJU G	ESTABLISHMENT OF WELDING SKILL TRAINING CENTER FOR RURAL YOUTHS	Others	4022000
7	KUMARESAN G	APPLICATION FOR FINANCIAL ASSISTANCE FOR SEMINAR/SYMPOSIA	DST	205000
8	SOUNDARIYA R S	TWO DAYS NATIONAL LEVEL SEMINAR ON "AI & ACADEMIC EXCELLENCE: ENHANCING RESEARCH WRITING EFFICIENCY"	SERB	68000
9	VASUDEVAN M	DEVELOPMENT OF MIXED BIOPOLYMERS FOR SOIL REMEDIATION	DST	1724800
10	DHIVYA P	"SAKHI-AI" (AI-POWERED MATERNAL HEALTH COMPANION FOR RURAL WOMEN)	Others	1766000
11	SIVARAMAN P	DEVELOPMENT AND IMPLEMENTATION OF HIGH-POWER BI-DIRECTIONAL CHARGERS AND CONVERTERS FOR V2G, V2V, AND V2H APPLICATIONS TO ENHANCE INDIA'S SMART GRID AND E-MOBILITY ECOSYSTEM	DST	7700000
12	RAMYA P	DESIGN DEVELOPMENT FIELD TRIAL OF AQUATIC ELECTRIC FIELD GENERATOR	DST	925000
13	SAKTHIYA RAM S	GEN AI UNLOCKED – LEARN, BUILD, AND INNOVATE WITH GENERATIVE AI	IEEE	430000
14	SUNDAR S	DEVELOPMENT OF AI-BASED SMART VENDING MACHINE FOR AUTOMATED ELECTRONIC COMPONENT MANAGEMENT IN LABORATORIES	IEEE	2064000
15	CHELLADURAI V	AGROINNOVATE 2025: SUSTAINABLE FOOD PROCESSING AND SMART AGRICULTURE FOR NEW INDIA	AICTE	200000
16	RAJASEKAR S S	INNOVATION UNLEASHED: MACHINE LEARNING AND DEEP LEARNING TRANSFORMING INDUSTRIES	TNSCST	100000
17	PREMALATHA K	NEXT-GEN CYBERSECURITY IN INDUSTRY 4.0 AND 5.0: SECURING CRITICAL INFRASTRUCTURE IN THE DIGITAL AGE	AICTE	100000
18	PERARASI T	SEMICONDUCTOR DESIGN FOR REAL WORLD AI APPLICATIONS	AICTE	100000

19	SUNDAR S	DEVELOPMENT OF IMMERSIVE VR SKILL ENHANCER FOR CHILDREN WITH AUTISM SPECTRUM DISORDER (ASD) AND INTELLECTUAL DISABILITIES (ID)	IEEE	1752794
20	KODIESWARI A	AI-DRIVEN SMARTPHONE GAIT ANALYSIS: A COMPUTER VISION APPROACH FOR PARKINSON'S DISEASE DIAGNOSIS AND MONITORING	IEEE	21250000
21	TAMILSELVI S	SUSTAINABLE BIOPACKAGING MATERIAL	Anna University	10000
22	TAMILSELVI S	ACETOGENIN MEDIATED DOWN REGULATION OF RB GENE FOR OSTEOSARCOMA	TNSCST	10000

Patent

S.No.	Patent Title	Name of the Faculty	Department	Patent Status
1	Machine Learning - Driven Design Of Targeted Nanoparticles For Personalized Cancer Therapy	Revathi V M	Mathematics	Filed
2	Infrasonic Warning Call Generator System (Iwcrs) For Human–Elephant Conflict Mitigation	Arulmurugan L	Electronics And Communication Engineering	Filed
3	Existence Of Ordered Mesophase In Equimolar Ratio Formed Hydrogen Bond Liquid Crystal Binary Mixtures	Pongali Sathya Prabu N	Physics	Filed
4	Flame Retardant Air Cooling Coverall For Hot Work	Muthukumar K	Mechanical Engineering	Filed
5	An Ai-Driven Diagnostic Method Employing Interpretable Deep Learning For Improved Detection Of Diabetes And Diabetic Retinopathy.	Nithyapriya S	Artificial Intelligence And Data Science	Filed
6	Impact Of Deep Learning Enabled Security Hub For Modern Wireless Communication System	Suresh R	Mathematics	Filed
7	System For Predicting And Mitigating Financial Risk In Business Operations	Padmashree A	Artificial Intelligence And Machine Learning	Filed
8	IoT-Enabled Intelligent Composite Material Testing And Predictive Analysis System	Dinesh D	Mechanical Engineering	Filed
9	Smart Pipeline With Embedded Wsn For Leak And Pressure Monitoring	Nivetha G	Electronics And Communication Engineering	Filed
10	Hybrid IoT And Machine Learning Architecture For Intelligent Vehicle Fuel Monitoring And Alert Systems	Saranya D	Mathematics	Filed
11	System And Method For Ai-Driven Cybernetic Control And Blockchain-Based Process Logging In Composite Fabrication	Uvaraja V C	Agricultural Engineering	Filed
12	A Foaming-Assisted Process For Preparing Zinc And Carbonate Co-Substituted Hydroxyapatite–Gelatin Nanocomposite Scaffolds For Bone Tissue Engineering	Sangeetha K	Physics	Filed

15	Gravity Assisted Kitchen Vessel Holder	Rajalashmi K	Electrical And Electronics Engineering	Filed
16	In-Silico Molecular Surface And Protein Docking Evaluation Of A Naphthalene Substituted Chlorpheniramine Structural Derivative	Malathi Mahalingam	Chemistry	Filed
17	Laptop Table	Thanga Parvathi B	Computer Technology	Filed
18	Ai Based Building Structural Health Monitoring Device.	Venkatesan R	Information Technology	Filed
19	Ai-Enabled Framework For Predicting Mathematical Aptitude And English Fluency To Enhance Job Recommendations In Higher Education	Somasundaram K	Information Science And Engineering	Filed
20	MWCNT Dispersed Hydrogen-Bonded Liquid Crystal For Enhanced Dielectric And Thermal Performance	Kavitha C	Chemistry	Filed
21	Battery Thermal Management System	Sivaraman P	Electrical and Electronics Engineering	Filed
22	Ai Based Smart Plant Care Device	Selvakumar M	Information Technology	Filed
23	Smart Table For Elderly Persons	Perarasi T	Electronics And Communication Engineering	Filed
24	Smart Id Card For Child Safety And Panic Detection	Ganagavalli K	Computer Science & Engineering	Filed
25	Wall Mountable Shoulder Saree Pleating Clip	Gayathri S	Computer Science & Engineering	Filed
26	An Intelligent Robotic Unit For Vegetable Picking	Sangeethaa S N	Computer Science & Engineering	Filed
27	A Study On The Influence Of Effective Pedagogical Strategies In English Speaking And Learning	Gayathiri B	Mathematics	Filed
28	Impact Of Advantages Of Performance-Based Budgeting In Optimizing Financial Planning And Management	Gomathi M	Mathematics	Filed
29	Automated Liver Tumor Detection System Using Machine Learning And Advanced Image Processing 1	Harikumar R	Electronics And Communication Engineering	Filed
30	Preparation Of Ternary Nanocomposite For Humidity Sensor Applications Using Arduino For Relative Humidity Analysis.	Ashokan S	Physics	Filed

31	A Chloride-Selective Core–Shell Transition Metal Chalcogenide Nanocomposite Electrode For Direct Seawater Electrolysis	Anandha Babu G	Physics	Filed
32	An Iot Enabled Cheque Processing Device	Bharathi A	Information Technology	Filed
33	Ai Based Device For Splicing Opticalfibers	Sathishkumar S	Electrical And Electronics Engineering	Filed
34	Ai Based Drainage Cleaning Device	Kiruthika V R	Computer Science & Engineering	Filed
35	Integrated Tea Makerand Bread Toster Device	Tajdeen A	Mechanical Engineering	Filed
36	Iot-Integrated Machine Learning Framework For Automated Flyover Construction And Maintenance	Prabhavathi K	Mathematics	Filed
37	Ai-Powered Debugging And Optimization Tool For Software Development	Gnanasundar V M	Civil Engineering	Filed
38	Impact Of Recapitalized Commercial Banks On Same Development In Country	Prabakaran P	Mathematics	Filed
39	Machine Learning Enhanced Techniques For Numericalanalysis And Error Reduction	Thulasimani T	Mathematics	Filed
40	Ai Interactive Display Device	Sathyamoorthy J	Computer Science & Engineering	Filed
41	Transforming Personalised Learning In Higher Education To Predict Student Success Using Machine Learning Approach	Thulasimani T	Mathematics	Filed
42	Deep Learning Techniques For Predicting Student Success In Higher Education Based On Social, Economic, And Educational Data	Thulasimani T	Mathematics	Filed
43	Ai - Powered Wearable Insulin Pumps	Parthasarathi P	Computer Science & Engineering	Filed
44	Enhancing Mathematical Reasoning And Self-Efficacy With Problem- Based Learning, Contextual Teaching, And Machine Learning Integration	Thulasimani T	Mathematics	Filed
45	The Impact Of Remote Work On Employee Engagement And Productivity	Kalaiselvan S	Mathematics	Filed
46	Curriculum Opportunities For Computational Thinking And Machine Learning In Mathematics	Thulasimani T	Mathematics	Filed

47	Ai-Driven Adaptive Load Balancing System For Optimized Performance In Distributed Cloud Networks-New	Prabhavathi K	Mathematics	Filed
48	IoT Enabled Audio Player Integrated Printer	Saranya K	Computer Science & Engineering	Filed
49	A Novel Process For Production Of Tableware From Composites Made Of Agricultural Waste And Polylactic Acid (PLA)	Balakrishnaraja R	Biotechnology	Filed
50	Ai-Based Gas Consumption Identifying device	Sangeetha S	Computer Science & Engineering	Filed
51	Predictive Analysis Of Social Media And Cybercrime Effects On Higher Education Academic Performance Using Machine Learning	Thulasimani T	Mathematics	Filed
52	Ai-Enhanced Potato Disease Recognition And Management System For Farming	Prabhavathi K	Mathematics	Filed
53	Performance Evaluation Of Bituminous Mix Using Waste Plastic	Rajendran M	Civil Engineering	Filed
54	Influence Of Foundry Sand Using On The Bitumen Properties	Rajendran M	Civil Engineering	Filed
55	Encapsulated Microbial Systems For Eco Friendly Oil Spill Management	Ashwin Raj S	Biotechnology	Filed
56	Deep Learning Framework For ECG Signal Classification Using AD8232 Sensor And DPCNet	Premalatha K	Computer Science & Engineering	Filed
57	Hardware-Accelerated CNN-Based System For Real-Time Brain Tumor Classification From MRI Images	Ramya R	Computer Science & Engineering	Filed
58	Hardware-Enabled IoT Deep Learning System For Early Detection Of Dyslexia	Chitradevi T N	Computer Science & Engineering	Filed
59	Real Time Speech Emotion Recognition On Embedded Platform	Parthasarathi P	Computer Science & Engineering	Filed
60	Development Of Flavoured Curd Capsules As Ready-To-Eat Nutri Bites	Nithiya Priya B T	Food Technology	Filed
61	Eco-Friendly Water Treatment System Using Calotropis Gigantea- PGA Composite For Agricultural Run Off Remediation	Pavithra Mks	Biotechnology	Filed
62	Academic Hub	Kavitha R	Computer Science & Engineering	Filed

63	Sensor Enabled Bandage For Wound Monitoring And Recovery	Parasuraman P	Physics	Filed
64	Role Of Nanomaterial In Improving The Functionality Of prebiotics And Probiotics Using Microencapsulation	Kirupa Sankar M	Biotechnology	Filed
65	IoT Weather Station Using Adaptive Bayesian-Lstm Ensemble With Contextual Attention (Able-Ca) Systems	Murugan K	Electronics And Communication Engineering	Filed
66	Theoretical Formulation For Multi-Mechanistic Free Radical Scavenging Via Extended Hat, Setpt And Splet Pathways.	Sadasivam K	Physics	Filed
67	Effect Of New Accelerator Additives On Fast-Setting And High Performance Ready-Mix Concrete For The Building Industry	Vijayanand P S	Chemistry	Filed
68	Development Of Nutritionally Enriched Colored Pasta Fortified With Legume Protein	Pidathala Sahitya	Food Technology	Filed
69	A Synergistic Approach Of CuO Nanoparticle And Biosurfactants For Anti-Biofilm Formation	Sakthishobana K	Biotechnology	Filed
70	IoT-Based Smart Agriculture System With AI-Powered Animal Detection And Smart Irrigation	Sampoornam K P	Electronics And Communication Engineering	Filed
71	A Nutritionally Enhanced Functional Powder Derived From Male Coconut Inflorescence(Cocos Nucifera)	Gowrishankar L	Food Technology	Filed
72	Permit Compliance Enforcement System For Municipal Infrastructure	Dinesh P S	Computer Science & Engineering	Filed
73	System And Method For AI-Driven Marketing Decision Governance Using A Permissioned Blockchain Accountability Architecture	Vidhya S	School Of Management Studies	Filed
74	A Plant-Based Probiotic Food Spread Derived From Muskmelon Seeds And A Process For Preparation Thereof	Deepa D	Biomedical Engineering	Filed
75	An Automated Eye-Drop Dispensing Device And Method For Controlled Ophthalmic Fluid Delivery	Vinoth Kumar J	Agricultural Engineering	Filed
76	A Rotatable Cooking Vessel Lid With Cam-Lock Sealing, Integrated Straining Arrangement, And Temperature Indicator	Sakthiya Ram S	Electronics And Instrumentation Engineering	Filed
77	Self-Healing Propulsion And Adaptive Aerial Communication Drone System For Disaster Management.	Priya L	Information Technology	Filed

78	Portable Non - Contact Device For Measuring IOP In Glaucoma Patients	Pandiyan M	Information Science And Engineering	Filed
79	An Adaptive IoT-Based Context-Aware Kitchen Hazard Detection And Autonomous Safety Control System	Sritha P	Electrical And Electronics Engineering	Filed
80	An IoT Enabled Cheque Processing Device	Bharathi A	Information Technology	Filed
81	AI Based Device For Splicing Optical Fibers	Sathishkumar S	Electrical And Electronics Engineering	Filed
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100	Ai-Enhanced Potato Disease Recognition And Management System For Farming	Prabhavathi K	Mathematics	Filed
101	A Herbal Chewing Gum Containing Acmella Oleracea Extract For Oral Numbing And Analgesic Application	Tamilselvi S	Biotechnology	Filed
102	Development Of Edible Filament For 3D Food Printing	Sivarahini K	Food Technology	Filed
103	Smart W/C Ratio Detector	Mohanraj A	Civil Engineering	Filed
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Publications- WOS/SCI

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7	T Ayisha Naziba, D Praveen Kumar , S Karthikeyan, S Sriramajayam, M Djanaguiraman, Senthilarasu Sundaram, Mehrdad Ghamari, R Prasada Rao, Seeram Ramakrishna, D Ramesh	Biomass Derived Biofluorescent Carbon Dots for Energy Applications: Current Progress and Prospects	Chemical Record
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15	Malathi Mahalingam , Gayathri Kasirajan, Mohan Palathurai	Aqueous Phosphate Detection in Real Samples Using Nir-Triggered Diamino Bis-Benzimidazoquinoline	Chemical Physics Impact

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	Subramaniam, Yogeshkumar Manalmettupudhur Rasu	Fluorescence Sensor: An Experimental and Theoretical Approach	
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38	Gowri Shankar Manivannan, Kalaiyarasi Mani , Harikumar Rajaguru, Satish V Talawar	Detection of Alcoholic EEG Signal Using Lasso Regression with Metaheuristics Algorithms Based LSTM and Enhanced Artificial Neural Network Classification Algorithms	Scientific Reports
39	Selvakumarasamy Saranya, Rengaraju Balakrishnaraja , Snehal Mahesh Jadhav	Comprehensive Identification of Costus Pictus Rhizome Extract as a Potent Plant Food: Unveiling Anti-Diabetic, Antimicrobial, Anticancer and Anti-Inflammatory Properties	Plant Foods for Human Nutrition
40	Rajaram Rajamohan, Michael Ruby Raj, Thangavel Selvamani, Mani Murali Krishnan , Chandramohan Govindasamy, Moorthiraman Murugan, Yong Rok Lee	Chemosensor Material as a Metal-Organic Framework with Potassium-Based Perylene Tetracarboxylic Acid for Copper and Lead Detection	Journal of Molecular Liquids
41	Shiv Kumar Gupta, Runjhun Pallavi, Jannat Ul Firdaus, C Kavitha , Khanderao Rajaram Jadhav	Development and Assessment of a Chlorphenesin-Based Cream with Antifungal	Biochemical and Cellular Archives
42	Kumaresan Govindasamy , Ashok Kumar, Sureshkumar, Subramaniyan Chinnasamy	Thermo Kinetic Behavior of Closed Loop Pump Dryer with Different Chambers for Holy Basil Leaves Drying Applications: An Experimental Approach	Energy Sources, Part A: Recovery, Utilization and Environmental Effects
43	Mohd Asif Shah, Abubakkar Abdul Jaffar, Selvakumar Pandiaraj, Kumaresan Govindasamy , Kamal Sharma, Suresh Muthusamy, Mohammad Irfanul Haque Siddiqui, Erdem Cuce	Thermal Comfort Inside a Gable-Roofed Metallic Shed in a Higher Educational Institution: A Case Study and Detailed Analysis	International Journal of Low-Carbon Technologies
44	Dinesh Chellappan, Harikumar Rajaguru	Machine Learning Meets Meta-Heuristics: Bald Eagle Search Optimization and Red Deer Optimization for Feature Selection in Type II Diabetes Diagnosis	Bioengineering-Basel
45	S Selvi , R Selvamani, S Sabeena Begam	Elastic Waves in a Pre-Stressed Layered Media	European Physical Journal- Special Topics
46	Divya Haridas, Jyoti Singh, J Roopa Jayasingh, D Deepa , K C Ramya, Ankush D Tharkar	Robust Phase Extraction from Complex Signals/Fringe Patterns for Optical Communications in 5G and Beyond Through Continuous Wavelet Ridge Technique	Internet Technology Letters
47	R Preetha , M Parimala, S Keerthana, A Manivannan	Analysis of Synchronization Problems in Delayed Neural Networks with Markovian Jumping Via Looped Functionals	European Physical Journal- Special Topics
48	Rajaram Rajamohan, Perumal Muthuraja, Sekar Ashokkumar, Mani Muralikrishnan , Kuppusamy Murugavel,	A Non-Toxic Inclusion Complexation of Loxoprofen with Hydroxypropyl-B-Cyclodextrin for Complete Solubility and Anti- Inflammatory Efficacy	Journal of Molecular Liquids

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	Chandramohan Govindasamy, Yong Rok Lee		
49	Gowri Shankar Manivannana, Harikumar Rajagurub , Rajanna S, Satish V Talawara	Cardiovascular Disease Detection from Cardiac Arrhythmia ECG Signals Using Artificial Intelligence Models with Hyperparameters Tuning Methodologies	Heliyon
50	P Sivakumar, M Balasubramani, R Sowndharya, B S Deepa Priya , W Deva Priya, Maganti Syamala	Twitter Spam Drift Detection by Semi Supervised Learning Approach Using Yatsi Algorithm	International Journal of System Assurance Engineering and Management
51	Venkatesh Chenrayan, Kiran Shahapurkar, M C Kiran, Bhuvanesh Ngarajan , Krishna Prakash Arunachalam, Alejandra Decinti Weiss, Yasser Fouad, Fahad Awjah Almeahmadi, Manzoore Elahi M Soudagar	Leverage of Aluminium Oxynitride on the Impact Resistance of Kevlar- Impregnated Epoxy Composites: Experimental and Numerical Evaluation Under Low-Velocity Impact	Polymer Composites
52	J Lavanya, A Ravi Sankar, M Sindhuja, S Arulmani	Recent Advances in Ovarian Cancer Diagnosis Using 2D Nanomaterials- Based Electrochemical Biosensors: A Review	Journal of Materials Science
53	S Priyanka, S Shanthi, A Saran Kumar, V Praveen	Data Fusion for Driver Drowsiness Recognition: A Multimodal Perspective	Egyptian Informatics Journal
54	T Thulasimani , Farhad F Mehta, Abhishek Bhattacharjee, Raghvendra Sharma, Niraj Gupta, Ankur Srivastava, D Akiladevi, Deepti Dwivedi	Preparation and Evaluation of Famotidine-Loaded Solid Lipid Nanoparticles for Oral Drug Delivery	Biochemical and Cellular Archives
55	Harikumar Rajaguru , Sunil Kumar Prabhakar, Dong-Ok Won	Coherent Feature Extraction with Swarm Intelligence Based Hybrid Adaboost Weighted ELM Classification for Snoring Sound Classification	Diagnostics
56	R Gomathi , S Gnanavel, K E Narayana, B Dhiyanesh	ACGAN Adaptive Conditional Generative Adversarial Network Architecture Predicting Skin Lesion Using Collaboration of Transfer Learning Models	Automatika
57	Rajagopal Maheswar, Boopathi Chettiagounder Sengodan, Prince Mary Stanislaus, Sivakumar Sabapathy Arumugam, Dipak Kumar Sah, Dharmesh Dhabliya, Poongodi Chenniappan , James Deva Koresh Hezekiah	Variational Autoencoders for Network Lifetime Enhancement in Wireless Sensors	Sensors
58	K Sundaramoorthy, K E Purushothaman, J Jeba Sonia, N Kanthimathi	Enhancing Cybersecurity in Cloud Computing and WSNS: A Hybrid IDS Approach	Computers & Security

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59	Balakrishnan Siddharthan , Arumugam Kumaravel	Wear Behaviour of Titanium Diboride and Zirconium Carbide Reinforced LM13 Hybrid Composite for Automotive Applications	Materials Testing
60	Dasappagounden Pudur Velusamy Soundari, Poongodi Chenniappan	An Ecient Hybrid Bat Sand Cat Swarm Optimization-Based Node Localization for Data Quality Improvement in Wireless Sensor Networks	International Journal of Communication Systems
61	Deepalekshmi Ponnammma, S Jayanthi, Hemalatha Parangusan, Anandha Babu , Sundaresan Balakrishnan	Fabrication of Free Standing Nano-Sio2 Incorporated Solid Polymer Electrolytes Based on Poly(Vinyl) Chloride	Ionics
62	J P Ramesh, V Mugendiran, G Sivaraj	Increasing L/D Ratio of Wing by Delaying Flow Separation for Better Aerodynamic Performance	Journal of Applied Fluid Mechanics
63	A Devaenthiran Pradeep , Thirupathi Rameshkumar	Effect of Heat Treatment on Metallurgical and Mechanical Properties of an Aluminium 6061 Hybrid Composite	Materiali in Tehnologije
64	Muhammad Faheem, Leeban Moses M , Saravana Kumar R, Ramkumar K, Shoukath Ali K, Arfat Ahmad Khan	Tcad-Enabled Machine Learning Framework for DC and RF Performance Evaluation of Ingaas Sub-Channel DG-Hemts	Journal of Engineering
65	P Rajesh Kanna , P Santhi	An Enhanced Hybrid Intrusion Detection Using Mapreduce-Optimized Black Widow Convolutional LSTM Neural Networks	Wireless Personal Communications
66	Ahmed Nabih Zaki Rashed, Jacob Wekalao, Mouleeswaran Singanallur Kumaresan, Srinivasan Mallan , Garapati Satyanarayana Murthy, Nagarajan Ramanathan Nagarajan, Santhanakrishnan Karthikeyan, Nithya Dorairajan, Ramachandran Thandaiah Prabu	Metasurface Based Surface Plasmon Resonance (SPR) Biosensor for Cervical Cancer Detection with Behavior Prediction Using Machine Learning Optimization Based on Support Vector Regression	Plasmonics
67	R Nirmala, S Ariffa Begum, A Selvanayagi, P Ramya	VLSI Implementation of an Energy Efcient Color Image Compressor Using Improved Block Truncation Coding and Enhanced Golomb Rice Coding for Wireless Sensor Networks	Journal of Supercomputing
68	Harikumar Rajaguru , Sivamani Palanisamy	Leveraging Classifier Performance Using Heuristic Optimization for Detecting Cardiovascular Disease from Ppg Signals	Diagnostics
69	D Ramesh, D Praveen Kumar , V Karuppasamy Vikraman, P Subramanian, S Karthikeyan, S Sundaram	Carbon Molecular Sieves from Coconut Lealets Via Chemical Vapour Deposition: Process Optimization Using Box–Behnken Design	Biomass Conversion and Biorefinery

S.No.	Author(s)	Article Title	Journal Name
70	K Balasamy , S Suganyadevi	Multi-Dimensional Fuzzy Based Diabetic Retinopathy Detection in Retinal Images Through Deep CNN Method	Multimedia Tools and Applications
71	Lakshmanaprakash Sanmugaraja , Pandiaraj Annamalai	Tree Hierarchical Deep Convolutional Neural Network Optimized with Sheep Flock Optimization Algorithm for Sentiment Classification of Twitter Data	Network-Computation in Neural Systems
72	Narayanan Rishikesh , Jeyaraj Senthil Kumar	Integrated Pv Generation System with High Gain Converter and Chho-Flc Based Mppt Algorithm for Grid Integration	Electrical Engineering
73	D Jagadeesan, J Jegan, S Siva Subramanian, L Kartheesan, D Deepa , G Asha	Multi-Level Security-Based Optimal Designs for Secure Game Communications	International Journal of Modeling Simulation and Scientific Computing
74	Shettahalli M Vinu Kumar, Nallasivam Manikandaprabu, Narayanan Babu, Chandrasekaran Sasikumar	Prediction of Torque in Drilling Woven Jute Fabric Reinforced Epoxy Composites Using the Adaptive Networkbased Fuzzy Inference System and Response Surface Methodology	Cellulose Chemistry and Technology
75	Shettahalli Mantaiah Vinu Kumar, Rengaraj Jeyakumar, Nallasivam Manikandaprabu, Chandrasekaran Sasikumar	Experimental Investigation on Free Vibrational Damping and Drilling Behavior of Flax Reinforced Epoxy Composites Using Adaptive Neuro Fuzzy Inference System	Cellulose Chemistry and Technology
76	Dinesh Kumar Jayaraman Rajanendiran, C Ganesh Babu , K Priyadharsini	A Certain Examination on Heterogeneous Systolic Array (HSA) Design for Deep Learning Accelerations with Low Power Computations	Sustainable Computing-Informatics & Systems
77	Ahmed Nabih Zaki Rashed, Jacob Wekalao, Mouleeswaran Singanallur Kumaresan, Srinivasan Mallan , Garapati Satyanarayana Murthy, Nagarajan Ramanathan Nagarajan, Santhanakrishnan Karthikeyan, Nithya Dorairajan, Ramachandran Thandaiah Prabu	Metasurface Based Surface Plasmon Resonance (SPR) Biosensor for Cervical Cancer Detection with Behavior Prediction Using Machine Learning Optimization Based on Support Vector Regression	Plasmonics
78	V Dhanapal, S Jenisha, P Subhapriya , A Lakshmi Priya, M Murali Krishnan	Optimization, Experimental and Theoretical Investigation of Modified Guar-Gum and Poly (Acrylic Acid) Based Smart Hydrogel for Controlled Release Applications in the Agricultural Field	Materials Today Communications
79	K Balasamy , V Seethalakshmi	HCO-RLF: Hybrid Classification Optimization Using Recurrent Learning	Biomedical Signal Processing and Control

S.No.	Author(s)	Article Title	Journal Name
		and Fuzzy for Covid-19 Detection on CT Images	
80	M Sennappan, V Srinivasa Murthy, Praveen B Managutti, P Subhapiya , K Gurushantha, Praveen C Ramamurthy, B Hemavathi, K S Anantharaju, Aman Thakur	Facile Synthesis of Azines By Carboxylic Acid Esters as Catalyst and Facilitation of Intersystem Crossing (ISC) in Azines by Azine Chromophore	Scientific Reports
81	V N Vijayakumar , P Valarmathi, S Sundaram, M Saravanakumar	Investigation on Induced Smectic Phases in Double Hydrogen Bond Liquid Crystal Complexes Derived from Aromatic Carboxylic Acids: Experimental and Quantum Chemical Approaches	Journal of Molecular Liquids
82	Mani Deepak Choudhry, D Pavithra, T Parameswaran, S Amutha, T Deepa, R Kiruthiga	Applplication of Lstm Networks for Continuous Patient Monitoring and Anomaly Detection in Wearable Health Devices	Indian Journal of Science and Technology
83	T Thulasimani , P Rama Devi, Shreyasi, Zankhana Sheth, M Sandra Carmel Sophia, Debashis Purohit, Farhad F Mehta, Kamallesh Tripathi	Development of In-Vitro Isradipine Fast Dissolving Tablets Using Direct Compression Method	Biochemical and Cellular Archives
84	Thulasimani T , Mehta Farhad F, Raziya S K, Chakraborty Gunosindhu, Dewan Shailee, Behera Snigdha Rani, Mishra Avinash Kumar Vivekanand, Babu Bonige Kishore	Nanofiber Encapsulation: Revolutionizing Biopharmaceutical Delivery Through Electrospinning	Biochemical and Cellular Archives
85	Krishnan Thirumoorthy, Abdul Hamid Malhan, Nisha Job, Ann Maria Francis, Masthan Thamim, Gopalan Viswanathan , Pandian Bothi Raja, S K Ashok Kumar	Systematic Computational Approaches on Biosorption of Fluoride on Chitin: Crossover from Conventional to Short and Strong Hydrogen Bonds	ACS ES&T Water
86	Neelesh Kumar Maurya, Uddappanda Bopaiah, R Praveena , Sudhahar Dharmalingam, Khanderao Rajaram Jadhav	Design, Development and Examination of Antibacterial Activity of Herbal Preparations Including Methanolic Extract of Samadera Indica for the Treatment of Skin Disorders	Biochemical and Cellular Archives
87	Mangottiri Vasudevan , Jino Lawrence, Mohanadhas Berlin, Narayanan Natarajan	Numerical Analysis on the Fate and Transport of TiO ₂ Nano Particles	Science of the Total Environment
88	Harikumar R , Vanathi P T, Divya R	An Optimized Cardiac Risk Levels Classifier Based on Gmm with Min Max Model from Photoplethysmography Signals	The Scientific Temper
89	B Kalidasan, A K Pandey, Subramaniyan Chinnsamy , Xiaobin G U, Wenye Lin, V V Tyagi	Long-Term Thermal Behaviour of Silver and Graphene Nanoparticle-Enhanced Phase Change Materials Under Accelerated Thermal Stress	Journal of Energy Storage
90	Reji Kumar Rajamony, A K Pandey, A G N Sofiah, Johnny	Evaluating the Energy and Economic Performance of Hybrid Photovoltaic	Materials Today Sustainability

S.No.	Author(s)	Article Title	Journal Name
	Koh Siaw Paw, Govindasami Periyasami, K Chopra, Subramaniyan Chinnasamy , Rizwan A Farade	Thermal System Integrated with Multiwalled Carbon Nanotubes Enhanced Phase Change Material	
91	Chandrasekaran Sasikumar , Madhesan Pradeepkumar, Thangaraj Jesudas, Mani Narasimharajan	Evolutionary Optimization of Wire EDM Process for the Surface Finish on a Magnesium AZ9LD Alloy Using an ANN and a Genetic Algorithm	Materiali in Tehnologije
92	M S Prasath, C Sasikumar , G Sivaraj	Numerical Studies on Aerodynamics Performance of Modified Basebleed to Reduce Fuel Consumption in Squareback Cars	Journal of Applied Fluid Mechanics
93	Murthy Arul, Chinnasamy Subramaniyan, Erusagounder, Sakthivelmurugan, Myilsamy Sureshkumar	Optimising Mechanical Properties of Epoxy Matrix Hybrid Composites Through SIC Filler Integration and Fiber Reinforcement: The Taguchi Approach	Cellulose Chemistry and Technology
94	P Sivaraman , P U Poornima, K Dhineshkumar, Chunduri Kiran Kumar, S Sumana, M V Rama Sundari, Mohammed Shuaib, A Rajaram	Optimising Rooftop Photovoltaic Adoption in Urban Landscapes: A System Dynamics Approach for Sustainable Energy Transitions	Biomedical Signal Processing and Control
95	Balu Pandiana, Harigaran Arumugam, Balu Pandiana, Ravikumar Muthaiyan , Sivashankar Arumugam, Silambarasan Rajendrand, Chander Prakash	Impact on Green Synthesised AL2O3 Nanoparticles on Performance and Emission Properties as Biodiesel Operated Diesel Engine	Global NEST Journal
96	R Divyabharathi, B Kalidasan, J S Sakthi Suriya Raj, Subramaniyan Chinnasamy , A K Pandey, Jayant Giri, Amanullah Fatehmulla	Harnessing Agro-Wastes for Sustainable Nanomaterials: The Promise of Biofluorescent Carbon Dots	Environmental Progress & Sustainable Energy
97	Ravikumar Muthaiyan , Vinayagamurthi Ponnusamy, Suresh Subramanian, Rajamurugan Govindasamy	Silicon Carbide Nanoparticle- Enabled Strengthening of Aluminum and Copper Resistance Spot Welds	Materials Science
98	Girish Kumar K, Mahalakshmi M, Mohammed Thowfeeq A, Karthick Raja S, Manasvi S , Srinikkesh R K, Vaidhyanathan B , Sinduja M E	Fabrication of Gracilaria Incorporated Strontium Scaffolds for Bone Regeneration	Cahiers Magellanes-NS
99	Ahmed Nabih Zaki Rashed, Jacob Wekalao, Niranjana Siddharthan, Soman Shibu, Garapati Satyanarayana Murthy, Kandaswamy Vasudevan Karthikeyan, Srinivasan Mallan , Kalpanadevi Ganesan, Vijayalakshmi Sekar	High Sensitivity Terahertz Biosensor Based on Graphene/Methylammonium Lead Halide Metasurface with Machine Learning-Enhanced Pathogen Detection	Plasmonics
100	Bhuvanesh Nagarajan , Kumaresan Govindasamy,	Tensile, Flexural and Fatigue Responses of Lightweight Pumice-Reinforced Magnesium Composite:	Journal of Engineering Materials and Technology-

S.No.	Author(s)	Article Title	Journal Name
	Venkatesh Chenrayan, Kiran Shahapurkar	Experimentation Followed by an Analytical Modeling	Transactions of the ASME
101	S Munaf, A Bharathi , A N Jayanthi	Fpga-Based Low - Light Image Enhancement Using Retinex Algorithm And Coarse- Grained Reconfigurable Architecture	Scientific Reports
102	Stephen Sagayaraj A , T Kalavathi Devi	Combination Of Gray Level Features With Deep Transfer Learning For Copra Classification Using Machine Learning And Neural Networks	Scientific Reports
103	Sampoornam K P ,	Reinforcement Learning Techniques For Real Time Battery Cell Balancing Using Modified Cascaded H-Bridge Converters	Tehnicki Vjesnik-Technical Gazette
104	Balasamy K , G. Balamurugan K.B. Gurumoorthy Suganyadevi S	Improving The Traffic Prediction Process Efficiency Using Novel Cohesive Model	Computers & Electrical Engineering
105	Murali Krishnan M , Sowmiapratha Pandikannan Esakkimuthu Shanmugasundaram Sujitha Muthuchamy Nithesh Kumar Krishnan Vaseeharan Baskaralingam	Synthesis, Computational, And Spectral Investigation Of Cinnamate Derivatives/B-Cyclodextrin Inclusion Complexes Studies For Biological Applications	Biomolecules
106	Baranidharan V , Surendar M	Accurate Channel Estimation Of On-Grid Partially Coherent Compressive Phase Retrieval For Mmwave Massive Mimo Systems	Frequenz
107	Saranya D , Jevadoss S Nalini V Chitra V	Decomposition Of Hypercube Graphs Into Paths And Cycles Having K Edges	Akce International Journal Of Graphs And Combinatorics
108	Vijayanand P S ,	Controlled Polymerization Of Silver Nanoparticle Dispersed Poly (Aniline-Co-3- Bromo Aniline) Electroactive Composites-One Pot Synthesis And Characterization	Journal Of Dispersion Science And Technology
109	Murali Krishnan M , Kuppusamy Murugavel D. S. Prabakaran	Significantly Improving The Solubility And Anti-Inflammatory Activity Of Fenofibric Acid With Native And Methyl-Substituted Beta-Cyclodextrins Via Complexation	Scientific Reports
110	Sangeethaa Sn , Balamurugan M Kayalvili S	Detection Of Polycystic Ovarian Disease Using Probabilistic Optimum Deep Learning Feature Fusion	Iete Journal Of Research

S.No.	Author(s)	Article Title	Journal Name
111	Rajalashmi K , S Manivannan R Subbulakshmi	Detecting And Tracking Of Road Boundary Lines Using Machine Learning Approach	Indian Journal Of Science And Technology
112	Leeban Moses M , R. Saravana Kumar A. Mohanbabu	Impact Of Gate Angle Variations On Dc And Rf Performance Of Enhancement-Mode Al _{0.15} Ga _{0.85} N/GaN/Al _{0.07} Ga _{0.93} N Mis-Hemt Device	Journal Of Electronic Materials
113	Boopathiraja K P , Dr.R.Ramamoorthi Dr.P.Hariprasad Dr.Felix Sahayaraj Arockiasamy	Enhancing Microstructural And Mechanical Properties Of Magnesium Az31 Matrix Composites Through Friction Stir Processing Incorporating Silicon Carbide, Titanium Carbide, And Graphite Particles	Materials Research Express
114	Kumaresan G , Raja T	Enhancement Of The Reactant Distribution And Power Density Of Pemfcs Using A Semicircular Trap Shape In The Flow-Field	Russian Journal Of Electrochemistry
115	Saranya S ,	Comprehensive Identification Of Costus Pictus Rhizome Extract As A Potent Plant Food: Unveiling Anti-Diabetic, Antimicrobial, Anticancer, And Anti-Inflammatory Properties	Plant Foods For Human Nutrition
116	Sasikumar C , Rangasamy Gukendran Mani Sambathkumar Murugesan Vijay Anand	Studies On Mechanical Behaviour Of Coconut Peduncle Fibers	Polymer
117	Sasikumar C ,	Benjamin Franklin Selvanayagam Shettahalli Mantaiah Vinu Kumar Ravichandran Arumugam Thangavel	Impact Of Nanoclay On Thermal, And Static And Dynamic Mechanical Properties Of Bamboo Fiber Reinforced Unsaturated Polyester Composites
118	Sankarananth S , E. Suganya S. Sountharajan K. Venkatesan	Multimodal Fusion And Cutting-Edge Ai-Based Smart Vending Machines For Electronic Component Management	Ieee Access
119	Prabha Devi D , Sivakumar K	Machine Learning Framework For Breast Cancer Detection With Feature Selection With L2 Ridge Regularization: Insights From Multiple Datasets	Journal Of Translational Genetics And Genomics
120	Gowrishankar L	Saraca Asoca Pods As Eco-Friendly Primary Packaging Materials For Selective Food Products	Biochemical And Cellular Archives

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121	Pradeep A D	Influence Of Heat Treatment On Metallurgical And Mechanical Properties Of Aluminium Al6061 Hybrid Metal Matrix Composites	Materials Testing
122	Maheswari K T	Comparative Evaluation Of Z Source / Quasi Z Source Direct And Indirect Matrix Converter For Pmg Based Weccs	Results In Engineering
124	Sureshkumar M , Murthy Arul	Optimising Mechanical Properties Of Epoxy Matrix Hybrid Composites Through Sic Filler Integration And Fiber Reinforcement: The Taguchi Approach	Cellulose Chemistry And Technology
125	Karthikeyan S	Enhanced Superpixel-Guided Resnet Framework With Optimized Deep-Weighted Averaging-Based Feature Fusion For Lung Cancer Detection In Histopathological Images	Diagnostics
126	Praveena R , Uddappanda Bopaiah Roy Sudhahar Dharmalingam Khanderao Rajaram Jadhav Neelesh Kumar Maurya	Design, Development And Examination Of Antibacterial Activity Of Herbal Preparations Including Methanolic Extract Of Samadera Indica For The Treatment Of Skin Disorders	Biochemical And Cellular Archives
127	Madheswaran S ,	Structural, Mechanical, And In-Vitro Characterization Of Hydroxyapatite Loaded Pla Composites	Journal Of Molecular Structure
128	Praveen Kumar D , T. Ayisha Naziba S. Karthikeyan S. Sriramajayam M. Djanaguiraman	Biomass Derived Biofluorescent Carbon Dots For Energy Applications: Current Progress And Prospects	Chemical Record
129	Ganesh Babu C , Dinesh Kumar J R Priyadharsini K M. Ramkumar	Hybrid Radix-16 Booth Encoding And Rounding-Based Approximate Karatsuba Multiplier For Fast Fourier Transform Computation In Biomedical Signal Processing Application	Integration-The Vlsi Journal
130	Harikumar R , Karthikamani R	Exploitation Of Bio-Inspired Classifiers For Performance Enhancement In Liver Cirrhosis Detection From Ultrasonic Images	Biomimetics
131	Vijayakumar V N , S Kavitha M Saravanakumar Sujay Chakravarty	Exploring Induced Smectic Phases Of Hydrogen Bond Liquid Crystals For Nonlinear Optical Applications: Theoretical (Dft) And Experimental Approach	Journal Of Molecular Structure

S.No.	Author(s)	Article Title	Journal Name
132	Prakash K B , Manoj Kumar P Saravanakumar Subramanian	Influence Of Different Melting Points Of Phase Change Material On Photovoltaic Phase Change Materials System Performance: An Energy, Exergy, And Environmental Point Of View	Energy Technology
133	Saraswathi C , Dr. A. Suhashini Dr. Aisha Banu Dr Balamurugan S	An Empirical Analysis Of Correlation Between Student Demographics, Learning Outcomes, And Blended Learning	Cahiers Magellanes-Ns
134	Gopi G , Muthamizh Selvamani Siva Vadivel Arunmetha Sundaramoorthy	A-Fe ₂ O ₃ /MoS ₂ Heterostructured Nanomaterial For Enhanced Visible-Light Photocatalytic Performance Under Sunlight Irradiation	Journal Of Materials Science-Materials In Electronics
135	Dhivya P , P.Nancy V Rajeshram G. Sathish Kumar	A Synergistic Framework For Histopathologic Cancer Detection Using Epicurve Search –Psb Model With Surrosec Optimizer	Biomedical Signal Processing And Control
136	Malathi Mahalingam , Mohan Palathurai Subramaniam	Aqueous Phosphate Detection In Real Samples Using Nir-Triggered Diamino Bis-Benzimidazoquinoline Fluorescence Sensor: An Experimental And Theoretical Approach	Chemical Physics Impact
137	Ashwin Raj S , Moni Philip Jacob Kizhakedathil	Isolation And Physiochemical Characterization Of Red Kidney Bean (Phaseolus Vulgaris L.) Starch	Research Journal Of Biotechnology
138	Vijayanand P S , G. Prabakaran J. Prabhu R. Karthick G. Velraj R. Nandhakumar	A Pyridine Naphthalene Conjugate: Esipt Based Molecular Chemosensor For Al ³⁺ Ions And Sequential Detection Of H ₂ PO ₄ ⁻ And Applications In Milk, Water Samples And Bio-Imaging	Journal Of Food Composition And Analysis
139	Jothimani S , Sathiskumar G	Gene-Based Predictive Modelling For Enhanced Detection Of Systemic Lupus Erythematosus Using Cnn-Based DI Algorithm	Diagnostics
140	Sannasi Chakravarthy S R , N. Bharanidharan V. Vinoth Kumar T. R. Mahesh	Intelligent Recognition Of Multimodal Human Activities For Personal Healthcare	Ieee Access
141	Perarasi T , Shoukath Ali K	Gaussian Mixture—Expectation Maximization—Based Learned Amp Network With Cnn Deep Residual Network For Millimeter Wave Communication	International Journal of Communication Systems

S.No.	Author(s)	Article Title	Journal Name
142	Ganesh Babu C , Dinesh Kumar Jayaraman Rajendiran, K. Priyadharsini S. P. Karthi	Certain Investigation On Hybrid Neural Network Method For Classification Of Ecg Signal With The Suitable A Fir Filter	Scientific Reports
143	Harikumar R ,	Performance Enhancement Of Classifiers Through Bio Inspired Feature Selection Methods For Early Detection Of Lung Cancer From Microarray Genes	Heliyon
144	Kavitha C , P. Prabhu G. Gokilakrishnan S. Hanish Anand	Comparative Analysis Of Tamarind Shell Biomass Powder And Roasted Chickpeas Powder In Kenaf Fiber Reinforced Vinyl Ester Composite	Biomass Conversion And Biorefinery
145	Vijayakumar V N , Sujay Chakravarty T. Chitravel V. Balasubramanian	Hydrogen Bond Thermotropic Ferroelectric Liquid Crystal Of Di-Tartaric Acid And 4-Heptyloxybenzoic Acid (1:1): Experimental And Density Functional Theory (Dft) Approach	Journal Of Molecular Structure
146	Sakthivel Murugan E , Shettahalli Mantaiah Vinu Kumar Jeyakumar Rengaraj	Evaluation Of Physico-Mechanical, Water Absorption And Thermal Properties Of Alstonia Macrophylla Fiber Reinforced Polypropylene Composites	Cellulose Chemistry And Technology
147	Rajesh Kanna P , V. Kumararaja	Enhancing Speech Emotion Detection With Windowed Long-Term Average Spectrum And Logistic-Rectified Linear Unit	Engineering Applications Of Artificial Intelligence
148	Kumaresan G ,	Pioneering And Innovative Strategies For Environmental Remediation, Sustainable Energy, And Advanced Farming Technology	Environmental Science And Pollution Research
149	Kumaresan G , Benjanim Franklin Selvanayagam Rajagopal Rangaraj Dominic Antonisamy	Exergoenvironmental Assessment Of A Solar Still Modified With The Evacuated Tube Heat Pipe Using Paraffin Wax	International Journal Of Exergy
150	Praveena R , Cheerlin Mishma J N Ginson P Joseph Balasubramanian V Muthu S	Unveiling The Molecular Insights Of 2-(Carboxymethyl) Benzoic Acid: A Density Functional Theory Approach Towards Structural And Biological Attributes	Journal Of Molecular Liquids
151	Subramaniyan C , R. Divyabharathi	Performance And Feasibility Study Of A Heat Pump With Modified Solar-Air Source Evaporator: Techno-Economic Analysis For Water Heating	International Communications In Heat And Mass Transfer

S.No.	Author(s)	Article Title	Journal Name
152	Ramya R , K. Deepika S. Sankar Ganesh D. J. Joel Devadass Daniel Shruti Bhargava Choubey B. Senthilkumar	Efficient Optimization Approach In Wsn Using Multicast Forwarding Scheme In 6lowpan Environment	Journal Of Electrical Systems
153	Uvaraja V C , Mahendran G Manoj Kumar S Hanish Anand	Effect Of Wheat Husk Biogenic Ceramic Si3n4 Addition On Mechanical, Wear And Flammability Behaviour Of Castor Sheath Fibre-Reinforced Epoxy Composite	Journal Of The Australian Ceramic Society
154	Harikumar R ,	Wavelet Feature Extraction And Bioinspired Feature Selection For The Prognosis Of Lung Cancer A Statistical Framework Analysis	Measurement
155	Revathi V M , Dr. Subramani K S. Krishnakumar Dr. R. Senthil Kumar Dr. Siva Ganesh Malla	A Modified Invasive Weed Optimization For Mppt Of Pv Based Water Pumping System Driven By Induction Motor	Engineering Research Express
156	Kalaiyarasi M , Gowri Shankar Manivannan Satish V. Talawar	Detection Of Alcoholic Eeg Signal Using Lasso Regression With Metaheuristics Algorithms Based Lstm And Enhanced Artificial Neural Network Classification Algorithms	Scientific Reports
157	Dinesh P S ,	Reliable Data Delivery And Load Balancing In Improved Energy Efficient Rpl Routing Protocol For Low Power And Lossy Networks	International Journal Of Communication Systems
158	Balakrishnaraja R ,	Comprehensive Identification Of costus Pictus Rhizome Extract As A Potent Plant Food: Unveiling Anti-Diabetic, Antimicrobial, Anticancer, And Anti- Inflammatory Properties	Plant Foods For Human Nutrition
159	Murali Krishnan M , Michael Rubraj Moorthiraman Murugan Yong Rok Lee	Chemosensor Material As A Metal- Organic Framework With Potassium- Based Perylene Tetracarboxylic Acid For Copper And Lead Detection	Journal Of Molecular Liquids
160	Subramaniyan C , R. Divyabharathi	Performance And Feasibility Study Of A Heat Pump With Modified Solar-Air Source Evaporator: Techno-Economic Analysis For Water Heating	International Communications In Heat And Mass Transfer
161	Ramya R , K. Deepika S. Sankar Ganesh D. J. Joel Devadass Daniel Shruti Bhargava Choubey B. Senthilkumar	Efficient Optimization Approach In Wsn Using Multicast Forwarding Scheme In 6lowpan Environment	Journal Of Electrical Systems
162	Uvaraja V C , Mahendran G Manoj Kumar S Hanish Anand	Effect Of Wheat Husk Biogenic Ceramic Si3n4 Addition On Mechanical, Wear And Flammability Behaviour Of Castor	Journal Of The Australian Ceramic Society

S.No.	Author(s)	Article Title	Journal Name
		Sheath Fibre-Reinforced Epoxy Composite	
163	Harikumar R,	Wavelet Feature Extraction And Bioinspired Feature Selection For The Prognosis Of Lung Cancer A Statistical Framework Analysis	Measurement
164	Revathi V M, Dr. Subramani K S. Krishnakumar Dr. R. Senthil Kumar Dr. Siva Ganesh Malla	A Modified Invasive Weed Optimization For Mppt Of Pv Based Water Pumping System Driven By Induction Motor	Engineering Research Express
165	Kalaiyarasi M, Gowri Shankar Manivannan Satish V. Talawar	Detection Of Alcoholic Eeg Signal Using Lasso Regression With Metaheuristics Algorithms Based Lstm And Enhanced Artificial Neural Network Classification Algorithms	Scientific Reports
166	Dinesh P S,	Reliable Data Delivery And Load Balancing In Improved Energy Efficient Rpl Routing Protocol For Low Power And Lossy Networks	International Journal Of Communication Systems
167	Balakrishnaraja R,	Comprehensive Identification Of costus Pictus Rhizome Extract As A Potent Plant Food: Unveiling Anti-Diabetic, Antimicrobial, Anticancer, And Anti-Inflammatory Properties	Plant Foods For Human Nutrition
168	Murali Krishnan M, Michael Rubyraraj Moorthiraman Murugan Yong Rok Lee	Chemosensor Material As A Metal-Organic Framework With Potassium-Based Perylene Tetracarboxylic Acid For Copper And Lead Detection	Journal Of Molecular Liquids
169	Kavitha C, Runjhun Pallavi Jannat UI Firdaus Khanderao Rajaram Jadhav Shiv Kumar Gupta	Development And Assessment Of A Chlorphenesin-Based Cream With Antifungal	Biochemical And Cellular Archives
170	Kumaresan G, M Ashokumar P Sureshkumar	Thermo Kinetic Behavior Of Closed Loop Pump Dryer With Different Chambers For Holy Basil Leaves Drying Applications: An Experimental Approach	Energy Sources, Part A: Recovery, Utilization, And Environmental Effects
171	Kumaresan G, Selvakumar P Kamal Sharma Suresh Muthusamy Mohd Asif Shah	Thermal Comfort Inside A Gable-Roofed Metallic Shed In A Higher Educational Institution: A Case Study And Detailed Analysis	International Journal Of Low-Carbon Technologies
172	Harikumar R, Dinesh Chellappan	Machine Learning Meets Meta-Heuristics: Bald Eagle Search Optimization And Red Deer Optimization For Feature Selection In Type II Diabetes Diagnosis	Bioengineering-Basel

S.No.	Author(s)	Article Title	Journal Name
173	Selvi S , R. Selvamani	Elastic Waves In A Pre-Stressed Layered Media	European Physical Journal-Special Topics
174	Deepa D , Divya Haridas Jyoti Singh Roopa Jayasingh K. C. Ramya Ankush D. Tharkar	Robust Phase Extraction From Complex Signals/Fringe Patterns For Optical Communications In 5g And Beyond Through Continuous Wavelet Ridge Technique	Internet Technology Letters
175	Preetha R , Keerthana S A Manivannan	Analysis Of Synchronization Problems In Delayed Neural Networks With Markovian Jumping Via Looped Functionals	European Physical Journal-Special Topics
176	Murali Krishnan M , Kuppusamy Murugavel	A Non-Toxic Inclusion Complexation Of Loxoprofen With Hydroxypropyl-B-Cyclodextrin For Complete Solubility And Anti-Inflammatory Efficacy	Journal Of Molecular Liquids
177	Harikumar R , Gowri Shankar Manivannan Rajanna S Satish V Talawar	Cardiovascular Disease Detection From Cardiac Arrhythmia Ecg Signals Using Artificial Intelligence Models With Hyperparameters Tuning Methodologies	Heliyon
178	Deepa Priya B S , P.Sivakumar M. Balasubramani R.Soundharya	Twitter Spam Drift Detection By Semi Supervised Learning Approach Using Yatsi Algorithm	International Journal Of System Assurance Engineering And Management
179	Bhuvanesh N , Venkatesh Chenrayan Kiran Shahapurkar M. C. Kiran	Leverage Of Aluminium Oxynitride On The Impact Resistance Of Kevlar-Impregnated Epoxy Composites: Experimental And Numerical Evaluation Under Low-Velocity Impact	Polymer Composites
180	Bharathi A , C Sai Varun	Quantum Secure Patient Login Credential System Using Blockchain For Electronic Health Record Sharing Framework	Scientific Reports
181	Parthasarathi P , G. Prabu Kanna Jagadeesh Kumar Priya Bhardwaj Yogesh Kumar	Optimized Deep Transfer Learning Techniques For Spine Fracture Detection Using Ct Scan Images	Multimedia Tools And Applications
182	Praveen V , S.Priyanka S.Shanthi A.Sarankumar	Data Fusion For Driver Drowsiness Recognition: A Multimodal Perspective	Egyptian Informatics Journal
183	Thulasimani T , Farhad F. Mehta Abhishek Bhattacharjee Raghvendra Sharma Niraj Gupta Ankur Srivastava D. Akiladevi Deepti Dwivedi	Preparation And Evaluation Of Famotidine-Loaded Solid Lipid Nanoparticles For Oral Drug Delivery	Biochemical And Cellular Archives

S.No.	Author(s)	Article Title	Journal Name
184	Harikumar R,	Coherent Feature Extraction With Swarm Intelligence Based Hybrid Adaboost Weighted Elm Classification For Snoring Sound Classification	Diagnostics
185	Gomathi R, S Gnanavel K E Narayana B Dhiyanesh	Acgan Adaptive Conditional Generative Adversarial Network Architecture Predicting Skin Lesion Using Collaboration Of Transfer Learning Models	Automatika
186	Kumaresan G, Vijayakumar P A Gokul Karthik R Vijay	Performance Optimization Of Pulsating Heat Pipe Integrated Compound Parabolic Solar Collector Using Hybrid Red Fox Optimizer Based Dnn (Dnn-Rdfx)	Solar Energy
187	Poongodi C, Boopathi Chettiagounder Sivakumar Sabapathy Dipak Kumar Dharmesh Dhabliya	Variational Autoencoders For Network Lifetime Enhancement In Wireless Sensors	Sensors
188	Siddharthan B, Dr.A.Kumaravel	Wear Behaviour Of Titanium Diboride And Zirconium Carbide Reinforced Lm13 Hybrid Composite For Automotive Applications	Materials Testing
189	Poongodi C, Dasappagounden Pudur Velusamy Soundari	An Efficient Hybrid Bat Swarm Optimization-Based Node Localization For Data Quality Improvement In Wireless Sensor Networks	International Journal Of Communication Systems
190	Anandha Babu G, S. Jayanthi Sundaresan Balakrishnan	Fabrication Of Free Standing Nano-SiO ₂ Incorporated Solid Polymer Electrolytes Based On Poly(Vinyl) Chloride	Ionics
191	Pradeep A D,	Effect Of Heat Treatment On Metallurgical And Mechanical Properties Of An Aluminium 6061 Hybrid Composite	Materiali In Tehnologije
192	Leeban Moses M, Saravana Kumar R Ramkumar K Shoukath Ali K	Tcad-Enabled Machine Learning Framework For Dc And Rf Performance Evaluation Of InGaAs Sub-Channel Dg-Hemts	Journal Of Engineering
193	Rajesh Kanna P, P. Santhi	An Enhanced Hybrid Intrusion Detection Using Mapreduce-Optimized Black Widow Convolutional Lstm Neural Networks	Wireless Personal Communications
194	Karthiga Shenbagam N, Raja Priya P Kannan V	Studies On Strength Aspect And Effective Use Of Medical Face Mask To Make A Sustainable Green Fiber Reinforced Concrete	Sigma Journal Of Engineering And Natural Sciences-Sigma

S.No.	Author(s)	Article Title	Journal Name
			Muhendislik Ve Fen Bilimleri Dergisi
195	Srinivasan M , Mouleeswaran Singanallur Kumaresan Garapati Satyanarayana Murthy Nagarajan Ramanathan Santhanakrishnan Karthikeyan Nithya Dorairajan	Metasurface Based Surface Plasmon Resonance (Spr) Biosensor For Cervical Cancer Detection With Behavior Prediction Using Machine Learning Optimization Based On Support Vector Regression	Plasmonics
196	Ramya P, Nirmala R Ariffa Begum Selvanayagi	Vlsi Implementation Of An Energy Efcient Color Image Compressor Using Improved Block Truncation Coding And Enhanced Golomb Rice Coding For Wireless Sensor Networks	Journal Of Supercomputing
197	Harikumar R, Sivamani Palanisamy	Leveraging Classifier Performance Using Heuristic Optimization For Detecting Cardiovascular Disease From Ppg Signals	Diagnostics
198	Praveen Kumar D, V. Karuppasamy Vikraman P. Subramanian S. Karthikeyan D. Ramesh	Carbon Molecular Sieves From Coconut Lealets Via Chemical Vapour Deposition: Process Optimization Using Box–Behnken Design	Biomass Conversion And Biorefinery
199	Balasamy K, Suganyadevi S	Multi-Dimensional Fuzzy Based Diabetic Retinopathy Detection In Retinal Images Through Deep Cnn Method	Multimedia Tools And Applications
200	Rishikesh N,	Integrated Pv Generation System With High Gain Converter And Chho-Flc Based Mppt Algorithm For Grid Integration	Electrical Engineering
201	Deepa D, D. Jagadeesan J. Jegan S. Siva Subramanian L. Kartheesan G. Asha	Multi-Level Security-Based Optimal Designs For Secure Game Communications	International Journal Of Modeling Simulation And Scientific Computing
202	Sasikumar C, Madhesan Pradeepkumar Thangaraj Jesudas Mani Narasimharajan	Evolutionary Optimization Of Wire Edm Process For The Surface Finish On A Magnesium Az91d Alloy Using An Ann And A Genetic Algorithm	Materiali In Tehnologije
203	Sasikumar C, Shettahalli M. Vinu Kumar Nallasivam Manikandaprabu Narayanan Babu	Prediction Of Torque In Drilling Woven Jute Fabric Reinforced Epoxy Composites Using The Adaptive Networkbased Fuzzy Inference System And Response Surface Methodology	Cellulose Chemistry And Technology
204	Sasikumar C, Shettahalli Mantaiah Vinu Kumar Rengaraj Jeyakumar Nallasivam Manikandaprabu	Experimental Investigation On Free Vibrational Damping And Drilling Behavior Of Flax Reinforced Epoxy Composites Using Adaptive Neuro Fuzzy Inference System	Cellulose Chemistry And Technology

S.No.	Author(s)	Article Title	Journal Name
205	Sasikumar C,	Numerical Studies On Aerodynamics Performance Of Modified Basebleed To Reduce Fuel Consumption In Squareback Cars	Journal Of Applied Fluid Mechanics
206	Ganesh Babu C, Dinesh Kumar Jayaraman Rajanedirani K. Priyadharsini	A Certain Examination On Heterogeneous Systolic Array (Hsa) Design For Deep Learning Accelerations With Low Power Computations	Sustainable Computing-Informatics & Systems
207	Subhapriya P, S Jenisha A Lakshmi Priya Dhanapal V	Optimization, Experimental And Theoretical Investigation Of Modified Guar-Gum And Poly (Acrylic Acid) Based Smart Hydrogel For Controlled Release Applications In The Agricultural Field	Materials Today Communications
208	Balasamy K, Seethalakshmi V	Hco-Rlf: Hybrid Classification Optimization Using Recurrent Learning And Fuzzy For Covid-19 Detection On Ct Images	Biomedical Signal Processing And Control
209	Subhapriya P, M. Sennappan V. Srinivasa Murthy K Gurushantha , Praveen C Ramamurthy B Hemavathi K. S. Anantharaju	Facile Synthesis Of Azines By Carboxylic Acid Esters As Catalyst And Facilitation Of Intersystem Crossing (Isc) In Azines By Azine Chromophore	Scientific Reports
210	Vijayakumar V N, M. Saravanakumar	Investigation On Induced Smectic Phases In Double Hydrogen Bond Liquid Crystal Complexes Derived From Aromatic Carboxylic Acids: Experimental And Quantum Chemical Approaches	Journal Of Molecular Liquids
211	Dhanalakshmi S, C. Gowri Shankar	A Low Power Design Using Finfet-Based 2n-N-2p Adiabatic Logic Based 4x4 And 8x8 Reduced Complexity Wallace Tree Multiplier	International Journal Of Electronics
212	Nataraj N, Rv Nataraj	Derived Multi-Objective Function For Latency Sensitive-Based Cloud Object Storage System Using Hybrid Heuristic Algorithm	Data & Knowledge Engineering
213	Kiruthiga R, Pavithra D Parameshwaran T Mani Deepak Choundhry Amrutha S Deepa T	Appllication Of Lstm Networks For Continuous Patient Monitoring And Anomaly Detection In Wearable Health Devices	Indian Journal Of Science And Technology
214	Senthilkumar G, N Jayakumar M Kumar	Investigation On Geometric, Dimensional Accuracy And Surface Roughness For 3d Printed Pla Via	Proceedings Of The Institution Of Mechanical Engineers

S.No.	Author(s)	Article Title	Journal Name
		Fused Deposition Modelling (Fdm) Process	Part E-Journal Of Process Mechanical Engineering
215	Harikumar R , Dinesh C	Generalizability Of Machine Learning Models For Diabetes Detection A Study With Nordic Islet Transplant And Pima Datasets	Scientific Reports
216	Thulasimani T , P. Rama Devi Shreyasi Zankhana Sheth M. Sandra Carmel Sophia Debashis Purohit Farhad F. Mehta Kamalesh Tripathi	Development Of In-Vitro Isradipine Fast Dissolving Tablets Using Direct Compression Method	Biochemical And Cellular Archives
217	Thulasimani T , Farhad F Mehta Sk. Raziya Gunosindhu Chakraborty Shailee Dewan Snigdha Rani Behera Avinash Kumar Vivekanand Mishra Bonige Kishore Babu	Nanofiber Encapsulation: Revolutionizing Biopharmaceutical Delivery Through Electrospinning	Biochemical And Cellular Archives
218	Viswanathan G , Abdul Hamid Malhan Nisha Job Ann Maria Francis Masthan Thamim S. K. Ashok Kumar Krishnan Thirumoorthy	Systematic Computational Approaches On Biosorption Of Fluoride On Chitin: Crossover From Conventional To Short And Strong Hydrogen Bonds	Acs Es&T Water
219	Vasudevan M , Jino Lawrence Mohanadhas Berlin Narayanan Natarajan	Numerical Analysis On The Fate And Transport Of Tio2 Nanoparticles	Science Of The Total Environment
220	Harikumar R , Divya R Vanathi P T	An Optimized Cardiac Risk Levels Classifier Based On Gmm With Min Max Model From Photoplethysmography Signals	The Scientific Temper
221	Subramaniyan C , V.V. Tyagi	Long-Term Thermal Behaviour Of Silver And Graphene Nanoparticle-Enhanced Phase Change Materials Under Accelerated Thermal Stress	Journal Of Energy Storage
222	Subramaniyan C , K. Chopra	Evaluating The Energy And Economic Performance Of Hybrid Photovoltaic Thermal System Integrated With Multiwalled Carbon Nanotubes Enhanced Phase Change Material	Materials Today Sustainability
23	Bharathi A , M Natarajan	Linear Block Cipher And Category Based Random Opposition Learning For Secured Electronic Health Record Sharing	Biomedical Signal Processing And Control
224	Ramachandra Raju K , Yaknesh S Rajamurugu N Beena Stanislaus Arputharaj	A Critical Review On The Performance And Microstructural Characteristics Of Materials Fabricated Through Friction	Journal Of Materials Research And Technology-Jmr&T

S.No.	Author(s)	Article Title	Journal Name
		Stir Additive Methods And Deposition Techniques	
225	Sivaraman P , P.U. Poornima K. Dhineshkumar Chunduri Kiran Kumar C S. Sumana M.V. Rama Sundari	Optimising Rooftop Photovoltaic Adoption In Urban Landscapes: A System Dynamics Approach For Sustainable Energy Transitions	Biomedical Signal Processing And Control
226	Ravi Kumar M , Harigaran Arumugam Balu Pandian Sivashankar Arumugam Silambarasan Rajendran Chander Prakash	Impact On Green Synthesised Al ₂ O ₃ Nanoparticles On Performance And Emission Properties As Biodiesel Operated Diesel Engine	Global Nest Journal
227	Subramaniyan C, R. Divyabharathi Jayant Giri	Harnessing Agro-Wastes For Sustainable Nanomaterials: The Promise Of Biofluorescent Carbon Dots	Environmental Progress & Sustainable Energy
228	Senthil Kumar K L , S. Santhoshkumar Kalil Rahiman M Manojkumar S	Optimization Of Process Parameters In Fabricating Aa6082/Nip Surface Composite Using Friction Stir Processing Technique	Materials Research Express
229	Ravi Kumar M , Vinayagamurthi Ponnusamy Suresh Subramanian Rajamurugan Govindasamy	Silicon Carbide Nanoparticle-Enabled Strengthening Of Aluminum And Copper Resistance Spot Welds	Materials Science
230	Kannan K P , Vs Lakshmi G Venkata Nagaraju Vinjavarapu L Anusha And Krupavaram B	A Cross-Sectional Descriptive Study Assessing Knowledge, Attitude And Practice About Malaria, The Mosquito And Antimalarial Drugs In A Rural Community	International Journal Of Mosquito Research
231	Srinivasan M , Niranjana Siddharthan Soman Shibu Garapati Satyanarayana Murthy Kandaswamy Vasudevan Karthikeyan Kalpanadevi Ganesan Vijayalakshmi Sekar	High Sensitivity Terahertz Biosensor Based On Graphene/Methylammonium Lead Halide Metasurface With Machine Learning-Enhanced Pathogen Detection	Plasmonics
232	Bhuvanesh N , Venkatesh Chenrayan Kiran Shahapurkar	Tensile, Flexural, And Fatigue Responses Of Lightweight Pumice-Reinforced Magnesium Composite: Experimentation Followed By An Analytical Modeling	Journal Of Engineering Materials And Technology- Transactions Of The Asme
233	Bharathi A , S Munaf A N Jayanthi	Fpga-Based Low - Light Image Enhancement Using Retinexalgorithm	Scientific Reports

S.No.	Author(s)	Article Title	Journal Name
		And Coarse- Grained Reconfigurable Architecture	
234	Murugan K , P Saranya D Viji B Dhiyanesh	Enhancing Machine Learning Model Efficiency Through Modified Lda Feature Reduction For Disease Diagnosis	Journal Of Applied Mathematics & Informatics
235	Dhivya P , S Vanithamani M Malini T Kanimozhi	Adaptive Edge-Guided Segmentation With Biftransnet For Gastrointestinal Tract Image Segmentation	Indian Journal Of Science And Technology
236	Karthiga M , Suganya E Sountharajan S Balamurugan Balusamy	Eeg Based Smart Emotion Recognition Using Meta Heuristic Optimization And Hybrid Deep Learning Techniques	Scientific Reports
237	Ramachandra Raju K , Yaknesh Sambath Rajamurugu Natarajan	Comparative Analysis Of Predictive Modeling Techniques For Mechanical Properties In Dissimilar Friction Stir Welding Of Aa6061 And Az31b	Journal Of Materials Engineering And Performance
238	Madheswaran S , Balaji Ayyanar	Hdpe/Hydroxyapatite/Zelite Composite – Characterization And In Vitro Cytotoxicity	Polimery
239	Bharathi A , Udaya Suriya Rajkumar D Sathiyaraj R Mohan D Vidyullatha Pellakuri	Enhanced Lion Swarm Optimization And Elliptic Curve Cryptography Scheme For Secure Cluster Head Selection And Malware Detection In Iot-Wsn	Scientific Reports
240	Nithya R , R Tino Merlin R. Karthick A. Aalan Babu G. Vennira Selvi D. Usha	Abnormal Events Detection Using Spatio-Temporal Saliency Descriptor And Fuzzy Representation Analysis	Scientific Reports
241	Kavitha C , K. Shunmugapriya M. Vetrivel Sezhan S Prabakaran	Investigation Of Thermal Aging Behaviour On Silane Treated White Fumed Silica/Glass Fiber Reinforced Vinyl Ester Composite	Silicon
242	Sudhahar S , R. Shanmugasundaram R. Jegadeesh Kumar B. Ashok	An Interleaved Converter Topology And Optimized Controller For Electric Vehicle Drive Utilizing Solar Photovoltaic System	Electrical Engineering
243	Ramasami S , Rajeswari M Vaduganathan D Pratheesh Raj P L	Advancements In Criminal Justice Technologies: Enhancing Prevention, Investigation, And Efficiency	Telematique
244	Vijayakumar V N , K. Sundaramahalingam M. Nandhinilakshmi	Tamarind Gum Based Magnesium Ion Conducting Polymer Membrane For Energy Storage Applications	International Journal Of Polymer Analysis And Characterization
245	Vijayakumar V N , P. Valarmathi	Thermal And Optical Characterization Of Hydrogen Bond Liquid Crystals: Experimental And DFT Approach	Molecular Crystals And Liquid Crystals

S.No.	Author(s)	Article Title	Journal Name
246	Subhapriya P , A. Lakshmi Priya S. Jenisha V. Dhanapal	Experimental And Theoretical Investigation Of Allylated Chitosan And Acrylic Acid-Based Smart Polymer Hydrogel For The Removal Of Brilliant Green From Aqueous Media	International Journal Of Biological Macromolecules
247	Selvakumar K , P Sasikumar S Karthikeyan J Arumugam	A Facile One-Step Route To Synthesize Of Novel Porous Reduced Graphene Oxide@Nickel Sulfide(Rgo@Ni3S2) Core Shell Nano Structures For High-Performance Supercapacitor Electrodes	Diamond And Related Materials
248	Chandraprabha K , Kanmani Palaniappan Devipriya Ananthavadivel Ushasukhanya Subramanian	Advancing IoT Security: A Comprehensive AI Based Trust Framework For Intrusion Detection	Peer-To-Peer Networking And Applications
249	Prakash K B , Rajamurugu Natarajan S. Yaknesh	Parametric Optimization Of Flow In A Solar Chimney Power Plant Under Variable Semi Elliptical Constraints	Scientific Reports
250	Tamilselvi S , N.M. Saravanakumar T. Prabha	A Computational Study On Anticarcinogenic Activity Of Secondary Metabolites In Salvia Rosmarinus Spenn. Against Skin Cancer	Annals Of Phytomedicine-An International Journal
251	Malathi Mahalingam , S.K. Periyasamy B. Selvakumar P. Krishnamoorthy K. Gayathri	Reactivity Of Some Hydroxy Acids By Benzimidazolium Fluorochromate	African Journal Of Biomedical Research
252	Deepa D , Rajan Natarajan Shanmugapriyan Kanagaraj Thangavel Palaniappan	Machinability Studies On Metal Additive Manufactured 316L Stainless Steel Using Electrochemical Machine	Journal Of Electrochemical Science And Engineering
253	Prabanand S C , Thaabal M S	Advanced Financial Security System Using Smart Contract In Private Ethereum Consortium Blockchain With Hybrid Optimization Strategy	Scientific Reports
254	Nandhini K M , Kumar C Magdalin Marry	Parameter Estimation Of Three-Diode Photovoltaic Model Using Reinforced Learning-Based Parrot Optimizer With An Adaptive Secant Method	Sustainability
255	Sathiyamurthi P , R. Mohandas P. Mahalakshmi S. Thenmalar R. Rajaganapathy	Enhancing IoT Security: Intelligent System Design With Machine Learning Framework	Deutsche Lebensmittel-Rundschau
256	Priya L , P Prabhu G Gokilakrishnan S Hanish Anand	Load Bearing Characterization Of Kenaf Fiber/Poly(Vinyl Ester) Composites Reinforced By Silanized Biomass Waste Tamarind Shell And Roasted Chickpeas Powder	Fibers And Polymers

S.No.	Author(s)	Article Title	Journal Name
257	Sadasivam K,	Exploring The Scavenging Potential Of Four Oh Flavone At Four Levels–A Comparative Dft Investigation	Doklady Physical Chemistry
258	Sathishkannan R, Vidhya P Subshini K Gayathiri S	Dynamic Network Slicing Based Resource Management And Service Aware Virtual Network Function (Vnf) Migration In 5g Networks	Computer Networks
259	Sathish V, S. Gurusamy M. Suresh Kumar M. Sankarganesh A. Mathavan	Luminescence Binding Of Biomolecules And Biological Activities Of Co(II), Ni (II), Cu(II) And Zn(II) Complexes With Diiodosalicylimine Schiff Base Ligand	Journal Of Molecular Structure
260	Pongali Sathya Prabu N, G.Chandrasekar	Exploring The Effect Of Optical And Thermal Stimuli Impinged On Hydrogen Bond Liquid Crystalline Soft Materials	Journal Of Molecular Liquids
261	Nijandhan K, R Muralikannan	The Effect Of Fiber Parameters And Surface Treatment In Caster Fiber-Reinforced Polyester Composites	International Journal Of Polymer Analysis And Characterization
262	Soundarya B,	A Novel Hybrid Feature Fusion Approach Using Handcrafted Features With Transfer Learning Model For Enhanced Skin Cancer Classification	Computers In Biology And Medicine
263	Vasudevan M, Jino Lowrence Narayanan Natarajan M Berlin Alagarsamy Vanav Kumar Swapnali Doley	Temporal Fractionation Models For Depicting Mass Transfer Limiting Conditions Of Multispecies Transport In Porous Media	Groundwater For Sustainable Development
264	Maheswari K T, N. Karthikeyan K. A. Vijayalakshmi	Green Plasma Technology For Converting Agricultural Residues Into High-Performance Activated Carbon For Energy Devices	Chemistryselect
265	Sathishkumar C, Natarajan N	Vehicle Battery Thermal Management With Exergy Considerations Using A Hybrid Sho-Drcnn Approach For Liquid Cooling	
266	Perarasi T, Deepika Rani Sona	Constitutive Artificial Neural Network-Based Routing For Efficient Data Transmission In Wireless Sensor Networks	IETE Journal Of Research
267	Sathishkannan R, Vidhya P Subshini K Gayathiri S	Dynamic Network Slicing Based Resource Management And Service Aware Virtual Network Function (Vnf) Migration In 5g Networks	Computer Networks
268	Ramakrishnan A	Effect Of Welding Parameters On Mechanical And Microstructural Properties Of Cold Metal Transfer-Welded Thin Sheet Aisi 301In Stainless Steel	Materiali In Tehnologije
269	Muthukumar P, Karmegam Muthukrishnan B Joel Baskar Bharathi Sinduja Mathur Gopalakrishnan Sethuraman	Revealing The Influence Of Chain Length Of Alkyldiamine Linkers On The Effective Attachment Of Graphene On A Glassy Carbon Electrode For Sensitive Detection Of Nitrobenzene	Colloids And Surfaces A-Physicochemical And Engineering Aspects

S.No.	Author(s)	Article Title	Journal Name
270	Madheswaran S,	Sandwich Printing Of PLA And Carbon Fiber Reinforced-PLA For Enhancing Tensile And Impact Strength Of Additive Manufactured Parts	Journal Of Manufacturing Processes
271	Deepa D, Annamalai P Karthikeyan S Palanisamy D	Studies On Machining Of Metal Matrix Composites Using Electrochemical Machine	High Temperature Material Processes
272	Pavithra Mks	Management Of Agave Amica L (Nela-Sampangi) Floral Waste By Conversion To Value-Added Products	Biochemical And Cellular Archives
273	Saranya N, Kalamani M	An Improved Multiclass Classification Of Acute Lymphocytic Leukemia Using Enhanced Glowworm Swarm Optimization	Scientific Reports
274	Parthasarathi P,	Variational Quantum Classifier-Based Early Identification And Classification Of Chronic Kidney Disease Using Sparse Autoencoder And Lasso Shrinkage	Peerj Computer Science
275	Ashwin Raj S	Investigations On Hybrid Pretreatment Techniques For Sustainable Production Of Bioethanol Utilizing Macroalgae	Biochemical And Cellular Archives
276	Sathiyamurthi P, P. Sampath A. Jackulin Mahariba S. Sridharan	Supply Chain Planning Of Agricultural-Products Under Water Scarcity Using Deep Learning	Iranian Journal Of Science And Technology-Transactions Of Civil Engineering
277	Pavithra Mks, Sinduja Malarkodi Elangovan	Fabrication Of Gracilaria Ferric Oxide Nanoparticles For One Regeneration	Biochemical And Cellular Archives
278	Kodieswari A, Kalamani Chinnappa Gounder Mythrayee D Kodieswari A Saravanakumar C	Enhancing Information Security And Fault Coverage In Bist With Non-Linear Register Updation	Information Security Journal
279	Tamilselvi S,	Investigating The Effect Of Abiotic Stress In Rosemary Plant To Enrich Commercially Valuable Bioactive Components	Biochemical And Cellular Archives
280	Balakrishnaraja R, S. Sudheer Khan	Stabilize The Oxygen Vacancies In ZnO Via Altering Local Electronic Structure By Co And Ni Doping: A Novel Strategy For Achieving Durable Visible Light Driven Photo-Fenton Degradation Of Chloramphenicol	Colloids And Surfaces A-Physicochemical And Engineering Aspects
281	SwathyPriyadharsini P, Rupashini P R	Feature Selection For Classification Based On Machine Learning Algorithms For Prostate Cancer	Biomedical Physics & Engineering Express
282	Sakthishobana K, Vimalraj Vinayagam Malathi Balasubramaniyan	Development Of Millet Based Revitalizing Energy Beverage Fortified With Mushroom Extract For Enhanced Nutritional Properties	Biochemical And Cellular Archives
283	Arunasree Tna, Sneha R G	Preservation Of Beverages By Non-Thermal Technologies	Biochemical And Cellular Archives

S.No.	Author(s)	Article Title	Journal Name
284	Subramaniyan C,	Investigation On Performance Enhancement Of A Novel Solar Still Using Metallic Fins: An Experimental And 5E Analysis	Clean Technologies And Environmental Policy
285	Malathi M, Nethravathi TI S. Aravindh	Fault Detection In Transmission Lines Via Transfer Functions Based On Multi-Agent Reinforcement Learning	.Ieee 3rd International Conference On Integrated Circuits And Communication Systems (Icicacs-2025)
286	Saranya S, Dr. Dinkar B Kamble	Optimization Of The Extraction Methods Of Costus Pictus Rhizomes For A Phytochemical-Enriched Antioxidant Extract Utilizing Response Surface Methodology And Artificial Neural Network	Chemical Papers
287	Malathi M, D. Saraswathi A. Murugavel Shanmuga Priya S. Gourav Kalra	1. Leveraging Gbm- Xg Boost For Enhanced Skill Based Job Role Recommendation Systems	2024 Eighth International Conference On Parallel, Distributed And Grid Computing (Pdgc)
288	Umamageswari D, B. Jothilakshmi R. Brindha T. Aasaithambi S.Sowmiya S. Krishnaveni	Investigating Stable Fixed Point Theorems For Weakly Compatible Mappings In Complete Intuitionistic Fuzzy Metric Spaces	Deutsche Lebensmittel-Rundschau
289	Balakrishnaraja R, Veerapandi Loganathan J Deepa Punit Singh Rustagi Sarvesh G Jeevarathinam	Optimization And Characterization Of Microwave-Assisted Extraction Of Polyphenols And Antioxidant Compounds From Pithecellobium Dulce Leaves: Response Surface Methodology And Artificial Neural Network Approach	Separation Science Plus
290	Pousia S, Manjith R	Investigation Of Adroit Static RAM Using Power Optimization Scheme For Handheld Applications	Iete Journal Of Research
291	Ganagavalli K, Dr. Santhi V	Temporal Attention–Based Hybrid Neural Network Model For Human Behavior Analysis In Video Surveillance	Journal Of Electronic Imaging
292	Arun Jayakar S, V. Saravanan M. Arthy S. Suganya T. Archana M. Thirumalai	Hierarchical Znco ₂ O ₄ /Mos ₂ @Rgo Nanocomposite On Nickel Foam: A Promising Electrode For Advanced Energy Storage	Ionics
293	Vijayakumar V N, K. Sundaramahalingam D. Vanitha	Preparation And Characterization Of Magnesium Ion Conducting Green Solid Polymer Electrolyte Using Tamarind Gum For Electrochemical Cell Applications.	Ionics

S.No.	Author(s)	Article Title	Journal Name
294	Ravi Kumar M , Sivashankar Arumugam Ratchagaraja Dhairiyasamy Silambarasan Rajendran	Investigation Of Biodiesel Blends And Hydrogen Addition Effects On Ci Engine Characteristics Through Statistical Analysis	International Journal Of Hydrogen Energy
295	Malathi M , Chennaiah Kate Arvind Tudigani Sarala Raghavendra A. Lizy Lalit Johari	Discrete Hopfield Neural Network Model For Secure Electrical Routing In Vanets To Avoid Blackhole Attacks	International Conference On Intelligent Computing And Control Systems
296	Prakash K , K. Syed Kousar Niasi M. Krishna Kumar P. Murugesan	Scalable Named Entity Recognition In Social Media Using Bi-MEMM In A Distributed Environment	Cmes-Computer Modeling In Engineering & Sciences
297	Perarasi T , Deepika Rani	Optimal Hybrid Quantum-Classical Convolutional Neural Network For Efficient 5G Network Slicing	Iete Journal Of Research
298	Uvaraja V C , Sandeep V. Binorkar Gajanan R. Parlikar Runjhun Pallavi Renuka Jyothi S. Raj K. Keservani Kale Ramdas N Haleshappa R.	Evaluation Of Mt-Liver Protective And Antioxidant Effects Of Red Algae	Biomass Conversion And Biorefinery

Publications- Scopus

S.No.	Author(s)	Article Title	Journal Name
1	D Persiya, Sam Shylu, Paul Sam, Jayanthi D, Nivetha G F	Differential Voltage Controlled Ring VCO with no Feedback Loop Technique for Radio Frequency Applications	International Conference on Devices, Circuits and Systems
2	B Kalidasan, A K Pandey, Reji Kumar Rajamony, Subramaniyan C , D Buddhi	Numerical Investigation on Thermal Conductivity of Metal Nano Particle Dispersed Composite Phase Change Materials	Malaysian Journal of Chemistry
3	T Gowri, R Mithra, C Shobana Nageswari, S Yuvaraj, Sathiyamurthi J , Glory E	Energy-Synchronized Operation Frequency Management Technique for Internet of Things (IOT)-Based Health Monitoring Systems	IEEE Access
4	Nivetha G , Persiya Gnana Golda D, S Percy Deborah, Suji Sharon J, D S Shylu Sam, P Sam Paul, D Jayanthi, Ansia Liji K S	Verification of UART Using AHB VIP With Maximum Coverage	International Conference on Devices, Circuits and Systems

5	Deepa Bharathi, Ramya Palanisamy , Leeban Moses, Karthikeyan Shanmugam, Nirmala Rangasamy	Smart Detection and Repulsive System for Animal Intrusion	AIP Conference Proceedings
6	Bharathi Kalidass A, Devibala Ravichandran B, Balaji Ravichandran A, Mr Yogeshkumar A, Malathi Mahalingam , Jeyavel Karthick P A, Dinesh Kumar Lakshmanan A	Chemical Profiling And In-Silico Prediction of Bioactive Compounds from Wrightii Tinctoria R.BR to Treat Psoriasis Arthritis	Pharmacological Research
7	Raj K Keservani, Praveena R , Pawar Shubham Vijay, Ritismita Devi, Sunita Waila Tiwari, Virendra Kumar Patel, Guru Prasad V, Nazim Uddin	Insilico Efficacy of Quercetin as a Therapeutic Potential for Colorectal Cancer	African Journal of Biological Sciences (South Africa)
8	M R Mano Jemila, Pushpalatha K S, Mithuna H R, Supriya C, K T Maheswari , Rajendiran M	A Novel Strategy to Estimate and Manage the Power Consumption of Household Appliances	IEEE Access
9	Purushothaman Janaki Ramal, Syed Nawab Syed Althaf , Kannan Vishnulakshmi, Palaniselvan Sundaravadivel, Rajesh Kumar Dhandap	A Compact Wide-Band Circular Slot Quad-Port MIMO Antenna for 5G Wireless Applications	Progress in Electromagnetic Research
10	N Natarajan, Vasudevan M , A Venkatesh	A Simple Computer Code for Result Analysis of University Graduates	Journal of Engineering Education Transformations
11	Deepan Kumar S , V Arun Raj, Vishnu Ramesh Kumar R, R Manojkumar	Deep Learning Approach for Optimum Power Management Using IOT in EV Battery Management System	SAE Technical Papers
12	P Kanaga Priya, P Kirupa, P Thilakaveni, Nisha Devi K , M Mahabooba, S Jayachitra	Deepricetransfer: Exploiting CNN Transfer Learning for Effective Rice Variety Classification	International Conference on Social and Sustainable Innovations in Technology and Engineering
13	P Kanaga Priya, M S Vinu, S V Jeevitha , N Rathina Kumar, N Kanimozhi, S Jayachitra	Augmented Insights: A Qualified Evaluation of Deep Learning Representations for Enhancing Banana Leaf Spot Disease Detection	International Conference on Social and Sustainable Innovations in Technology and Engineering
14	Prithi Samuel, Eugene Berna I , Arun Kumar, A K Reshmy, Swaroop Kadaba Sriraj, Yanda Saketh	A Hybrid Solution for Summarizing Diverse Medical Texts in the Health Domain	International Conference on Communication, Computer Sciences and Engineering

15	A Rosi, S Remya Rose, C Arul Murugan, E Balamurugan , M Sangeetha Priya, K S Lalitha	Automated Gesture Recognition Using Deep Learning Model for Visually Challenged People	International Conference on Advances in Computing, Communication and Applied Informatics
16	Tamilselvi S , Venintha S J S, Saravana Kumar N M, Varunsarvesh K S, Hariharan M, Praveen Kumar P	Validation of Therapeutic Efficacy of Polyherbal Formulations Using Computational Approach for type II Diabetes Mellitus	African Journal of Biological Sciences (South Africa)
17	Kannan K P , Pavithra M K S	Screening of Endophytic Fungi for Biomolecules with Special Reference to TAXOL - An Anti Cancer Drug	Journal of Technology
18	J Manjunathan, P K Ananthakumar, S Shyamala Gowri, M K S Pavithra , Sowmya Hari, Archana Behera, Mukesh Kumar Dharmalingam Jothinathan	Exploring The Antioxidant Potentials of Syzygium Cumini (L) Skeels: A Comparative Study of Bark and Leaf Extracts	Community Practitioner
19	Pavithra M K S, Kannan K P	Characterization and Exploring Genetic Potential of Landraces from Western Ghats of Sathyamangalam with Special Emphasis on Phytochemical Content for Benefaction of Evolvulus Alsinoides (LINN)	African Journal of Biological Sciences (South Africa)
20	Shaik Neelufar Shama, S Radha, Kannan K P , Prabin Kumar Mishal, K R Prasanna, Suvarnalakshmi Gunturu, Harika Balya, Nagendra Prasad Kosuri, Santanu Kumar Hotta, G Venkata Nagaraju	Pharmaceutical Assessment and Pharmacological Evaluation of Chia Seed Extract-Aloe Vera Transemulgel	African Journal of Biological Sciences (South Africa)
21	Raj K Keservani, Sailekhya K, V Deepha , Sravani Boyapati, Vijay B Lambole, Prasad Laxman Gorde, Vandana Vishnu Shirsath, Heera Battu	Optimizing Lipid-Based Nanocarriers for The Safe and Efficient Oral Delivery of Tizanidine Hydrochloride	African Journal of Biological Sciences (South Africa)
22	Mohamed Kasim Sheit H, K S Mohan, S Berbeth Mary, Subhapiya P , Sivanantham N, Perumal Asaithambi, Durga Prasad Pabba, P Sakthivel, Arun Thirumurugan	Assessing the Anti-Corrosive Properties of 2,6-Bis-Furan-2 Ylmethylene-Cyclohexanone as A Carbon Steel Inhibitor in 0.5m HCL Solution	Journal of Molecular Structure
23	Praveena R , Mitali Danu, Jeevan M, Ghormade, Shalini K S, Vijay Dhondiram Wagh, Suhas Narayan Sakarkar, Bhavesh Akbari, Nazim Uddin	Developing and Analyzing Polymeric Microparticles with Agomelatineloaded Mesoporous Silica Nanoparticles for Controlled Drug Delivery	African Journal of Biological Sciences (South Africa)

24	Haymaa Hussein Nowfal, Vijaya Bhaskar Sadu, Sudhakar Sengan, Rajeshkumar G , Anjaneyulu Naik R, Sreekanth K	Genetic Algorithms for Optimized Selection of Biodegradable Polymers in Sustainable Manufacturing Processes	Journal of Machine and Computing
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27	B Amarnath Reddy, Sunil Kumar Bharti, S. Kaliappan, A. Vignesh, Nitin Girdharwal, Magesh Kumar B	An Efficient Method for Strategic Human Resource Management Based on Bert-Bilstm and Siamese Approach	International Conference on Electronics, Computing, Communication and Control Technology
28	Sweta Sharma, Netala Kavitha, Navdeep Dhaliwal, B Rajalakshmi, Ippa Sumalatha, R Kavitha	Fraud Identification in Financial Transactions: Machine Learning- Based Anomaly Detection Method	International Conference on Communication, Computer Sciences and Engineering
29	Shaymaa Hussein Nowfal, Vijaya Bhaskar Sadu, Sudhakar Sengan, Rajeshkumar G , Anjaneyulu Naik R, Sreekanth K	Genetic Algorithms for Optimized Selection of Biodegradable Polymers in Sustainable Manufacturing Processes	Journal of Machine and Computing
30	Subbulakshmi T, Sathya Rubavathi K, R S Soundariya , Shruti V M, Rangaiah J, Shrikant Sarjerao Bobade	Prediction of Flexural Strength of 3D Printed Concrete by Using Artificial Intelligence and Machine Learning Techniques	African Journal of Biological Sciences (South Africa)
31	Ravivarman Shanmugasundaram, Manojkumar P , Sreedhar J, Mallesh M, Jayraj Chanv	Simulation of Hybrid Boost Converter with Reduced Switch Stress for PV Systems	International Conference on Sustainable Green Energy Technologies
32	Jayakumar K, Sivakami K, Logamurthy P, Sathiyamurthi P , N Chandrasekaran	Development of a Cryptographic Model Using Digits Classification for Cyber Security Applications	Journal of Cybersecurity and Information Management
33	Arulmurugan L , Sangeeta Thakur, R Dayana, S Thenappan, Banavath Nagesh R, Kalaivani Sri	Advancing Security: Exploring AI-Driven Data Encryption Solutions for Wireless Sensor Networks	Bulletin of Electrical Engineering and Informatics
34	R Anto Pravin, Murugan K , Thiripurasundari C, Prasanna Ranjith Christodoss, R Puviarasi, Syed Ismail Abdul Lathif	Stochastic Cluster Head Selection Model for Energy Balancing in IOT Enabled Heterogeneous WSN	Measurement: Sensors
35	Sannasi Chakravarthy , N Bharanidharan, Surbhi Bhatia Khan, V Vinoth Kumar, T R Mahesh, Ahlam Almusharraf	Multi-Class Breast Cancer Classification Using CNN Features Hybridization	International Journal of Computational Intelligence Systems

36	K R Priya Dharshini, R Kalaivani, K P Sampooram , P Logamurthy, S Raguigandhi, S V Vishal	Analysis on Modulation and Demodulation Techniques for Visible Light Communication	International Conference on Innovative Trends in Information Technology
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39	Perarasi T , Shoukath Ali, M Leeban Moses	Software Defined Optical Wireless Network with AI	Signals and Communication Technology
40	Subrata Das , Shanmuga Priya V	Application of Camellia Sinensis on Ramie Fabric for UV Protective Finish	Asian Dyer
41	Mohan Bharathi C , Kandha Vadivu P, Udaya Krithika S M, Mani K	Testing Lubrication Properties of CAC Treated and Non-Treated Denim Fabric Samples	Asian Dyer
42	Aruna R, P Manjula Devi, D Arul Suresh, M Pandiyan , S Sathya, K Geetha	Deep Learning Based Advanced Image Recognition in Autonomous Vehicles in Industry 4.0	International Conference on Applied Artificial Intelligence and Computing
43	Saranya S, B Channarayapriya, U Harshavardhini, A Sunitha Nandhini, J Revathi, R Venkatesan	Development of Virtual Reality Platform Through Human Computer Interaction Using Artificial Intelligence	International Conference on Applied Artificial Intelligence and Computing
44	Neelima Priyanka Nutulapati, Sudhakar Reddy, A Thangam, Ullal Akshatha Nayak, Dhivya Ramasamy, Thulasimani T	Exploring Applied Nonlinear Analysis and Machine Learning in the Evolution of Block Chain Technology	Communications on Applied Nonlinear Analysis
45	Ashokkumar N, Haritha Pothala, Eswar Parimi, Kumar P, Prakash S, Raghunath M	IOT - Enabled VLC Industry Automation System: Harnessing Node MCU Micro Controller for Streamlined Control and Communication	International Conference on Intelligent Systems for Cybersecurity
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48	C Rajanandhini, Eugene Berna I , N Megala, R Chandrasekaran, J Begam, A Atheeswaran	Revolutionizing Cardiovascular Diagnostics: Advancements in Heart Disease Identification Through Multi Modal Data Fusion and Deep Learning CNN Algorithm	International Conference on Knowledge Engineering and Communication Systems
49	Vijayanand P S , C Mahil loo Christopher, J Jeba Jenkin, S Jagan, A Jayaraman	Development of Zero Emission Formaldehyde Plywood as an ECO - Friendly Plywood for Safer Air	African Journal of Biological Sciences (South Africa)
50	P Pakutharivu, P Mahalakshmi, B P Saoji, A Padmashree , R Thiagarajan, S Arun	liothrt: Experimental Analysis of Heart Rate Tracking Methodology Using Intelligent Sensors and Internet of Things Assistance	International Conference on Advances in Information Technology
51	Atheeswaran Athiraja, Maheshkumar K , Jayareka K S, Janani B, Lakshmanan K, Palanisamy Sobiya	Deep Learning - Based Diagnosis of Rice Sheath Rot Disease: A Wavelet - Filtered Approach for Feature Extraction and Analysis	International Conference on Knowledge Engineering and Communication Systems
52	Nagaraj Doddam, Jose P, J Nithisha, P Lingeswari, Shruti Bhargava Choubey, Dinesh P S	Jamming - Resilient Communication for Industrial IOT Systems Using Chaotic Oscillators and Physical Unclonable Functions	International Journal of Intelligent Systems and Applications in Engineering
53	P Parthasarathi , M Mary Victoria Florence, D Yuvaraj, S Siamala Devi, Nivedha S, K Selvakumarasamy	Soil Nutrient Composition and PH Balance Persistence Through Deep Knowledge with IOT	Journal of Computational Analysis and Applications
54	Parthasarathi P , M Mary Victoria Florence, Mettu Jhansi Rani, Nivedha S, S Siamala Devi, K Selvakumarasamy	Implementing and Evaluating Differentiated Skin Disease Employing Image Categorization Using the Major Deep Network Technique	Journal of Computational Analysis and Applications
55	Subharathna N , R Mariaamutha, P Sandhiyadevi	Decoding Handwritten Characters Using Convolutional Neural Networks (CNNS)	International Conference on Sustainable Computing and Smart Systems
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57	Kavitha K, V Saravana Kumar, Bhoopathy V, Dhanalakshmi S , Ahmed Syed, Valarmathi N	Lung Cancer Detection Using Regularized Extreme Learning Machine and PCA Features	Journal of Computer Science
58	S R Sannasi Chakravarthy , N Bharanidharan, C Vinothini, Venkatesan Vinoth Kumar, T. R. Mahesh, Suresh Guluwadi	Adaptive Mish Activation and Ranger Optimizer - Based Sea- Resnet 50 Model With Explainable AI for Multiclass Classification of Covid-19 Chest X-Ray Images	BMC Medical Imaging

59	N Kanthimathi , V Vakula, P Anitha, K Vijaipriya, C Sasikala, G Sudhakar	Library Attendance System Using YOLOV 5 Faces Recognition in Deep Learning	Journal of Chemical Health Risks
60	Gopalakrishnan Soundarya, Jayabalan Sam Suresh, Chinnaswamy Sivamani, Doraiswamy Vedha Vinodha, Pushpavalli M , Ganesan Vijayakumari, Athappan Senthilkumar	DMS, CSRR and DGS Loaded HMSIW Dual - Band Filter with Closely Set Apart Passband	Progress in Electromagnetics Research C
61	P Parthasarathi , M Mary Victoria Florence, D Yuvaraj, S Siamala Devi, Nivedha S, K Selvakumarasamy	Soil Nutrient Composition and PH Balance Persistence Through Deep Knowledge with IOT	Journal of Computational Analysis and Applications (JoCAAA)
62	T Siva, A Dyson Bruno, D Hepsiba, L D Vijay Anand, S Ram, Priya L	Role of IOT in Characterization and Material Properties of Synthesis of Chromel Composite	Interactions
63	Parthasarathi P , M Mary Victoria Florence, Mettu Jhansi Rani, Nivedha S, S Siamala Devi, K Selvakumarasamy	Implementing and Evaluating Differentiated Skin Disease Employing Image Categorization Using the Major Deep Network Technique	Journal of Computational Analysis and Applications (JoCAAA)
64	K Meenambika, A P Saravanan, M S Vijayaraj, R Poongodi, Indirani C	Exploring the Link Between Smartphone Habits and Student Outcomes: An Analytical Study Employing One Way Anova and Chi - Square Analysis	African Journal of Biological Sciences (South Africa)
65	Purnendu Bikash Acharjee, G Purushothaman, Bindu Kolappa Pillai Vijayammal, Vijay Kumar Dwivedi, Shuchi Gupta, Akalyadevi K	Nonlinear Dynamics in Distributed Ledger Block Chain and Analysis Using Statistical Perspective	Communications on Applied Nonlinear Analysis
66	Sivakumar Aswathappa, Dai Lidong, S A Martin Britto Dhas, Raju Suresh Kumar, Vasanthi Thangavel, Vijayakumar V N	Assessment of Acoustic Shock Wave Resistance of SiO ₂ (A-Cristobalite): A Potential Material for Aerospace and Defense Industry Applications	Ceramics International
67	Jebamony Jesbin Jebarshia, Ashokan S , Senthil Kalphana	Enhanced Electron-Accepting Characteristics in Polyaniline, Tungsten and Polymer Nanomaterials	Brazilian Journal of Physics
68	Vasudevan M , Pandiyan Balaganesh, Sanchu Sukumaran, Jayaraman A, Geethamani R, Ranjitham M, Natarajan N	AHP - Based Impact Assessment Methodology for Selecting Land Application Strategies for Biochar Amended Sewage - Based Compost	Journal of the Institution of Engineers (India): Series A

69	Uvaraja V C , Raj K, Keservani, Neelesh Kumar Maurya, Balaji Pendakur, Shakeel Ahmed Adhoni	Formulation and Development of Gel with Essential Oils and Effect of Polymer on Their Antimicrobial Activity	Biochemical Journal
70	Subbulakshmi M , Ahila A, Mohamed Ali E A, Isai Vani M	Innovations in Bioimaging: Using Convolutional Neural Network and Fully Convolutional Network in Biological Sciences	African Journal of Biological Sciences (South Africa)
71	Sowmyayani S, Vivek V, Arulpandy P, Tamilselvi S	Frame Differencing Based Temporal Feature Extraction in Human Action Recognition	Journal of Computational Analysis and Applications
72	Saroj Yadav, Kamal Kishor Upadhyay, Praveena R , Senthil Rajan Dharmalingam, Nasreen Sulthana, Amit Kumar Singh, Sudhahar Dharmalingam, Raj Keservani K	Formulation, Evaluation and in Vitro Antifungal Assessment of a Topical Preparation Using Leaf Extract from TRIDAX Procumbens L	Revista Electronica DE Veterinaria
73	Koppula Vijaya Kumar, Birundadevi M, Ramprathap K, Parthasarathi P , Nageswaran A, Balajee R M	Climate Change and Food Security Management - Based Urban Health Care Systems Using Artificial Intelligence Techniques	Remote Sensing in Earth Systems Sciences
74	Priya Dharshini K R, Kalaivani R, Jayasanthi M, Niji P S, Sampoornam K P	Plant Disease Identification Using Deep Learning	Nanotechnology Perceptions
75	Manthan S, Manavadaria, Sasikala D , Rajasree, Rajamohanam, Vikram Madhukar Agone, Charles Babu G, Niji P S	Automated Detection and Alerting System for Wheat Leaf Diseases Using the VGG 16 Deep Learning Model	International Conference on Data Science and Network Security
76	Ramya R, Pidatala Raviteja, Mohammdha Hussainim, Anantha Saravanan N, Kavin K S, Rishikesh N	Z Source Integrated Sepic Converter with Fuzzy Control for Grid Connected PV System	IEEE International Conference on Circuit Power and Computing Technologies
77	Sannasi Chakravarthy , Bharanidharan Nagarajan, Surbhi Bhatia Khan, Vinoth Kumar Venkatesan, Mahesh Thyluru Ramakrishna, Ahlam Al Musharraf, Khursheed Aurungzeb	Spatial Attention Integrated Efficient Net Architecture for Breast Cancer Classification with Explainable AI	Computers, Materials and Continua
78	S Priyalatha, D Vasanth Kumar, V Thirumurugan	Biodegradable Nano Composites for Enhanced Water Absorption Using Bio - Based Superabsorbent Polymers	Asian Dyer

79	Santhosh Krishna B V, Kiran Mai, Aswini S, Biju J , Mohanraj S, Kaliappans	Machine Learning Based Human Stress Detection Through Sleep Patterns	International Conference on Smart Electronics and Communication
80	Muthumeena S , Priya L, Vishnu Priya M R	Deep Learning Framework for Cardiovascular Disease Prediction Using ECG Images	International Conference on Emerging Trends and Technologies on Intelligent Systems
81	Sathish Dhandapani, Thirunavukkarasu Raja, Veeramanikandan M, Jegadheeswaran S , Vijayakumar R	Comprehensive Review on Evolution, Progression, Design and Exploration of Electric Bicycle	Archives of Automotive Engineering
82	Saranya P, K Sundaramahalingam, D Vanitha, M Nandhinilakshmi, V N Vijayakumar	High Performance ECO - Friendly Tamarind Gum 'Based Bio Polymer Electrolytes for Electric Double' Layer Capacitor Application	International Journal of Minerals, Metallurgy and Materials
83	Saranya P, D Vanitha, K Sundaramahalingam, M Nandhinilakshmi, Vijayakumar V N , N Nallamuthu	Performance Analysis of Electrochemical Cell Using Magnesium - Doped Tamarind Gum Polymer Electrolyte	Journal of Materials Science: Materials in Electronics
84	Pushpavalli M , Jothi B, Buvaneswari B, Srinitya G, Prabu S	Energy - Efficient and Location - Aware IOT and WSN - Based Precision Agricultural frame Works	International Journal of Computational and Experimental Science and Engineering
85	Ankita Mitra, K Sridar, Rathna S , Rini Chowdhury, Prashant Kumar, Glory E	Optimizing Brain Tumor MRI Classification Using Modified VGG16 Model	International Conference on Intelligent Algorithms Computational Intelligence Systems
86	Sundaram S , Pongali Sathya Prabu N	Theoretical Exploration of Binary Mixtures Derived from Hydrogen Bond Liquid Crystalline Soft Materials for Optical Device Fabrication	Journal of Molecular Liquids
87	Jeeva S, Vijayanand P S , Saran C, Ramanan B V, Sanjeevkumar Saravanan P	Advances in Cartilage Research: A Comprehensive Review of Novel Insights and Future Directions	African Journal of Biological Sciences (South Africa)
88	Kiruthika V R , Nirmaladevi J	AI Based Smart Assistant System for Alzheimer Person	International Conference on Electronics and Sustainable Communication Systems
89	Aarthi C, Saranya K , Naga Saranya N, Ponlatha S	Secured Cyber-Internet Security in Intrusion Detection with Machine Learning Techniques	International Journal of Computational and Experimental Science and Engineering

90	Steephan Amalraj J , Kumaresan T, Pravin Savaridass M, Vaanathi S	Enhanced Heart Disease Diagnosis in MRI Images Using Swan Adapt Optimized Thresholding Segmentation with U-Net Model	International Conference on Electronics and Sustainable Communication Systems
91	Thulasimani T , Lambodar Saha, Buchireddy Poreddy, Vusal Karimli Maharram, V Prabakaran, Anil Kumar Lamba	Advanced Analysis of Social and Psychological Factors in Higher Education Institutions Using DNN and LSTM	International Conference on Data Science and Network Security
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94	Mythili S , Aditi Chaulagain, Kalamani M, Prabhakaran V	Behavioral Aspects of 2.5 GHZ in an Indoor Environment	Lecture Notes in Networks and Systems
95	Premkumar C , Rajeshwari, R Remya, M S Cholaathiraj, Reethika A, S Bharathidasan	Advancing Alzheimer's Nodule Detection Through a Comprehensive Multi Scene Deep Learning Framework	International Conference on Advanced Computing and Communication Systems
96	Ramachandran P, Srinivasan M , Kulandai Glory Prasanth, Gajji Ravindra, Muthappa Perumal, C P Rajalakshmi, Samir Hossam Fathi	Performance Signature for Angular Misalignment Measurement of Fiber to Fiber Connectors with Minimum Insertion Loss and Low Distortion in Optical Fiber Transceiver Systems	Journal of Optical Communications
97	T P Ramachandran, Venkata Naresh Mandhala, M Ramya, Srinivasan M , Soman Shibu, Parimala A, Ayman Zain Hemadan	Liner Multimode Fibers with High Distributed Optical Amplification System Based High Efficient Quadrature Modulation System for Reliable High Capacity Local Area Network	Journal of Optical Communications
98	Dhivya P , Karthiga V G, S Vinotha, S Saravanakumar, T Abinith, T Varunsri	Advanced Sensing and Actuation Health Monitoring Robot	International Conference on Electronics and Sustainable Communication Systems
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100	Ravikumar S, Pradeep R, Thava Vinu A, Sowmia K R, Eugene Berna I	Smart Card E-Insurance Authorization for Vehicles Using RFID	International Conference on Intelligent Cyber Physical Systems and Internet of Things
101	Venkatesan R , M Sangeetha, S Nivedha, Selvakumar M, Chandru K S, Parthasarathi P	Hash Tag - Based Sentiment Analysis Using a Deep Learning Approach	International Conference on Advanced Computing and Communication Systems
102	Kanthimathi N , R Sheela Daniel, R Santhana Krishnan, Samuel Prabakaran, S Gopikumar, V Sakthi Maragatham	Enhancing Animal Intrusion Detection with Raspberry Pi and Fast R-Cnn: A Practical Approach for Wildlife Management	International Conference on IoT in Social, Mobile, Analytics and Cloud
103	Rajalashmi K , S Jeevana, A Shella, Usha Subramaniam	An Assessment on Algorithms for Planning of Secondary Distribution with Renewable Energy	Lecture Notes in Networks and Systems
104	Shaymaa Hussein Nowfal, Eswaramoorthy V , Vishnu Priya A, Bhaskar Marapelli, Swaroopa K, Ezhil Dyana M V	Diabetic Retinopathy Image Lesion Segmentation with Feature Fusion Relation Transformer Network	Journal of Machine and Computing
105	Rafiya Banu, Abbarapu Ashok, Vijay Kumar D, K Amaranadha Reddy, Thulasimani T , Neerav Nishant	An Innovative Method for Fraud Detection in Ecommerce Using DCNN-Multiclass SVM Model	International Conference on Intelligent Algorithms Computational Intelligence Systems
106	G Vasanti, R Karthi, Amisha Bisht, B Srinivasa Rao, Thulasimani T , S Vasuki,	Exploring Potential Predictors of Psychological Distress Among Employees: A Generalized Arcgrou Based Model	International Conference on Intelligent Algorithms Computational Intelligence Systems
107	Sathish M, Prabha Devi D , Kanchana R, Pranesh R K	A Smart Vehicle Monitoring System Using Real-Time Data Processing and Advanced Sensor Integration	International Conference on Electronics and Sustainable Communication Systems
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109	Sangeethaa S N , Sangamithrai K, Prashant Kumar. V Yamuna Titus Richard Glory	Enhanced Conjunctivitis Detection: Leveraging Resnet and Spatial Attention Mechanisms for Superior Accuracy	International Conference on Intelligent Algorithms Computational Intelligence Systems
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245	Arulmurugan L , Sangeeta Thakur R. Dayana S Thenappan Banavath Nagesh R. Kalaivani Sri	Arulmurugan L	Bulletin Of Electrical Engineering And Informatics
246	Murugan K , R. Anto Pravin, Dr. C. Thiripurasundari Dr. Christodoss Prasanna Ranjith Dr. R. Puviarasi Dr. Syed Ismail Abdul Lathif	Stochastic Cluster Head Selection Model For Energy Balancing In Iot Enabled Heterogeneous Wsn	Measurement: Sensors
247	Sannasi Chakravarthy S R , N. Bharanidharan V. Vinoth Kumar T. R. Mahesh	Multi-Class Breast Cancer Classification Using Cnn Features Hybridization	International Journal Of Computational Intelligence Systems
248	Sampoornam K P , K R Priya Dharshini R Kalaivani P.Logamurthy	Analysis On Modulation And Demodulation Techniques For Visible Light Communication	International Conference On Innovative Trends In Information Technology

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251	Eugene Berna I , Rajanandhini C Megala N Chandrasekaran R Jareena Begam Athirajaatheswaran	Revolutionizing Cardiovascular Diagnostics: Advancements In Heart Disease Identification Through Multimodal Data Fusion And Deep Learning Cnn Algorithm	International Conference On Knowledge Engineering And Communication Systems
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254	Rajeshkumar G , Dr.Sreeja.B.P	Enabling Secure And Effective Deduplication In Multi Clouds	International Conference On Devices, Circuits And Systems
255	Dhanalakshmi S , K. Kavitha Dr. V. Saravana Kumar V. Bhoopathy Syed Arfath Ahmed N. Valarmathi	Lung Cancer Detection Using Regularized Extreme Learning Machine And Pca Features	Journal Of Computer Science
256	Sannasi Chakravarthy S R , Bharanidharan Nagarajan Vinoth Kumar Venkatesan Mahesh Thyluru Ramakrishna Ahlam Al Musharraf	Spatial Attention Integrated Efficientnet Architecture For Breast Cancer Classification With Explainable Ai	Computers, Materials And Continua
257	Dhanalakshmi S , D. Shekar Goud C Kumar S. Devipriya P.S. Latha Mageshwari Anitha Mary M	Low Power Design Techniques For Iot Devices	International Conference On Science Technology Engineering And Management
258	Muthumeena S , Vishnu Priya M R	Deep Learning Framework For Cardiovascular Disease Prediction Using Ecg Images	International Conference On Emerging Trends And

			Technologies On Intelligent Systems
259	Parthasarathi P , V.BALAJI VIJAYAN T. DHANALAKSHMI S.NIVEDHA R.KRISHNAMOORTHY, R.THIAGARAJAN	Experimental Evaluation Of Smart Forest Fire Detection Methodology Using Internet Of Things And Logical Sensors	International Conference On Communication And Signal Processing
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		Way Anova And Chi-Square Analysis	
278	Sampoornam K P , Priya Dharshini K.R Kalaivani R Jayasanthi M Niji Ps Sampoornam K P	Plant Disease Identification Using Deep Learning	Nanotechnology Perceptions
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280	Pushpavalli M , Gopalakrishnan Soundarya Jayabalan Sam Suresh Chinnaswamy Sivamani Doraiswamy Vedha Vinodha Ganesan Vijayakumari Athappan Senthilkumar	Dms, Csr And Dgs Loaded Hmsiw Dual-Band Filter With Closely Set Apart Passband	Progress In Electromagnetics Research C
281	Kavitha V , Ramu V Kalyan Barla Kavitha V Srinivas Aluvala Sankepally Chandrasekhar A. Athiraja	Hybrid Quantum Computing And Deep Learning Approaches For Enhancing Wireless Communication Security	International Conference On Emerging Systems And Intelligent Computing (Esic)
282	Vijayanand P S	Advances In Cartilage Research: A Comprehensive Review Of Novel Insights And Future Directions	African Journal Of Biological Sciences (South Africa)
283	Akalyadevi K , Purnendu Bikash Acharjee G Purushothaman Bindu Kolappa Pillai Vijayammal Vijay Kumar Dwivedi	Nonlinear Dynamics In Distributed Ledger Blockchain And Analysis Using Statistical Perspective	Communications On Applied Nonlinear Analysis
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287	Saranya K , Aarthi C Naga Saranya N Ponlatha S	Secured Cyber-Internet Security In Intrusion Detection With Machine Learning Techniques	International Journal Of Computational And Experimental Science And Engineering
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296	Srinivasan M , Ramachandran Thandaiah Prabu Venkata Naresh Mandhala, Mohanraj Ramya, Soman Shibu Parimala Arumugam,	Liner Multimode Fibers With High Distributed Optical Amplification System Based High Efficient Quadrature Modulation System For Reliable	Journal Of Optical Communications

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297	Vijayanand P S	A Facile Synthesis And Molecular Characterization Of Electroactive Polyaniline Nanocomposites Materials Based On Silver Embedded Poly Aniline Copolymers For Application In Automobile Industries	Sae Technical Papers
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		For Improved Early Detection And Patient Outcomes	And Advancement In Industry
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314	Naveena S , Manthan S Manavadaria Suman Vij S Ramya Nitin Girdharwal Tanaya Nerlekar Na Na	Advanced E-Waste Management Solutions Using A-Bicnn-Rnn Model To Tackle Modern Challenges	International Conference On Software, Systems And Information Technology

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324	Kavitha R , T. Grace Shalini G. Susan Shiny R. Saranya P Suresh Babu R Kavitha Athiraja Atheeswaran	Enhancing Lung Disease Identification With Multimodal Data Fusion And A Deep Learning Cnn Approach	International Conference On Smart Electronics And Communication
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349	Yuvalatha S , Kumbham Bhargavi M Lakshmi Prasad Arun G Pundru Chandra Shaker Reddy M Naga Triveni	An Enhanced Diagnostic System Using Deep Learning For Early Prediction Of Pancreatic Cancer	International Conference On Electrical Energy Systems
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381	Ramya P, G. Sunil Kumar G. Venkata Hari Prasad Berakhah F. Stanley C. Anna Palagan	Enhancing 5g Performance: A Study Of An Mimo Antenna With Elliptical Ring Polarization	Engineering, Technology And Applied Science Research
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405	Karthika M , R. Radha R. Rajalakshmi B. Indhumathi R. Poornima M. Mary Victoria Florence	Pentapartitioned Neutrosophic Dombi Weighted Aggregation Operator For Madm	Neutrosophic Sets And Systems
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418	Kodieswari A, Mariaraja Paramasivam P Divya Banu M Premalatha S Srithar S S Sivaraju	Design A Neural Network Grey Wolf Optimization Based Approach For Load Distribution Forecast In Virtual Power Plant	International Journal Of Modeling, Simulation, And Scientific Computing
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506	Kannan K P , Manju Navaneetham	Biodegradation Of Textile Dye By Endophytic Fungi Isolated From Piper Betle L And Costus Igneus Nak	Journal Of Technology
507	Kannan K P , Manju Navaneetham	Synthesis And Characterization Of Protein Based Zein Hydrogel Derived From Corn: An Effective Biocompatible Material To Packaging And Cosmetic Industry	Journal Of Technology
508	Divyabarathi P , Anbarasan R Vasanthi R B. Leena Akshya J M. Sundarrajan Mani Deepak Choudhry	Autonomous Decision-Making In Cyber-Physical Systems Using Double Deep Q-Learning And Multi- Agent Collaboration	International Conference On Inventive Research In Computing Applications
509	Arun Jayakar S , Ranadheer Donthi Thiyagarajan V S M. Amutha	Intelligent Transportation Systems Iot Solutions For Traffic Optimization And Autonomous Vehicle Networks	International Conference On Innovative Computing, Intelligent Communication And Smart Electrical Systems
510	Balamurugan E , Sudhan. M. B Neha Khandelwal G. Karthikeyan Devarajan M C.R. Bharathi Balamurugan E	A Novel Hybrid Algorithm For Automated Schizophrenia Detection Using Eeg Signals And Deep Learning	International Conference On Advanced Computing Technologies
511	Arun Chendhuran R, Jaanthi T Rampalli Shasidhar Nagendar Yamsani Sankepally Chandrasekhar A. Athiraja	Neuromorphic Computing Architecture For Enhanced Signal Processing In Autonomous Systems	International Conference On Emerging Systems And Intelligent Computing
512	Sobiya P , Muthumanickam T Kodumuri Srujana Krishna Kanth M Kanegonda Ravi Chythanya Athiraja A	Optimizing Human Sleep Patterns Using Ai-Driven Insights From Wearable Data And Behavioral Analysis	International Conference On Emerging Systems And Intelligent Computing
513	Bharathi A , Nandini Kannan Erugu Krishna P Joel Josephson Ravi Kant M V Rathnamma	A Machine Learning-Based Smart Water Management Framework For Agricultural Irrigation Using A Stacked Ensemble Model	International Conference On Trends In Material Science And Inventive Materials
514	Saraswathi C , Gaurav Kumar G. Devayani, Professor , R.	Exploring Consumer Behavior In E- Commerce With Ai Personalization And Market Trends Analysis Models	International Conference On Integrated Circuits

	Melba Kani Mr.Sandeep Dongre M. S. Mohamed Mallick		And Communication Systems
515	Senthilnathan S , Yamini Kalva Senthil Kumar S A. Sasi Kumar Kavitha C. T. Srikanth Pulipeti	Enhancing Data Security Through Cryptographic Transformation Using A Graph Cnn And Lstm Based Model	International Conference On Visual Analytics And Data Visualization
516	Prabhavathi K , Dr.T. Vengatesh, Dr. D. Saraswathi M. Elumalai Dr.G. Saveetha, C. Kasthuri	Deep Fuzzy Neural Networks For Multi-Criteria Decision Making In Uncertain Environments	Utilitas Mathematica
517	Kalaiselvan S , K. Ravikumar K. Saravanakumar Anand Viswanathan Mathivanan Durai S. Devi	Analysis Of Software Cost Estimation And Debt Management Based On Deep Learning Approaches	International Journal Of Computational And Experimental Science And Engineering
518	Dhivya P , Boopathi Rajan P. Parvathi M Puviyarasu R.	Hybrid Cnn-Lstm With Clahe- Enhanced Segmentation For Automated Leukemia Detection	International Conference On Intelligent Computing And Control Systems
519	Perarasi T , Anila Vs Dr Nagarajan G	Low-Light Image Enhancement Using Retinex Based An Extended Resnet Model	Multimedia Tools And Applications
520	Suseendran S , Ramya Palaniappan Saranya	Enhanced U-Net With Transformer- Driven Encoder For Medical Image Segmentation	International Conference On Brain Computer Interface & Healthcare Technologies (Icon-Bciht)
521	Kavitha R , Rachana Ravindra Mudholkar Dr. Kingshuk Srivastava Dr. Md Javeed Ahammed Dr. Niket Tajne Sharayu Anap	Image Captioning Using Deep Learning: Bridging The Gap Between Vision And Natural Language Processing	International Conference On Pervasive Computational Technologies (Icpct)
522	Nandhakumar A , Surendar V Chandru R Dineshkumar K Heamanthkumar B Mahibalan K P	Investigation Of Modified Sepic Converter With P&O Based Mppt For Solar Pv	International Conference On Intelligent Algorithms For Computational Intelligence Systems
523	Mohanapriya K , P. Brito Clinton S. Jagadeesan S. Nagarajan	Machine Learning On Retail Stores For Customer Churn	International Conference On Advanced Computing Technologies (Icoact)
524	Manju M , R. Raja Mohammad Luqman L. Nivetha J. Yogapriya	Intelligent Transportation Network Model For Drivers Based On Observed Patterns	2025 International Conference On Frontier Technologies And Solutions (Icfts)

525	Kiruthiga R , Selvanathan N Ramya S R Suresh Kumar C Akshya J Mani Deepak Choudhry Sundarajan M	lot - Enhanced Path Planning And Obstacle Avoidance For Autonomous Mobile Robots	International Conference For Advancement In Technology
526	Kiruthiga R , Kuppani Sathish Ankita Dhanke Mohandass R Ankush Madhukar Gund Jarabala Ranga	Robust Design Of Floor Cleaning Robot With Smart Power Handling Abilities Based On Solar Assisted Renewable Energy Sources	International Conference On Electronics And Sustainable Communication Systems
527	Vairavel K S , Mohanraj K Ramesh A	Optimizing Performance In Automatic Powder Filling Systems	International Conference On Power, Energy, Control And Transmission Systems
528	Sanjoy Deb , Gowri Shankar Manivannan	Performance Analysis Of Artificial Gorilla Troop Optimization Algorithm Features Based Bat Algorithm For Ground Vibrations Detection Using Different Geophone Sensors	International Conference On Data Science, Agents & Artificial Intelligence(Icdsaai 2025)
529	Sasson Taffwin Moses S , Abraham David L Emil Selvan G S R Ramkumar M P	Optimized Hybrid Deep Learning Approach for Detecting Dos Attacks Using Feature Selection In Wireless Sensor Networks	International Conference On Computational, Communication, And Information Technology

Student - Patent

S.No.	Patent Title	Name of the Student	Department	Patent Status
1	Face Recognition And Identification System On Nvidia Jetson Xavier Nx	Sriharish T	Computer Science & Engineering	Filed
2	Docile Shock Control For Supercritical Airfoil	Anupama P A	Aeronautical Engineering	Filed

3	Deep Learning Based Sequential Layered Framework For Histopathological Leukemia Detection: A Hierarchical Approach	Gokul S	Electronics And Communication Engineering	Filed
4	Personalized Healthcare Insights: Ai-Driven Predictive Analysis And Intervention	Gokul G	Electronics And Communication Engineering	Filed
5	Serraflo In Trailing Edge Of Wing	Joel Philip M	Aeronautical Engineering	Filed
6	Predictive And Prescriptive Analysis Of Deceptive Patterns	Dhanushkumar D	Information Technology	Filed
7	Student Academic Classes Attendance Tracking Portal	Aashvin S	Computer Science And Business Systems	Filed
8	Six Axis Robot Simulation	Udhayaa V D	Information Technology	Filed
9	Riding Jacket With Indications And Cooling System By Bluetooth	Pranav Senthooran S G	Electronics And Communication Engineering	Filed
10	African Prints On Indian Emblishments-Lehenga	Kavin Kumar C	Textile Technology	Filed
11	Non Isolated Multiport Dc-Dc Converter	Divyashree R	Electrical And Electronics Engineering	Filed
12	Hostel Management And Student Accomodation Management System	Saran S	Computer Science & Engineering	Filed
13	Real-Time Milk Quality Detection System Using Portable Biosensors	Kiruthika S	Electronics And Communication Engineering	Filed
14	Honeypot Server	Ragul V R	Computer Science & Engineering	Filed
15	Early Detection Of Alzheimer's Disease Through Ai-Powered Analysis Of Neuroimaging And Cognitive Data	Meenakshi S	Electronics And Communication Engineering	Filed
16	Etta - Enhanced Text And Technology Assistant	Athisundararaj S	Artificial Intelligence and Data Science	Filed
17	Iiot Based Smart Hydraulic Work Bench System Using Plc And Hmi	Solomon A S Meashake	Electronics and Instrumentation Engineering	Filed
18	Design And Analysis Of Air Intake Manifold Of An Fsa Vehicle	Ajay Raaj R S	Automobile Engineering	Filed
19	Design And Implementation Of A Non-Invasive Blood Typing Device	Dhanasheelan D	Biomedical Engineering	Filed
20	Smart Burglar Alarm System.	Srinith K	Electronics and Communication Engineering	Filed

21	Design And Analysis Of Improving Aerodynamics In A Fsaе Vehicle	Mohamed Ibrahim M	Mechanical Engineering	Filed
22	Design, Analysis And Validation Of Muffler For Tractor Vehicle To Obtain Optimal Level Of Back-Pressure And Cost Effectiveness	Moorthy S	Mechanical Engineering	Filed
23	Wavelet Transform-Based Feature Extraction For The Detection Of Myopathy In Surface Emg Signals	Chandra K	Biomedical Engineering	Filed
24	Ethernode Smart Hub	Jeyabalan K	Electronics And Instrumentation Engineering	Filed
25	lot Enabled Touch Control Switch	Jeyabalan K	Electronics And Instrumentation Engineering	Filed
26	Ecommerce And Inventory Modules	Dhyaanesh S	Computer Science & Engineering	Filed
27	Deep Convolutional Machine Learning Model For Diabetes Diagnosis In Humans Using Tongue Images	Maveenkumar S	Electronics And Communication Engineering	Filed
28	Placement Training Details Management Portal	Mohinth R	Computer Science & Engineering	Filed
29	Fantasy Fashion : Illustrating Costume Designs For Movies And Theater	Siranjivi C	Fashion Technology	Filed
30	Efficient Net X Based Deep Sequential Framework For Skin Cancer Detection From Microscopic Images - A Bottom-Up Approach	Mohankumar S	Electronics And Communication Engineering	Filed
31	Real-Time Event Notification System	Manojkumar K	Information Technology	Filed
32	Nanoadsorption Based Matrix Of Water Purification Thereof	Trisha V	Biotechnology	Filed
33	Deep Learning For The Automated Detection And Monitoring Of Motor Neuron Disorders From Emg Signals	Vishalini P	Electronics And Communication Engineering	Filed
34	Student Database Management System	Nandhini T	Information Science And Engineering	Filed
35	Detection And Segmentation Of Adrenal Tumor Using Deep Learning Techniques	Deepana D	Electronics And Communication Engineering	Filed
36	Formulation Of Green Soap Using Andrographis Paniculata And Aerva Lanata For Antifungal Action	Sangita R M	Biotechnology	Filed
37	Course Recommendation Engine Based On Students Perfromnace And Interest	Haarish D S	Mechanical Engineering	Filed
38	Design And Analysis Of Improving Aerodynamics In A Fsaе Vehicle	Mohamed Ibrahim M	Mechanical Engineering	Filed

39	Design, Analysis And Validation Of Muffler For Tractor Vehicle To Obtain Optimal Level Of Back-Pressure And Cost Effectiveness	Moorthy S	Mechanical Engineering	Filed
40	Wavelet Transform-Based Feature Extraction For The Detection Of Myopathy In Surface Emg Signals	Chandra K	Biomedical Engineering	Filed
41	Ethernode Smart Hub	Jeyabalan K	Electronics And Instrumentation Engineering	Filed
42	IoT Enabled Touch Control Switch	Jeyabalan K	Electronics And Instrumentation Engineering	Filed
43	Ecommerce And Inventory Modules	Dhyaanesh S	Computer Science & Engineering	Filed
44	Deep Convolutional Machine Learning Model For Diabetes Diagnosis In Humans Using Tongue Images	Maveenkumar S	Electronics And Communication Engineering	Filed
45	Placement Training Details Management Portal	Mohinth R	Computer Science & Engineering	Filed
46	Fantasy Fashion : Illustrating Costume Designs For Movies And Theater	Siranjivi C	Fashion Technology	Filed
47	Efficient Net X Based Deep Sequential Framework For Skin Cancer Detection From Microscopic Images - A Bottom-Up Approach	Mohankumar S	Electronics And Communication Engineering	Filed
48	Real-Time Event Notification System	Manojkumar K	Information Technology	Filed
49	Nanoadsorption Based Matrix Of Water Purification Thereof	Trisha V	Biotechnology	Filed
50	Deep Learning For The Automated Detection And Monitoring Of Motor Neuron Disorders From Emg Signals	Vishalini P	Electronics And Communication Engineering	Filed
51	Student Database Management System	Nandhini T	Information Science And Engineering	Filed
52	Detection And Segmentation Of Adrenal Tumor Using Deep Learning Techniques	Deepana D	Electronics And Communication Engineering	Filed
53	Formulation Of Green Soap Using Andrographis Paniculata And Aerva Lanata For Antifungal Action	Sangita R M	Biotechnology	Filed
54	Course Recommendation Engine Based On Students Performance And Interest	Haarish D S	Mechanical Engineering	Filed
55	Formulation Of Green Soap Using Andrographis Paniculata And Aerva Lanata For Antifungal Action	Adhika S	Biotechnology	Filed
56	Sustainable Fashion: Designing Eco-Friendly Fabrics From Recycled Materials	Gowtham R	Textile Technology	Filed

57	Video Analysis Using Nvidia Deepstream With Parallel Processing	Tarunbalaji S	Artificial Intelligence And Data Science	Filed
58	Hierarchical Deep Learning Framework For Colon Cancer Detection Using Efficientnet, Cbam,And Transformer-Based Attention Mechanisms	Karuppusamy V	Electronics And Communication Engineering	Filed

Student - Publication

S.No.	Student Name	Article Title	Journal Name
1	Dhakshinamoorthy P M	Creating Awareness About TamilNadu Village Habitations Improvement (THAI) Scheme	International Journal of Scientific Research in Engineering and Management
2	Logeshwaran R, Nivetha M, Bhavadharani S	Awareness and Survey on Impact of Social Media on Youth	International Journal of Scientific Research in Engineering and Management
3	Jeevana S	An Assessment on Algorithms for Planning of Secondary Distribution with Renewable Energy	Lecture Notes in Networks and Systems
4	Vyshya R, Dharsana S, Sunffee A, Mohan Bharathi C	Design and Development of Portfolio for Kids Party Wear	International Journal of Creative Research Thoughts
5	Lalithkumar K, Naveen Raj B, Priyanga M A, Karthiga M	Capsenet: Deep Learning Based Acute Lymphoblastic Leukemia Detection Approach	2024 8th International Conference on I-SMAC (IOT in Social, Mobile, Analytics and Cloud) (I-SMAC)
6	Soniya B, Boomika R, Rashlini R, Siranjivi C, Mohan Bharathi C	Design and Development of Women's Wear Collection for Upcoming Season	International Journal of Creative Research Thoughts
7	Chandra K, Divya M, Senthilnathan S, Charunetra M S	Pulse Oximeter for Animals	International Research Journal of Education and Technology
8	Sri Venkatesh R , Sabareesh H , Mouli Prasath D K, Prathish A K	Investigation on Integration of Phase Change Materials and Heat Pump in the Roof of a Building for Building Effective Cooling	International Research Journal of Education and Technology
9	Zameer Ali S, Mageshkumar S, Rajapandi P	EMG Signal Decomposition and Analysis Using Machine Learning Algorithms	International Research Journal of Education and Technology
10	Kavin K, Harinath S, Hariharan S, Kamalesh P	Continuous Non-Invasive Glucose Monitoring	International Research Journal of Education and Technology

11	Shreyaa V, Deepa D	Enhancing Single Channel Speech Processing with Advanced Noise-Reduction Techniques	International Research Journal of Education and Technology
12	Yavanika M	Design and Development of Portfolio for Women's Party Wear	International Journal of Creative Research Thoughts
13	Revith Kumar P, Vishnu Ram M, Dharshan Kumar S, Selvamani S	Modelling and Analysis of Cylindrical Cooling FIN (Heat Loss)	International Research Journal of Education and Technology
14	Sowmiya N, Vigneswar R, Mithul S, Mohammed Abubacker Siddiq A	Acoustic Heart Murmur Characterization Using Deep Learning Algorithms	International Research Journal of Education and Technology
15	Mythili V, Surya Prakash A, Vasanthasudar M, Janeshwar K	Simulation Study of Wind Stability for Integrating Multiple Green Energy Harvesters	International Research Journal of Education and Technology
16	Pon Mithresh B, Rhamanan M, Prasana L, Hari Haran A P	Virtual Drop Test Analysis on High Value Product	International Research Journal of Education and Technology
17	Sanjay D S, Dinesh S, Guhankarthick C, Vijayasarathi R	Flexible Moisture Sensors-A Versatile Arduino-Based System for Automated Electronic Component Measurement Using an LCR Meter	International Research Journal of Education and Technology
18	Stephen Sagayaraj A, Manojprabhu R, Vishnu Prasath S P, Yuvaraj N, Narendra J	PCB Defect Detection Using Yolo Algorithm	International Research Journal of Education and Technology
19	Aruleswaran G, Haris M, Boopathyrajan P, Yuvaraj K	Deep Learning Approach for Optimum Power Management Using IoT in EV Battery Management System	International Research Journal of Education and Technology
20	Mr.Biju J, Shwetha S, Vishaal M, Kamal M	House E-Auction Platform Connecting Buyers and Sellers in a Digital Space	International Research Journal of Education and Technology
21	Dhanushragav M, Vimalram K C, Vikashini M, Lakshmi Narasimman N	Detection and Classification of Disease from Mango Fruit Using Convolutional Recurrent Neural Network with Metaheuristic Optimizer	International Research Journal of Education and Technology
22	Thrisha J, Ramya M, Varshini L, Gauthamgiri K, Caroline Vinnethia S	Analysis of EMG Signal in Healthy and Neuropathic Individuals	International Research Journal of Education and Technology

23	Satheesh M, Bhuvan Kanna S, Sri Logesh M	Hospital Environment Monitoring System Using Lora	International Research Journal of Education and Technology
24	Thirugnanaskandhan S, Jashwanth R, Jayavarshan S, Chandru M	Hand Gesture Controlled Virtual Mouse Using Opencv, Mediapipe in Python	International Research Journal of Education and Technology
25	Sathiyamurthi P, Rajesh Kanna K, Seran G, Guna V	Fault Diagnostic and Performance Monitoring of Industrial Machines Using Machine Learning and IoT	International Research Journal of Education and Technology
26	Giridharan V, Hariharan S, Mukesh S	Influence of E-Glass Fiber Addition on Mechanical Properties of Jute Fiber Reinforced Hybrid Composites	International Research Journal of Education and Technology
27	Mouly Vinayaka T N, Vishwanth V, Rajgokul R M, Santhanasri R	AI Driven Job Matching for the Disabled	International Research Journal of Education and Technology
28	Naresh S, Bala Prasanna N, Gokul G, Subaash Hari B	Comprehensive Inspection and Analysis of Water Supply Distribution Lines	International Research Journal of Education and Technology
29	Kesavamurthi B	Evaluation of Vibrant Muscles in Lower Extremity Region in Automobile Industry	International Research Journal of Education and Technology
30	Sathiyar K A, Yuvar Kesav A, Siberaj N, Kishore Kumar J, Pushpavalli M	Multiple Channel Lora-To-Leo Scheduling for Direct-To-Satellite IoT	International Research Journal of Education and Technology
31	Mirudhun Kumar S, Naveen Bharathi S, Naveen Prakash S, Sarathi K, Selvakumar M	360-Degree Feedback Software for the Government Press Information Bureau (PIB) Using Artificial Intelligence and Machine Learning	International Research Journal of Education and Technology
32	Maghudes S S	Development of Dual Collector Solar Water Heating System with Flat Plate Reflector and Parabolic Fresnel Lens for Sustainable Energy Solutions	International Research Journal of Education and Technology
33	Deepa D, Pragadeesh R	EMG Signal Analysis Using Improved Wigner-Ville Distribution Model and Long Short- Term Memory for Amyotrophic Lateral Sclerosis Prediction	International Research Journal of Education and Technology
34	Priyanka B, Deepa D	Skin Disease Detection Using Neural Networks	International Research Journal of Education and Technology

35	Pradeep P, Partha Sarathi N S, Kathiresan S, Arun R	A DSM Based Approach for Solving Environment Constrained Economic Dispatch for a Microgrid System	International Research Journal of Education and Technology
36	Vikash R, Vijay Kumar K S, Dhanush Raj A K	Development of Ground Control Station for Low Level ROVS	International Research Journal of Education and Technology
37	Syed Fazil S, Gokul M P, Adhithya M	Sign Language and Hand Gesture Recognition Using Deep Learning	International Research Journal of Education and Technology
38	Suman Kumar G, Jaya Prakash S, Gemini R, Vishva B	Short Term Solar Power Forecasting Based on Recurrent Neural Network Model	International Research Journal of Education and Technology
39	Jayadev C L, Janarthanan K, Harishkumar S, Gurudev T H	Book Identification in Library Using Machine Learning	International Research Journal of Education and Technology

Consultancy

S.No.	Faculty Name	Department	Name of the Industry / Organization	Type of Consultancy	Amount (in Rs.)
1	Dr Dinesh D	Mechanical Engineering	Total 104 Agenesis	FESEM Lab Sample Testing	21,78,027
2	Dr Preetha V	Civil Engineering	Others	Cube Testing	16,874
3	Dr Preetha V	Civil Engineering	Others	Soil Test	28,084
4	Dr Gnanasundar V M	Civil Engineering	Sowntharya Flyash Bricks PVT LTD	Fly ash Brick Testing	1,770
5	Dr Sanjoy Deb	Electronics and Communication Engineering	Deputy Conservator of Forests	Elephant Warning Light System	96,330
6	Dr Senthil Kumar N V	School of Management Studies	Lakshmi Ring Travellers (Coimbatore) Private Limited	MDP on Data Analytics Using Excel	11,800
7	Dr Thirumurugan V	Fashion Technology	Mrs. J Vidya , Research Scholar, Avinashilingam University	Plasma Treatment	4,248
8	Dr Pradeep A D	Mechanical Engineering	Jeevarathinam A	Vicker's Hardness Material Testing	4,130
9	Dr Gnanasundar V M	Civil Engineering	Others	Sand Testing	1,534
10	Dr Karthiga Shenbagam N	Civil Engineering	Pixous Technologies PVT LTD	Material Testing	33,984
11	Dr Gnanasundar V M	Civil Engineering	Government	Material Testing	9,086
12	Dr Subhapriya P	Chemistry	Ascent Chemicals	Synthesis Process of Super Absorbent Polymers	1,500
13	Dr Balakrishnaraja R	Biotechnology	Ascent Chemicals	Microbial Parameter Analysis and ODOR Removal Process	4,114
14	Dr Purusothaman P	Information Technology	Codissia	People Counting in Agri Intex	1,00,000

15	Dr Ranjitham M	Civil Engineering	Dr. Chinnasamy	Cube Testing	708
16	Dr Senthil Kumar N	School of Management Studies	Emerald Jewel Industry India Limited, Coimbatore	Data Analytics	28,084
17	Dr Nandhini B	School of Management Studies	Emerald Jewel Industry India Pvt. Ltd	MDP on Data Analytics	23,800
18	Dr Daniel Raj A	Electronics and Communication Engineering	Freelancer	Environmental Data Capture And Image Storage System	26,255
19	Dr Loganayagan S	Civil Engineering	Gudalur High Tech Builders Pvt Ltd	Pavement Quality Test - Fdd, Mdd	57,820
20	Dr Perarasi T	Electronics and Communication Engineering	Gracewell Technologies	Connectivity Solutions Among Users	5,000
21	Dr Poongodi C	Electronics and Communication Engineering	Gracewell Technologies	Seamless Service Integration: A Comprehensive Solution	5,000
22	Dr Gnanasundar V M	Civil Engineering	Municipality	Inspection Report Stability Test	48,144
23	Dr Karthiga Shenbagam N	Civil Engineering	Raju & CO	Bridge Safe Deflection Test	1,65,000
24	Dr Preetha V	Civil Engineering	Srisairam Constructions Gobi	Soil Testing At Keeranatham Village	26,550
25	Dr Karthiga Shenbagam N	Civil Engineering	Sri Muniappan Copnstructions	Material Testing	10,000
26	Dr Karthiga Shenbagam N	Civil Engineering	Sri Muniappan Copnstructions	Material Testing	48,090
27	Dr Rajiev R	Mechatronics Engineering	Summits Hygronics Pvt Ltd	Fesem Lab Testing	35,400
28	Dr Vishnu Sajan	School of Management Studies	Srk Polymers Pvt Ltd	MDP On Data Analytics	26,432

29	Dr Gnanasundar V M	Civil Engineering	Ramesh N	Cylinder Compressive Strength	1000
30	Dr Gnanasundar V M	Civil Engineering	N Sudhagar	Fly ash Brick Testing	708
31	Dr Gnanasundar V M	Civil Engineering	P Suresh	Cube Consultancy	600
32	Dr Gnanasundar V M	Civil Engineering	Amman Associates	M-Sand Material Testing	1300
33	Dr Thirumurugan V	Fashion Technology	R.Rathinamoorthy , Associate Professor, Vit	Plasma Treatment To Fabrics	3186
34	Dr Thirumurugan V	Fashion Technology	Avinashilingam Institute Of Home Science	Fabric Surface Treatment Using Plasma	2124
35	Dr Thirumurugan V	Fashion Technology	Avinashilingam University	Plasma Treatment Of The Fabric Using Gas Cylinder	4248
36	Dr Karthiga Shenbagam N	Civil Engineering	Sri Muniappan Copnstructions	Material Testing	68,550
37	Dr Karthiga Shenbagam N	Civil Engineering	Raju & Co	Bridge Safe Deflection Test	1,65,200
38	Dr Karthiga Shenbagam N	Civil Engineering	Muralitharan Contrator	Bridge Deflection Test	177000
39	Dr Karthiga Shenbagam N	Civil Engineering	District Rural Developmnet Agency	Nabard.	47,200
40	Dr Karthiga Shenbagam N	Civil Engineering	N R Rangasamy	Safe Deflection Test	2,83,200
41	Dr Karthiga Shenbagam N	Civil Engineering	Panchayat Union Office	Building Design Vetting	23,600
42	Dr Senthil Kumar N	School Of Management Studies	Lakshmi Ring Travellers (Coimbatore) Private Limited	Mdp On Data Analytics Using Excel	11,800
43	Dr Nandhini B	School Of Management Studies	Roots Multiclean Limited	Advanced Excel.	23,600
44	Dr Nandhini B	School Of Management Studies	Emerald Jewel Industry India Pvt. Ltd	Mdp On Data Analytics	28,084

45	Dr Loganayagan S	Civil Engineering	Mar Basil Constructions , Nilgiris.	Soil And Tensile Test	20,296
46	Dr Loganayagan S	Civil Engineering	Murali &Co	Soil Test And Wmm Design.	40,120
47	Dr Loganayagan S	Civil Engineering	R. Jaganathan, Contractor, Ooty	Soil Test & Wmm Design	21,240
48	Mrs.Ashwathi R	Civil Engineering	Amman Associates	Cube Test	1416
49	Mr.Murugappan S	School Of Managamenet Studies	Rr Thulasi Builders Private (India) Limited	Mdp On Data Analytics - Self Service Business Intelligence	17,000
50	Mrs.Ashwathi R	Civil Engineering	Mahesh Clinic	Cube Test	708
51	Mrs.Ashwathi R	Civil Engineering	Mahesh Medical Centre	Cube Test	708
52	Mrs.Deepa D	Biomedical Engineering	Kav Biomedical Equipment Training & Education.	Image Quality Enhancement	5003
53	Mr.Kirupa Sankar M	Biotechnology	Ksr Dental College	Herbal Based Child Oral Anesthesia	69,620
54	Mrs.Jayanthi V	Civil Engineering	Cbr Testing Of Soil	Panchayath Union	8260
55	Mrs.Praveena R	Chemistry	Attox Research Laboratories	Optimisation Of The Given Sample Synthetic Compounds Through G16 Dft Analysis	12,000
56	Mr.Pongali Sathya Prabu N	Physics	Shree Venkateswara Hi-Tech Engineering College	Collaborative Experimental Research Work	5000

Ph.D Completion

S. No	Name of the Scholar	Registration No	Title of the Thesis	Date of Ph.D. Completion	Photo of the Scholar
1	JOTHIMANI S	21244697192	Investigations of multimodal emotion recognition using deep learning techniques	2025-04-30	
2	MADHESWARAN S	17132691231	Development and characterization of fused deposition modeled polylactic acid reinforced with aluminum oxide and hydroxyapatite	2025-03-21	
3	VINOTH KUMAR J	18142697106	Performance enhancement of salt gradient trapezoidal solar pond using east west reflector and coal cinder additive	2025-01-10	
4	DHANASEKAR R	1814361255	Model based controller with parameter optimization techniques for industrial csth process	2025-03-18	
5	SIDDHARTHAN B	18142697177	Investigation on mechanical and wear properties of Im13 reinforced with titanium diboride and zirconium carbide hybrid metal matrix composite	2025-02-21	
6	PAVANADITYA BADIDA	1515529768	Assessment of air pollutant sources and their health risks in chennai metropolitan region	2024-12-30	
7	STEPHEN SAGAYARAJ A	21144691430	Investigations on the detection of sulphur fumigation from copra images using features fusion method with artificial intelligence techniques	2025-01-10	
8	NANDHINI S S	18244697114	Certain investigations on mining frequent and high average utility itemsets using meta-heuristics algorithms	2024-12-16	

9	SATHISH S	16144697257	Certain investigation on energy efficiency in software defined wireless sensor networks	2024-12-30	
10	RAGHAVENDRA PRABHU S	18142697195	Selection of 3d printer using hybrid mcdm techniques for automobile spoiler	2025-02-07	
11	VADIVEL VIVEK V	18142691199	Investigation on mechanical performance of cellulosic fiber reinforced polymer matrix composites	2025-04-11	
12	JEYANTH B	17231691166	Flexural behaviour and corrosion effect on pet fiber reinforced concrete along with pomegranate peel extract coated rebar	2024-11-12	

Recognized Supervisor

S.No	Name of the Faculty	Department	Date of Supervisor Recognition	Ph.D. Degree Awarded Discipline	Photo of the Faculty
1	ALEX STANLEY RAJA T	Electrical and Electronics Engineering	04/03/2025	Electrical Engineering	

Summary

Period December- May, 2025		
Funding Proposals	Applied in (Rs.)	55,661,094
	Sanctioned in (Rs.)	372,500
	Ongoing in (Rs.)	3,58,84,583
	Completed in (Rs.)	55,000
Patent	Granted	1
	Published	3
	Filed	8
Publication	WoS	103
	Scopus	219
	Others	10
Consultancy (Rs.)	No. of faculty involved	43
	No. of industry involved	127
	Amount in (Rs.)	31,22,293
Ph.D Completion	12	
Recognized supervisor	1	

Central Research Facility

Central Research facility

Research labs

1. Biomolecular Characterization and Instrumentation Lab
2. Fabric Surface Enhancement Lab
3. Functional Macro Molecular Enhancement Lab
4. Materials Processing and Testing Lab
5. Electrical Power Analysis Research Lab
6. Liquid Crystals Research Lab
7. Quantum Computing and Phytochemistry Research Lab
8. Condensed Matter Research Lab
9. Advanced Materials Research Lab
10. Subsonic Airflow Testing Lab
11. Materials Characterization FESEM Lab
12. Environmental Research lab
13. Centre for Metal Additive Manufacturing

Softwares

1. MATLAB
2. Cadence Tools Suite
3. LabVIEW
4. Oracle 11g
5. Ansys 18.0
6. CREO
7. CATIA V5
8. NX CAM Express
9. Solidworks 16
10. Altair Multiphysics/Mechatronics
11. Turnitin Originality
12. Origin