

3.4.3 - Number of Patents/ Copyrights published/awarded/technology-transferred during the year

Name of the Patenter/ Copyright awardee	Patent/Copyright Number	Title of the Patent/Copyright	Year patent was awarded/published
Durgalakshmi.S	202441015640	Plastic Bottle Crushing Machine	2024
Durgalakshmi.S	404697-001	Water Can Lifting Device	2024
Uma Devi.S	202141035476	Formulation Of Phenylephrine And Amikacin Nanoemulsion	2024
Murugesan.D	202441014567	Advanced Inventory Management Using Ai-Driven Demand Forecasting In E-Commerce	2024
Durgalakshmi.S, Et.al	402485-001	Vegetable Harvesting Machine	2024
Jebathangam.J	202341089062	Enhanced Security Protocol For Cloud-Based Communication Network	2024
Jebathangam.J	202341068975	Artificial Intelligence Based Cloudsecurity Detector	2024

Ashok Kumar Katta	6341591	Employee Confidence Tracking Device	2024
Jeyanthi.R	202441015640	Analysis Of Roles And Responsibilities Of Language Teachers	2024
Sasikala V.E, Meenakshi.S	202441025950	Stock Price Forecasting Model Based On Time Series Convolutional Deep Neural Net	2024
Kalai Selvi.K	410873001	Smart Tax Optimization Device	2024
Dr. G. Amutha Dr. P G Thirumagal Dr. S. Vasantha Dr. Kabirdoss Devi Dr. A. Narmadha Dr. M.Thaiyalnayaki Dr. S. Sudha	400395-001	Internet Of Things Based Camera For Healthcare Management	2024
Kalai Selvi.K	202441039135	The Interaction Of Technology And Commerce: Exploring The Latest Applications	2024
Jayakani.S	202441011231	Hr Management Based Computerised Information System Analysis	2024
Sathya.S	6351434	Ai Based Detecting And Water Testing Smart Device	2024
Sheela Gowr.P	6342635	Artificial Intelligence Based Shopping Assistance Robot	2024
Arunkumar.S	409665-001	Device To Measure Petrol Flow Into Petrol Tank	2024
Arunkumar.S, Et.al	404112-001	Floor Cleaning Machine	2024
Venugopal.S, Et.al	402078-001	Milk Adulteration Device	2024
Vidya.R	404751-001	Ultrasonic Equipment For Nanoparticles Synthesis	2024

Rajesh.A	408342-001	Hardness Testing Device	2024
Suganya.R.V	6332044	Device for block chain based supply chain management by using Design Thinking Approach	2024
Perumal.S	411070-001	Biosensor Based Biotech Device To Detect Lung Cancer	2024
Manikandan.A, Thirumal.S	413013-001	Apparatus For Healing Diabetic Foot Ulcer	2024
Manikandan.A	202441023295	Multi Functional Agritec Robot Using Iot Bluetooth Technology Using Sensors	2024
Jeyalakshmi.S	6373123	Artificial Intelligence Integrated Air Quality Monitoring Device	2024
Akiladevi.D	410118-001	Wearable Biometric Authentication Device	2024
Thailambal.G	202441011249	Block Based Stenosis Detection In Coronary Vessels Of X-Ray Angiograms	2024
Mrs G Sharmilaa, Dr P R Kalyana Chakravarthy, Dr T Ilango	377340-001	Wristband	2024
Meenakshi.A	202421005559	E- Commerce Advanced Inventory Management Using Ai - Driven Demand Forecasting I	2024
Dr. Gajendran Srihari, Dr. Pushpalatha Marisamy, Dr. Rakatu Vijaya Lakshmi, Dr. Nagalakshmi Muralidharan, Dr. Padmini Ramakrishnan, Mahesh Sudhakar Naik	6342878	Smart E-Learning Display Device	2024
Dr. R. Padmini	202441033647	Motives for social entrepreneurship among college students	2024

Dr.V.Chitra	409042-001	Reminder Alert Device For Employees	2024
B. Senthil Kumar	202441018396	Predicting movie economic success	2024
Dr.V.Vetrivel, Dr.K.Vinayagam, Dr.P. Murugan4. Dr.A.Gokulakrishanan Dr. Harihara Shanmugam A R Dr.D.Bala Murugan Dr. M.Prabhakar Christopher David	409050-001	Data Managing Device	2024
B. Senthil Kumar	202441030056	Deep learning approaches for assessing the effectiveness of teachers	2024
B. Senthil Kumar	202441030052	Role of emotional self regulation in determining teachers stress levels in higher education	2024
Dr. A.A.Jayashree Prabhakar,Dr.N. Sinthuja	202441001223	Analysis Of The Impact Of English Language On Cultural Identity Of A Nation Using Machine Learning Approaches	2024
Dr.V.Jaisre,Dr.M.Nagalakshmi,Dr.A.A. Jayashree Prabhakar,Ms.R.Abeetha	202441027216	An Innovative Framework For Instilling International English Proficiency In Young Learners Through Joyful Learning And Creativity	2024
Dr.S.Pereumal	202421027957	Analysis And Detection Of Fake And Counterfeit Currency With Machine Learning And Deep Learning Model	2024
Dr.T.Sujatha	202441038700	Customer Relationship Management (Crm) Platform With Personalized Marketing Automation For E-Commerce	2024

Dr.T.Sujatha	202411030788	Analysis Of How Online Video Sharing And Social Media Platform Develop The Online E-Commerce Business	2024
Dr. G. Revathy	202441029039	Groundwater Management With Iot-Based Smart Wells For Enhanced Monitoring And Control	2024
Dr. G. Revathy	6386367	AI Based Network Security Hub	2024
Dr. A. Selvaraj	202441005369	Mathematical Frameworks for Secure Cryptography Using Advancing Encryption Technologies	2024
Dr.Jebathangam.J	6347870	Artificial Intelligence-Based Cloud Security Detector	2024
Manoharan sudharsan M. DIVYA DR. S. SATHYA,	202341088599	A Meta Heuristic Approach For An Early Prediction Of Pulmonary Carcinoma Disease Segmented By Mednet And Classification By Lcnet Deep Learning Models With Web Ui	2024
Dr. Sheela Gowr	202411008652	Machine Learning Based Fraud Apps Detection Using Sentiment Analysis And Block Chain Technology	2024
Saravanakumar.N	202411034445	New model for detecting depression from organisation by using multiple machine learning and AI techniques	2024

Dr.V.N.Sudheer Dr. A.A.Jayashree Prabhakar Dr. J. V. Balasubramanian Dr.N.Sinthuja Dr.K.Bhavani Dr.Thahira Rahmath Mrs.Pratibha Pandey Ms.Sangeetha BK	202441001223	Analysis Of The Impact Of English Language On Cultural Identity Of A Nation Using Machine Learning Approaches	2024
Dr.S.Nangayarkarasi	20244100739	Analysis Of Mental Health Of High School Student In Education Sector During Pandemic	2024
Dr.K.Dharmarajan Dr.K.Abirami	202441023789	IoT Based Intelligent Smart Watch for Early Prediction of Paralysis among Older Adults	2024
Dr.S.Vennila Fathima Rani Dr.S.Jayakani	202441023980	The Digital Self And Real Self Among Social Media Users In India	2024
Renuka H.R Ms.J.Gajavalli Dr. S Jeyalaksshmi G.Ramya Shri Dr.SandipHaldar Dr.F.SangeethaFrancelinVinnarasi Siddanna S R Dr.PuneetBanga Abhishek Srivastava Kalpana R A	202441024007	AI Based Approach For Detecting, Quantifying, And Visualizing The Evolution Of Any Research Field Using Deep Learning Algorithms	2024
1 . Dr. V. Divya 2 . C BalaKamatchi 3 . Dr. S. Arunarani 4 . Dr. A. Bharathi 5 . Dr. U. Hemamalini 6 . Mrs. M Girija 7 . Mr.M Santhoshkumar 8 . Mrs.J.Saranya 9 . Mr. R. Pratheesh 10 . Dr.S.Kamalakkannan	202441030907	Hybrid Cloud Approach For Secure Authorized Deduplication Of Medical Record With Strong Encryption/Decryption Algorithms To Prevent From Cyber Attacks	2024

Mrs. Reshma Vishal Pawar, Dr. S. Umadevi	202441040683	Herbal Composition Consisting Of Acacia Catechu Extract Having Antidiabetic Potential And Thereof	2024
Dr. Indumathi R S Chandrashekara. A C Dr. Arvind Siddapuram Pramod S Sreekala C K Mrs. Swathi H R Dr G Purushothaman Dr. Suvarna Raagavendaran Dr.A. Saritha Dr. V. Dhayalan Anthony Savio Herminio da Piedade Fernandes VM Saravana	202441046903	Enhancing Learning Analytics Through Graph Theory And Machine Learning In Educational Feedback Systems	2024
Dr R PRABU	202441051506	Development Of Fabrication And Charcaterization Of Saw Dust Polymer Composite For Mechanical Applications	2024
Dr.Arun Raaza		Mobile Combat Controller	2024
Dr.T.Sudha	202341053224	Rp-Hplc Method For Estimation Of Methocarbamol In Pharmaceutical Dosage Form And Uses Thereof	2023
K. Karthickeyan	394703-001	Portable Topical Device For Estimation Of Duodenal Ulcer	2023
K. Karthickeyan	202341035784	Method For Identifying Herbal Compounds With Anti-Cancer Properties Using Machine Learning Techniques	2023

K. Karthickeyan	202311038905	Herbal Composition For The Treatment Of Cancer And Process Of Preparation Thereof	2023
P. Indhumathy	6305280	High Sensitivity Fluorescence Detector HPLC	2023
Dr. R, Gandhimathi	6304211	Phototherapy Apparatus for Investigating Antipsoriatic Activity in Animals	2023
Mandava Archana	6298619	Continuous Glucose Monitoring Systems with Insulin Pumps	2023
Prof N. G. Raghavendra Rao, Mrs Vidhya Kurubarahalli Subramanyam, Miss. Pimple Pooja Ramdas, Dr. Monika Rakse, Mr. Panshul Chauhan, Mr. Deepesh Lall, Mrs Kishori Nilesh Ahire, Dr. Ravi Kishor Agrawal, Dr Ramaiah Maddi, Mrs Nivathra Venkat	6327603	Artificial Intelligence based Medicine Expiry Detector	2023
B. Senthil Kumar, Jayanthiladevi, Sridevi	387914-001	Wireless Router	2023
Ms V. Vardhini, Et.al	402159-001	Artificial Intelligence Based Speech Recognition Device	2023
Dr.M.Nagalakshmi,Dr.V.Jaisre,Ms. Abeetha	202341063303	Neuro Linguistics Programming In The English Language Using The Algorithms Of Deep Learning Techniques	2023
Dr. G. Jayaraman, Mrs.A.Punitha	202341055745	Differential Equation Approximation Methods and Properties for Degenerate Q-Special Polynomials	2023
Dr. V.E. Sasikala, R.Sudha	202341031746	On Semi Star Pre Star Closed Set in Topological Spaces	2023
Dr. A.Lakshmi	202341048352	Machine learning Based Models to study the impact of content and Language integrated learning (CLIL)Methods in Teaching Mathematics	2023

Dr. G. Jayalalitha, Dr. R. Kamali	202321064054	Real-Time Adaptive Stochastic Differential Equation Inventory Model for Supply Chain Management	2023
Dr.A.Lakshmi	202341042591	Evaluation System For Stability Level of Mind By Stress Level Measurement Using Deep Learning	2023
Dr.K.Srinivasan	202341044492	Graph theory based Objective measurement of attributes of website	2023
G Charles Rabinson	202341082923	A System for development of Bayesian inference in Mathematical Statistics	2023
Dr.M.Raji & Mr.V.Raju	202341073622	Analysis And Study Of Mathematical Object-Based Approaches Used In Machine Learning, Computer Vision And Artificial Intelligence	2023
Dr.S.Baskar Et Al.,	404697-001	Water Can Lifting Device	2023
Dr.S.Baskar Et Al.,	402486-001	Wind Velocity Measuring Device	2023
Dr.S.Baskar Et Al.,	391950-001	Water Treatment Device	2023
Dr.S.Baskar Et Al.,	391444-001	Nanotechnology Based Antimicrobial Bandage Dispensing Device	2023

Dr. Kumaraswamy J Mr. Asheesh Sehgal Dr. Puneet Singh Gautam Mr. P. Padmalosan Dr. S. Ramasubramanian Dr. S.Padmanabhan Dr. N. Poyyamozi Mr. S. Sivabalan Mr. S. Baskar Dr. V SShaisundaram	388645-002	Portable Water Filter With Storage Tank	2023
Dr. Kumaraswamy J, Dr. V. Sampathkumar , Dr. S. Arunkumar , Dr. Subhash Chand, Mr. V. Hariprasath ,Dr. C. Gnanavel , Dr. N. Poyyamozi , Challa Parvathi Rudesh, Mr. S.Baskar , Dr. T. Vinod Kumar	388195-001	Uv Reactor For Water Treatment	2023
Dr. Arun Raaza , Dr. P. R. Kalyana Chakravarthy	395510-001	Rice dispenser	2023