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Submitted Patents

108



Approved Patents

106



Patents in Review/Revision

2



Rejected Patents

0



Patents Under Evaluation

0



202241052968	Design of IoT-Driven System for Identify Leaf Infection and Soil Property Prediction using Deep Learning Technique	100%	Approved	
202241053367	Self-Repairing Industry IoT-Based Automatic and Smart Solar Powered Egg Incubator	100%	Approved	
202241053365	"Emotion Detection Using Open CV Based Music Player In Machin Learning"	100%	Approved	
202241053348	ARTIFICIAL INTELLIGENCE BASED SMART IOT VEHICLE EMISSION AND PREDICTION SYSTEM FOR URBAN AREAS	100%	Approved	
202241053364	Power Generation using Hybrid Wind Energy and Bifacial Solar PV Systems	100%	Approved	



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202241053362	based on Machine Learning with Cloud Server	100%	Approved	
202241052976	Early detection of atherosclerosis using Machine learning for prediction of cardiac and cerebral Issues	100%	Approved	
202241053339	Theoretical investigation to conclude the role of microwaves during metal oxide based nano material synthesis process	100%	Approved	
202241053368	Design and fabrication of NaFePO ₄ / MWCNTs hybrid electrode material for sodium-ion battery	100%	Approved	
202241053359	SEQUENTIAL CHANGE IN ONE POT THREE COMPONENT PROTOCOL – A STEPPING STONE IN HETEROCYCLIC SYNTHESIS	100%	Approved	



202241044015	REDUCTION POTENTIAL OF NICKEL AND ZINC COATED CATALYTIC CONVERTERS	100%	Approved	
202241053716	Detect facial features and tag your friends using artificial intelligence	100%	Approved	
202241053415	Design of 3D Printing machine for making fasteners used in work holding devices on manufacturing application	100%	Approved	
202241053373	An Automated Machine Learning Tool for Predicting Student Performance Analysis	100%	Approved	
202241053616	Development of a Motorized Patient Handling and Elevating Chair	100%	Approved	
202241053349	IoT based smart wireless charging system for electric	100%	Approved	



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202241053350	Automated and Controlled Solar panel	100%	Approved	
202241053899	Manufacturing Process and Development of CO emission Controlled Material for application of road	100%	Approved	
202241053920	Manufacturing process of delayed volatility compound for bio-binder applications	100%	Approved	
202241054144	Design and Development of Friction Tester for Materials	100%	Approved	
202341073167	Nano Coated Low Heat Rejection Bio-Diesel Fueled Engine	100%	Approved	
202341073158	System and method for Smart Solar Power Bio Inspired Drones using Artificial Intelligence	100%	Approved	



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202341073219	Identification using Deep Learning algorithm	100%	Approved	
202341073220	Design and Manufacturing of Green Ash Paver Block by incorporating the egg shell and synthetic aggregates as fine and coarse aggregates	100%	Approved	
202341073155	Design of V-belt using hybrid fibre reinforcement and ceramic filler inclusion on epoxy matrix composite material	100%	Approved	
202341073166	DESIGN OF SOLAR-POWERED CYCLONE AIRDUST COLLECTOR USING IMPELLER	100%	Approved	
202341073169	SECURE BLOCKCHAIN TECHNOLOGY THROUGH MACHINE LEARNING ALGORITHM IN BOTNET	100%	Approved	



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202341073204	Keyboard Using IoT"	100%	Approved	
202341073225	Design and fabrication of a Pedal-Operated Twisting Rope-Making Machine cum Power Generation	100%	Approved	
202341073211	Wastewater Quality Assessment Using Ceramic Membrane	100%	Approved	
202341073202	ARTIFICIAL INTELLIGENCE ENABLED ASSISTIVE VEHICLE FOR CEREBRAL PALSY PERSONS	100%	Approved	
202341073208	A reconfigurable energy efficient toxic substance detector for fruits and vegetable using Deep Learning model	100%	Approved	
202341073761	Artificial Intelligence based Behaviour Personalised Shopping	100%	Approved	



Machine Learning Methods				
202341073161	IoT –Enabled Solar-powered Egg incubator: Revolutionizing smart and Sustainable Poultry Farming	100%	Approved	
202341073156	Photocatalytic Membranes from Lotus Fibers for Oil Water Separation and Degradation of Textile Dye	100%	Approved	
202341073653	Design And Fabrication Of Automatic Poultry Feeding And Egg Collection Setup Using Artificial Intelligence	100%	Approved	
202341073164	Smart Portable Embedded Sensor based Health and Location Monitoring System	100%	Approved	
202341073140	Design System of IoT driven Crop Suggestion Based on Soil Series and	100%	Approved	



learning

202341060689	PREPAID SMART ENERGY METER	100%	Approved	
202441014449	Computational investigation of biomimetic surface pattern to enhance the fluid flow over a surface	100%	Approved	
202441013971	Biodiesel production by using heterogeneous catalyst	100%	Approved	
202441013983	In Vitro Assessment of Piper betle Leaf phytochemical extracts for Urolithiasis Mitigation	100%	Approved	
202441013996	Kinetic study kit for liquid-liquid reaction using IoT technology	100%	Approved	
202441013976	Detecting forest fires in real time through the use of IOT technology	100%	Approved	



Learning				
202441014489	Enhanced Multilingual Assistant: Translate-Scan-Talk Using NLP	100%	Approved	
202441014442	Artificial Intelligence based Human Tolerant Virtual Shopping Assistant using Computer Vision and Deep Learning Methods	100%	Approved	
202441014454	Reverse Image Searching Technology	100%	Approved	
202441014456	A low-cost method utilizing coconut shell carbon to remove chromium from Industrial effluents	100%	Approved	
202441013989	Machine Learning – Based Decision Support System for Sustainable Agricultural Practices	100%	Approved	
202441014485	Designing Firewall for Home Network	100%	Approved	



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202441014443	Photovoltaic Assisted Impedance Source based Dynamic Voltage Restorer with improved Power Quality	100%	Approved	
202441014161	Enhancing lightweight car drum brake liner performance by the application of modified thermal barrier coating materials	100%	Approved	
202441014462	Hybrid Energy source Wireless Charging System for Electric Vehicle	100%	Approved	
202441014411	Development of Whey based functional beverage using Carrot and Ginger extract	100%	Approved	
202441014408	Farm Machinery Hiring Service System Using IoTs and Machine Learning	100%	Approved	



Learning		Revision		
202441014409	Sensor integrated wearable ai-powered airbag rider accident recognition system	100%	Approved	
202441076630	IOT-ENABLED PLASTIC AND E-WASTE DISPOSAL ATM FOR GREEN INITIATIVES	100%	Approved	
202441076877	Formulating a Durable Concrete by Leveraging Natural Admixtures	100%	Approved	
202441076647	In-Vitro Evaluation of Medicinal Properties in Citrus maxima extract	100%	Approved	
202441076631	"Fabrication of bio-copolymer using chicken feather waste and PBAT for food packaging"	100%	Approved	
Design and Development of stabilization				



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	to enhance pavement sub grade stability				
202441076550	Development of green tile with biocomposite coir and anans comosus fibre matrix using AI	100%	Approved		
202441076840	Development of Biodegradable palm based aerogel for absorption of highly viscous crude oil and organic solvents	100%	Approved		
202441076511	Voice Assisted SmartGlass	100%	Approved		
202441076624	Voice Controlled Home Automation Using Google Assistance	100%	Approved		
202441076553	EFFECTIVE WASTE MANAGEMENT SYSTEM FOR METRO CITIES	100%	Need Revision		
202441076650	Novel IoT Technology for Comprehensive Smart Traffic Management	100%	Approved		



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202441076529	IntelliBurn – An intelligent approach for conserving gas in cooking process	100%	Approved	
202441076526	PROMPTS TO SOLUTIONS: LEVERAGING GENERATIVE AI FOR INDUSTRIAL AND EDUCATIONAL APPLICATIONS	100%	Approved	
202441076841	“MediScope: AI-Powered Medication Image Analysis Using GenAI”	100%	Approved	
202441076524	AI – DRIVEN MULTIMODAL ATTENTION DETECTION SYSTEM FOR ONLINE MEETINGS	100%	Approved	
202441076645	Enhanced Index-Based GenMax Algorithm for Frequent Item Set Mining in Retail Marketing	100%	Approved	
	Machine Learning driven IoT System			



	Using Satellite and Drone Imagery			
202441076520	Enhancing Cyber Security Using Keylogging Prevention and Detection	100%	Approved	
202441076697	DEVELOPMENT OF NOVEL NATURAL FIBRE COMPOSITES	100%	Approved	
202441076636	Optimization and Energy Management in Smart Grid Connected Utility Systems	100%	Approved	
202441076832	An Intelligent Autonomous Surveillance Robot System Using AI Technology	100%	Approved	
202441076653	HUMANOID ROBOT AND HUMAN EXOSKELETON	100%	Approved	
202441076536	ANIMAL INTRUSION DETECTION BASED ON TEMPORAL	100%	Approved	



202441076839	DEVELOPMENT OF NANO COATED HSS TOOL FOR MACHINING COMPONENTS	100%	Approved	
202441076830	Optimization of Machining Conditions on Composite Materials Using Classical Optimization Techniques	100%	Approved	
202541012733	DEVELOPMENT AND EVALUATION OF BODY ARMOR INCORPORATING SHEAR THICKENING FLUIDS	100%	Approved	
202541012702	BIOMIMETIC SURFACE PATTERN SYSTEM AND METHOD FOR COMPRESSOR STATOR BLADES TO ENHANCE GAS TURBINE ENG	100%	Approved	
202541012697	DEVELOPMENT OF EMISSION REDUCTION USING BIODIESEL	100%	Approved	



CONVER				
202541012674	PROTOTYPE DEVELOPMENT OF SMART ADAPTIVE HYBRID JOINTS FOR AEROSPACE VEHICLES AND SYSTEM THE THEREOF	100%	Approved	
202541012735	Deep Learning Approach for Real-Time Identification and Classification of Rice Plant Diseases	100%	Approved	
202541012819	"AI DRIVEN FLOOD FORECASTING AND RESPONSE USING DEEP LEARNING"	100%	Approved	
202541012624	"AUTONOMOUS WATER SURFACE CLEANING ROBOT USING MACHINE LEARNING"	100%	Approved	
202541012627	Development of nano-formulation of native psidium guajava as hydrogel	100%	Approved	



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	202541012594	BORE OPERATIVE COMMUTE ELECTRIC TRICYCLE	100%	Approved	
	202541012603	IoT Enabled Smart Luggage Tracking and Theft Detection System using Explainable Artificial Intelligence	100%	Approved	
	202541012651	Development of Bio-Nano composite film by using Fish waste and Oryza sativa waste for Food Packaging	100%	Approved	
	202541012606	Implementation of a Voice and Tactile Feedback System in Wearable Devices for Visually Impaired User	100%	Approved	
	202541012602	Quantum Computing and Cryptography Integration: Securing the Future of Digital Communication	100%	Approved	
		ENERGY			



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	202541012607	EQUIPMENT USING AI FOR SUSTAINABLE POWER SOLUTIONS	100%	Approved	
	202541012774	REAL-TIME WILD ANIMAL DETECTION AND CLASSIFICATION USING YOLOv11: AN EFFICIENT APPROACH	100%	Approved	
	202541012630	Deep Learning- Based DenseNet with Regularized Extreme Learning for Rice Plant Disease Detection and Classification	100%	Approved	
	202541012750	AGRICULTURAL ROBOTICS AND AUTOMATED EQUIPMENT FOR SUSTAINABLE CROP PRODUCTION	100%	Approved	
	202541012592	EARLY DETECTION OF PEPPER LEAF DISEASES USING CNN-CAPSULE NETWORK DEEP LEARNING	100%	Approved	
		DEVELOPMENT OF			



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202541012700	COPPER TUBINGS TO IMPROVE COOLING SYSTEM ENERGY EFFICIENC	100%	Approved	
202541012598	Development of Potato Starch- Based Silver Nano Particles for Nitro Phenol Degradation	100%	Approved	
202541012583	A FACILE AND GREEN SYNTHESES OF TWO DIFERENT HETEROCYCLIC KETONES VIA ONE- POT, THREE COMPONET PROTOC	100%	Approved	
202541012587	PREDICTIVE ANALYSIS FOR DISEASES IN HUMAN BODY USING MACHINE LEARNING MODELS	100%	Approved	
202541012611	DESIGN AND FABRICATION OF A FLYWHEEL SPRING MACHINE FOR ELECTRIC POWER GENERATION	100%	Approved	



202541012773	Interlocking Bricks by using Eco Friendly Materials	100%	Approved	
202541012610	PASSENGERS SAFETY IN ECO- DRIVING ELECTRIC VEHICLES	100%	Approved	