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Patent	Title	Date of Filing	Applicant Name	IPR Filing Status	Application Number	Publication Date	Journal No	Page No	Date of Patent Granted	Patent Number	Department Name
Patent	A Method and System for Bayesian Neural Network-Based Residential Energy Optimization and Appliance Scheduling	24/11/2025	Manipal University Jaipur Jaipur	Published	202511115948	22/11/2024	02411085011	1			Computer Communication Engineering
Patent	AUTOMATED SYSTEM AND METHOD FOR RECOMMENDING INDIAN PENAL CODE (IPC) SECTIONS FROM DIGITIZED POLICE COMPLAINTS USING OCR AND CONTEXTUAL TEXT SIMILARITY ANALYSIS	22/04/2024	Manipal University Jaipur Jaipur	Applied	202511038341						Artificial Intelligence and Machine Learning
Patent	A CABLE-DRIVEN AUTONOMOUS WINDOW CLEANING ROBOTIC SYSTEM WITH PASSIVE ADHESION	18/12/2024	Manipal University Jaipur Jaipur	Grant	2020241073789	05/02/2025	1	1	05/02/2025	202024107378	Mechatronics Engineering
Patent	REAL-TIME SOS, PARTICIPANT TRACKING, CRIMINAL VERIFICATION, AND HIGH-RISK ZONE GEOFENCING SYSTEM	21/10/2024	Manipal University Jaipur Jaipur	Published	202411079707	01/11/2024	44/2024	101578			Computer Science Engineering
Patent	AN OPTIMIZED IOT SYSTEM FOR DETECTING QUESTION INTENT SIMILARITY USING COMPUTATIONAL APPROACHES	16/08/2024	Manipal University Jaipur Jaipur	Published	202411062046	30/08/2024	35/2024	76763			Computer Science Engineering
Patent	Truncated Microstrip Patch Antenna design using Jute substrate for biomedical applications	25/07/2024	Manipal University Jaipur Jaipur	Published	202411056468	09/08/2024	32/2024	70740			Electronics&Communication Engi
Patent	A RUBBER SHEATH MATERIAL FOR DIESEL LOCOMOTIVE CABLE	06/12/2024	Manipal University Jaipur Jaipur	Published	202411096937	27/12/2024	52/2024	129560			Mechanical Engineering
Patent	INTEGRATED PEROVSKITE SOLAR CELL WITH TRIBOELECTRIC NANOGENERATOR FOR DUAL-MODE ENERGY HARVESTING	06/12/2024	Manipal University Jaipur Jaipur	Published	202411096938	27/12/2024	52/2024	129561			Mechanical Engineering
Patent	A POLYPROPYLENE COMPOSITION AND PREPARATION METHOD THEREOF	19/10/2024	Manipal University Jaipur Jaipur	Published	202411079516	01/11/2024	44/2024	101432			Mechanical Engineering
Patent	A METHOD FOR OPTIMIZATION OF ENTROPY GENERATION IN MAGNETIZED RADIATIVE HYBRID NANOFUID FLOW	20/08/2024	Manipal University Jaipur Jaipur	Published	202411064806	13/09/2024	37/2024	17			Mathematics& Statistics
Patent	HOME POLLUTION CONTROL SYSTEM USING IOT DEVICE	30/07/2024	Manipal University Jaipur Jaipur	Published	20241057621A	16/08/2024	33/2024	72661			IoT and IS
Patent	IOT-BASED SYSTEM FOR DETECTING AND PROTECTING STREET CHILDREN FROM CHILD TRAFFICKING	06/01/2025	Manipal University Jaipur Jaipur	Published	202511001057A	22/11/2024	47/2024	108772			Computer Applications
Patent	INTELLIGENT NETWORK MOVING SMART SENSORS FOR FUTURE-SCANNING ENVIRONMENTAL MONITORING	20/10/2024	Manipal University Jaipur Jaipur	Published	202411079636	01/11/2024	44	101427			Information and Technology
Patent	A CCTV-Based Machine State Detection System and its Method	15/05/2024	Manipal University Jaipur Jaipur	Published	202411038038	31/05/2024	22/2024	49465			TSB
Patent	FACE RECOGNITION USING HYBRID IMAGE ENHANCEMENT, AND CONVOLUTIONAL NEURAL NETWORK WITH COSINE SIMILARITY	18/12/2024	Manipal University Jaipur Jaipur	Published	202411100257A	03/01/2025	1/2025	7			IoT and IS
Patent	Generative AI SaaS: Image Fusion	16/12/2024	Manipal University Jaipur Jaipur	Published	202411099415	03/01/2025	1/2025	473			Information and Technology
Patent	CULTURAL DATA VISUALIZATION DASHBOARD FOR ACADEMICS	18/11/2024	Manipal University Jaipur Jaipur	Published	202411089138	29/11/2024	48/2024	111422			Department of Languages,,Lite
Patent	A Personalized Medical Recommendation System (MEDISAGE)	24/10/2024	Manipal University Jaipur Jaipur	Published	202411080927	01/11/2024	44/2024	101687			Information and Technology
Patent	AN INTERACTIVE STORYTELLING SYSTEM WITH USER-DIRECTED PLOT CHOICES	06/11/2024	Manipal University Jaipur Jaipur	Published	202411084946	22/11/2024	47/2024	108661			Department of Languages,,Lite
Patent	Internet of Medical Things and Hyperledger Fabric-based Sustainable Healthcare Development Framework for Smart Cities	23/12/2024	Manipal University Jaipur Jaipur	Published	202511001731	24/01/2025	04/2025	9088			IoT and IS
Patent	HINGLISH HATEBERT: HATE SPEECH CLASSIFICATION IN HINGLISH LANGUAGE	26/12/2024	Manipal University Jaipur Jaipur	Published	202411103036	10/01/2025	02/2025	3183			Information and Technology
Patent	FA-NET: FUSED ATTENTION-BASED NETWORK FOR HINDI ENGLISH CODE-MIXED OFFENSIVE TEXT CLASSIFICATION	31/12/2024	Manipal University Jaipur Jaipur	Published	202411104757	10/01/2025	02/2025	3318			Information and Technology
Patent	CODE MIXED HYBRID EMBEDDING BASED ATTENTION NETWORK FOR AGGRESSION IDENTIFICATION IN HINDI ENGLISH CODE-MIXED TEXT	31/12/2024	Manipal University Jaipur Jaipur	Published	202411104758	10/01/2025	02	3319			Information and Technology

Patent	Scene Description assistance system and method for the Visually Impaired	22/10/2024	Manipal University Jaipur Jaipur	Published	202411080218	01/11/2024	44/2024	101562			Information and Technology
Patent	A METHOD FOR EMOTION CLASSIFICATION IN HINGLISH SOCIAL MEDIA TEXT USING SUPERVISED MACHINE LEARNING ALGORITHMS	26/07/2024	Manipal University Jaipur Jaipur	Published	202411056807	09/08/2024	32/2024	70781			Information and Technology
Patent	A system and method for signboard translation from vernacular languages	26/07/2024	Manipal University Jaipur Jaipur	Published	202411056808	09/08/2024	32/2024	70726			Information and Technology
Patent	INTERNET ENABLED REMOTE CONTROLLED SYSTEM FOR LONG-RANGE CONTROL AND VIDEO STREAMING	22/08/2024	Manipal University Jaipur Jaipur	Published	202411063297	30/08/2024	35	13			Information and Technology
Patent	Understanding Consumer Green Finance and UN Sustainable Development Goals (SDGs): A New Path Towards Sustainability	18/12/2024	Manipal University Jaipur Jaipur	Published	202411100255	03/01/2025	1/2025	520			Commerce
Patent	HydroWatch	11/11/2024	Manipal University Jaipur Jaipur	Published	202411086633	22/11/2024	47/2024	108968			IoT and IS
Patent	BIANCHI TYPE-III INFLATIONARY UNIVERSE FOR PERFECT FLUID DISTRIBUTION USING COSMOLOGICAL CONSTANT IN GENERAL RELATIVITY	06/11/2024	Manipal University Jaipur Jaipur	Published	202411084892	22/11/2024	47/2024	108630			Mathematics& Statistics
Patent	DEEP ARTIFICIAL IMMUNE SYSTEM (DAIS) FOR INTRUSION DETECTION IN IOT ECOSYSTEMS	08/11/2024	Manipal University Jaipur Jaipur	Published	202411085735	22/11/2024	47/2024	108772			Computer Applications
Patent	AN INTELLIGENT FIREFIGHTING SYSTEM BASED ON IOT	08/11/2024	Manipal University Jaipur Jaipur	Published	202411085736	08/11/2024	47/2024	108772			Computer Applications
Patent	Centrality-Based Seed Node Selection for Optimal Influence Maximization in Networks	28/08/2024	Manipal University Jaipur Jaipur	Published	202411064820	13/09/2024	37/2024	81815			Information and Technology
Patent	A Smart Mosquito Repellent Machine	18/11/2024	Manipal University Jaipur Jaipur	Published	202411089029	29/11/2024	48/2024	111532			Information and Technology
Patent	A GestureSync Music Controller System	11/11/2024	Manipal University Jaipur Jaipur	Published	202411086632	22/11/2024	47/2024	108967			IoT and IS
Patent	AN ADVANCED REGISTRATION SYSTEM USING ARDUINO AND RFID TECHNOLOGY	18/07/2024	Manipal University Jaipur Jaipur	Published	202411054795A	16/08/2024	33/2024	72661			IoT and IS
Patent	HOME POLLUTION CONTROL SYSTEM USING IOT DEVICE	30/07/2024	Manipal University Jaipur Jaipur	Applied	202412057621A						IoT and IS
Patent	A NOVEL TECHNIQUE FOR LOCATION INDEPENDENT OBJECT BASED IMAGE RETRIEVAL	28/11/2024	Manipal University Jaipur Jaipur	Published	202411093046	03/01/2025	1/2025	80			Computer and communication Eng
Patent	A SYSTEM FOR RETRIEVAL OF TEXTURE VISION USING ADAPTIVE TETROLET TRANSFORMS	11/11/2024	Manipal University Jaipur Jaipur	Published	202411086665	22/11/2024	47/2024	108970			Computer and communication Eng
Patent	OFFLINE VOICE-ENABLED GEOSPATIAL SYSTEM FOR MULTIMODAL INTERACTION AND REAL-TIME DATA PROCESSING	22/11/2024	Manipal University Jaipur Jaipur	Published	202411090864	06/12/2024	49/2024	114465			Artificial Intelligence and Ma
Patent	WEARABLE DEVICE FOR REAL-TIME DETECTION OF OBSTRUCTIVE SLEEP APNEA USING DEEP LEARNING	22/11/2024	Manipal University Jaipur Jaipur	Published	202411090865	06/12/2024	49/2024	114466			Artificial Intelligence and Ma
Patent	A GEOFENCE BASED ATTENDANCE SYSTEM	25/10/2024	Manipal University Jaipur Jaipur	Published	202411081496	08/11/2024	45/2024	103940			Computer Science Engineering
Patent	SMART ENERGY METER & DASHBOARD SYSTEM FOR ENHANCED ENERGY UTILIZATION AND MONITORING	14/12/2024	Manipal University Jaipur Jaipur	Published	202411099171	03/01/2025	1/2025	342			Mechatronics Engineering
Patent	NEOTERIC DIVERGENCE MEASURE FOR REFINED INTERVAL-VALUED NEUTROSOPHIC SETS AND ITS APPLICATION IN DECISION MAKING	17/05/2024	Manipal University Jaipur Jaipur	Published	202411038722	31/05/2024	22/2024	49477			Mathematics& Statistics
Patent	IOT ENABLED SMART CHIMNEY	30/07/2024	Manipal University Jaipur Jaipur	Published	202411057553	16/08/2024	33/2024	72690			Information and Technology
Patent	TECHNIQUES FOR SMART MOBILITY IN WIRELESS SENSOR NETWORKS	23/10/2024	Manipal University Jaipur Jaipur	Published	202411080483A	02/11/2024	202411080483	1			Electronics&Communication Engi
Patent	REVOLUTIONIZING FOOD LABELLING: MULTILINGUAL QR CODES FOR ENHANCED TRANSPARENCY ON PACKAGED PRODUCTS	11/09/2024	Manipal University Jaipur Jaipur	Published	202411068576	04/10/2024	40/2024	54			Information and Technology
Patent	A SMART CLASSROOM SYSTEM WITH PHONE LOCK, AUTOMATED ATTENDANCE, AND REAL-TIME LEARNING ANALYTICS	27/11/2024	Manipal University Jaipur Jaipur, Manipal University Jaipur Jaipur, Manipal University Jaipur Jaipur	Published	202411092995A	03/01/2025	1/2025	66			Computer and communication Eng
Patent	Novel Dynamics in a Discrete-Time Two-Species Model with Harvesting Influences and Ratio-Dependent Interactions	03/07/2024	Manipal University Jaipur Jaipur	Published	202411051969	26/07/2024	30/2024	64347			IoT and IS

Patent	A PORTABLE BONE CANCER DETECTION SYSTEM WITH ADVANCED IMAGING TECHNOLOGY	11/11/2024	Manipal University Jaipur Jaipur	Published	202411086607	22/11/2024	47/2024	108959			Information and Technology
Patent	ONLINE CODING ASSESSMENT PLATFORM (OCAP)	27/11/2024	Manipal University Jaipur Jaipur	Published	202411092518	03/01/2025	1/2025	58			Computer Science Engineering
Patent	An advanced system for number plate detection and recognition using deep learning techniques	08/07/2024	Manipal University Jaipur Jaipur	Published	202411052124	26/07/2024	30/2024	64281			Computer Science Engineering
Patent	QUANTUM CELLULAR AUTOMATA-BASED CRYPTOGRAPHIC SYSTEM FOR THE NISQ ERA	16/12/2024	Manipal University Jaipur Jaipur	Published	202411099418	03/01/2025	1/2025	494			Computer Science Engineering
Patent	Deep Residual U-Net for Colonoscopy Polyp Segmentation Using Bottleneck Attention Module	16/12/2024	Manipal University Jaipur Jaipur	Published	202411099456	03/01/2025	1/2025	3			Information and Technology
Patent	A method for detecting Polyps in Colonoscopy Images using a Bi-Directional Conv-LSTM U-Net and Densely Connected Convolution	16/12/2024	Manipal University Jaipur Jaipur	Published	02411099457	03/01/2025	1/2025	3			Information and Technology
Patent	IOT-INTEGRATED TRANSFORMATION-BASED FEATURE EXTRACTION FRAMEWORK IN PROPOSED MODEL FOR BRAIN TUMOR DETECTION	23/08/2024	Manipal University Jaipur Jaipur	Published	202411059545	23/08/2024	34/2024	74367			Computer and communication Eng
Patent	Novel divergence measure under neutrosophic environment and its utility in various problems of decision making	17/05/2024	Manipal University Jaipur Jaipur	Published	202411038718	31/05/2024	22/2024	49477			Mathematics& Statistics
Patent	A NOVEL CONTROL FRAMEWORK (NCF) TO IMPROVE REAL-TIME STABILITY IN SOLAR-INTEGRATED POWER GRIDS	17/12/2024	Manipal University Jaipur Jaipur	Published	202411099829	03/01/2025	1/2025	412			Electrical Engineering
Patent	Enhanced IoT System Integrating Advanced Multi-Sensor Suite with XAI for Real-Time, Privacy-Preserving Healthcare and Environmental Monitoring	25/11/2024	Manipal University Jaipur Jaipur	Published	202411091606	13/12/2024	50/2024	117500			Computer Science Engineering
Patent	Effect of Matrix Partitioning on Second Order Statistics of Fading Channels in IoTEnabled Mobile Communication Systems	06/11/2024	Manipal University Jaipur Jaipur	Published	202411084999	22/11/2024	47/2024	108658			IoT and IS
Patent	NON-INVASIVE FLEXIBLE BIOSENSOR FOR BONE HEALTH MONITORING AND PROCESS OF PREPARATION THEREOF	12/12/2024	Manipal University Jaipur Jaipur	Applied	202411099170						Mechanical Engineering
Patent	BALANCED PAIRING CHECKSUM	31/12/2024	Manipal University Jaipur Jaipur	Published	202411104767	10/01/2025	02/2025	3329			Computer and communication Eng
Patent	DESIGNING OF PLC BASED PID CONTROLLER FOR HOT WATER FLOW CONTROL SYSTEM BY INTEGRATING TEMPERATURE AND FLOW PROCESS TRAINER KITS	23/12/2024	Manipal University Jaipur Jaipur	Published	202411101825	10/01/2025	02/2025	3181			Electrical Engineering
Patent	POWER EFFICIENT STANDARD TERNARY INVERTER USING CNTFET	14/11/2024	Manipal University Jaipur Jaipur	Published	202411088049A	29/11/2024	49/2024	111249			Electronics&Communication Engi
Patent	An epoxy-modified coating composition to enhance the anti corrosion performance of aluminu	25/11/2024	Manipal University Jaipur Jaipur	Published	202411091573	06/12/2024	49	2024			Chemistry
Patent	A Smart Internet of Things-Based System to Ensure the Security of Women	28/11/2024	Manipal University Jaipur Jaipur	Published	202411093055	03/01/2025	1/2025	9			IoT and IS
Patent	Automation of Animation by Video Generator	07/08/2024	Manipal University Jaipur Jaipur	Published	202411059583	23/08/2024	34/2024	74376			Computer Science Engineering
Patent	PRINTED CIRCUIT BOARD LAYOUT TRANSFER USING MODIFIED LAMINATOR	18/11/2024	Manipal University Jaipur Jaipur	Published	202411089129	29/11/2024	48/2024	111421			Computer Science Engineering
Patent	A system to provide checklist for Investing in Indian Financial Sector for Bankruptcy Risk Mitigation and Economic Growth	31/12/2024	Manipal University Jaipur Jaipur	Published	202411104755	10/01/2025	02/2025	3317			Directorate of Online Educatio
Patent	System and Method for Real-Time Gesture-Controlled LED Operation Using Machine Learning and Computer Vision Techniques	31/12/2024	Manipal University Jaipur Jaipur	Published	202511008629	21/02/2025	08/2025	113			Artificial Intelligence and Ma
Patent	Sweat-Based Biometric Authentication System	25/12/2024	Manipal University Jaipur Jaipur	Published	202411102965	03/01/2025	1/2025	693			Mechatronics Engineering
Patent	AI-Powered Typing Speed Tester with Dynamic Sentence Generation and Performance Analysis	31/12/2024	Manipal University Jaipur Jaipur	Published	202511008641	21/02/2025	08/2025	26			Artificial Intelligence and Ma
Patent	INTELLIGENT TEMPERATURE-ADAPTIVE CLOTHING USING THERMAL SENSORS AND SMART FABRICS	25/12/2024	Manipal University Jaipur Jaipur	Published	202411103032	03/01/2025	1/2025	763			Mechatronics Engineering
Patent	SMART CAR WASH AUTOMATION SYSTEM	31/12/2024	Manipal University Jaipur Jaipur	Published	202411105233	10/01/2025	02/2025	26			Artificial Intelligence and Ma
Patent	HAND GESTURE-CONTROLLED DRONE SYSTEM	31/12/2024	Manipal University Jaipur Jaipur	Published	202411105180	10/01/2025	02/2025	19			Artificial Intelligence and Ma

Patent	A Smart Mosquito Repellent Machine	18/11/2024	Manipal University Jaipur Jaipur	Applied	202411025756						Information and Technology
Patent	A HOMOTOPY PERTURBATION METHOD (HPM) WITH THE CAPUTO-FABRIZIO FRACTIONAL DERIVATIVE (CFD) TO ANALYSE AND PREDICT THE BEHAVIOR OF AN ARBITRARY ORDER FRACTIONAL JAULENT-MIODEK SYSTEM	18/11/2024	Manipal University Jaipur Jaipur	Published	202411089182A	29/11/2024	8/2024	111428			Mathematics& Statistics
Patent	Fluorescent laptop key board guard	31/12/2024	Manipal University Jaipur Jaipur	Published	202411105168	10/01/2025	02/2025	3462			Mechanical Engineering
Patent	ROLE OF FIXED-POINT THEORY IN ATMOSPHERIC SCIENCE FOR A FRACTIONAL DIFFERENTIAL EQUATION	02/12/2024	Manipal University Jaipur Jaipur	Published	202411094675A	20/12/2024	51/2024	120211			Mathematics& Statistics
Patent	A Method and System for Parametric Estimation and Optimal Availability Prediction of RMC Mixture Plant Using Metaheuristic Algorithms	10/10/2024	Manipal University Jaipur Jaipur	Published	202411076888	18/10/2024	42/2024	96401			Mathematics& Statistics
Patent	HydroElectric Power Plant Optimization Using Mathematical Modeling and ANFIS Computing	27/05/2024	Manipal University Jaipur Jaipur	Published	202411040873	07/06/2024	23/2024	51613			Mathematics& Statistics
Patent	Metaheuristic Algorithms for Performance Optimization in Logistics-Centric Cyber-Physical Systems	27/05/2024	Manipal University Jaipur Jaipur	Published	202411040874	07/06/2024	23/2024	51614			Mathematics& Statistics
Patent	A SYSTEM FOR ENHANCED SECURITY OF SMART HOME GATEWAYS BY COMBINING Q-LEARNING ALGORITHM WITH BLOCKCHAIN TECHNOLOGY	06/11/2024	Manipal University Jaipur Jaipur	Published	202411085011A	22/11/2024	02411085011	1			Computer and communication Eng
Patent	Title: A Graph Convolutional-Based Cryptographic (GCBC) Framework for Enhanced Security and Efficiency in Healthcare Image Networks	18/11/2024	Manipal University Jaipur Jaipur	Published	202411089193A	29/11/2024	02411089193	1			Computer and communication Eng
Patent	FTL-COV19: A TRANSFER LEARNING METHOD FOR COVID-19 DETECTION	17/10/2024	Manipal University Jaipur Jaipur	Published	202411078777	25/10/2024	43.2024	98648			Computer Science Engineering
Patent	AUTOMATIC PNEUMONIA IDENTIFICATION AND CATEGORIZATION USING CHEST X-RAY SCANS VIA DEEP LEARNING	17/10/2024	Manipal University Jaipur Jaipur	Published	202411078776	25/10/2024	43/2024	98647			Computer Science Engineering
Patent	PREDICTIVE MODELLING FOR CAR ACCIDENT DETECTION: LEVERAGING AI AND MACHINE LEARNING	17/10/2024	Manipal University Jaipur Jaipur	Published	202411078775	25/10/2024	43/2024	98637			Computer Science Engineering
Patent	DUAL-BLADE MANUAL SCISSORS FOR PRECISION COLLAR CUTTING	18/12/2024	Manipal University Jaipur Jaipur	Published	202411100209	03/01/2025	1/2025	464			Fashion Designing
Patent	MULTI-CRITERIA DECISIONMAKING FRAMEWORK FOR EVALUATING THE PERFORMANCE OF EQUITY MUTUAL FUNDS USING INTEGRATED RISK, RETURN, AND QUALITATIVE MEASURES WITH TOPSIS AND PANEL REGRESSION	25/11/2024	Manipal University Jaipur Jaipur	Published	202411091538	06/12/2024	49/2024	114672			Business Administration
Patent	Process-Driven Framework for Integrating Personality Development into Entrepreneurial Education to Boost Entrepreneurial Intentions	12/11/2024	Manipal University Jaipur Jaipur	Published	202411087006	29/11/2024	48/2024	111247			Business Administration
Patent	Athlete Coping Mechanism Strategy: A Process for Stress Management and Performance Optimization	06/11/2024	Manipal University Jaipur Jaipur	Published	202411084975	22/11/2024	47/2024	108662			Business Administration
Patent	A Schumann resonance system for the treatment of ADHD	14/11/2024	Manipal University Jaipur Jaipur	Grant	202024106575	05/12/2024	A61M21/00	1	05/12/2024	A61M21/00	Electronics&Communication Engl
Patent	Methods for estimating Virtual Water Scarcity Index in Food Production in Arid and Semi-arid Region	28/11/2024	Manipal University Jaipur Jaipur	Published	202411093000	03/01/2025	202411093000	1			Economics
Patent	A POWER OPTIMIZED CNTFET-BASED TERNARY DECODER	28/08/2024	Manipal University Jaipur Jaipur	Published	202411064816A	13/09/2024	37/2024	81814			Electronics&Communication Engl
Patent	Safety and Compliance Management System	24/12/2024	Manipal University Jaipur Jaipur	Published	202411102379	03/01/2025	1/2025	644			Computer Applications
Patent	Bluetooth-Enabled Stethoscope with Integrated Heart Rate Monitor	02/12/2024	Manipal University Jaipur Jaipur	Published	202411094555	20/12/2024	51/2024	120201			Computer and communication Eng
Patent	A Smart Tennis Performance Analyzer	22/10/2024	Manipal University Jaipur Jaipur	Published	202411080086	01/11/2024	44/2024	101486			Computer and communication Eng
Patent	Bin Smart: An AI and IoT Integrated Intelligent Waste Management Solution	27/12/2024	Manipal University Jaipur Jaipur	Published	202411105123	10/01/2025	02/2025	24			Artificial Intelligence and Ma

Patent	AN IOT-INTEGRATED REAL-TIME SYSTEM FOR WATER QUALITY MONITORING	05/11/2024	Manipal University Jaipur Jaipur	Published	202411084370	15/11/2024	46	106537			Electrical Engineering
Patent	METHOD FOR UPCYCLING DISCARDED FABRIC INTO INNOVATIVE AND FUNCTIONAL PRODUCTS FOR SUSTAINABLE TEXTILE WASTE MANAGEMENT	14/11/2024	Manipal University Jaipur Jaipur	Published	202411087969	29/11/2024	48/2024	111360			Fashion Designing
Patent	A CABLE-DRIVEN AUTONOMOUS WINDOW CLEANING ROBOTIC SYSTEM WITH PASSIVE ADHESION	13/11/2024	Manipal University Jaipur Jaipur	Published	202411087624	29/11/2024	48/2024	14			Mechatronics Engineering
Patent	Cleanslate: Holistic Digital Strategy for Tracking Nicotine Use in Quitting	03/12/2024	Manipal University Jaipur Jaipur	Published	202411094923	20/12/2024	51/2024	120205			Artificial Intelligence and Ma
Patent	SYSTEM AND METHOD FOR DETECTING, IDENTIFYING AND CLASSIFYING MEDIA BIAS IN INDIAN POLITICAL NEWS	11/12/2024	Manipal University Jaipur Jaipur	Published	202411098035	03/01/2025	1/2025	280			Journalism & Mass Communicatio
Patent	Schumann resonance entrainment system for ADHD management	16/09/2024	Manipal University Jaipur Jaipur	Published	202411069829	04/10/2024	40/2024	90181			Electronics&Communication Engi
Patent	E-PURCHASE SATISFACTION MODEL FOR ENHANCING ONLINE CONSUMER EXPERIENCE	24/10/2024	Manipal University Jaipur Jaipur	Published	202411080876	01/11/2024	44/2024	101619			Business Administration
Patent	IMPACT OF NPAS ON BRAND EQUITY OF PUBLIC AND PRIVATE SECTOR BANKS	11/10/2024	Manipal University Jaipur Jaipur	Published	202411077181	25/10/2024	43/2024	98490			Business Administration
Patent	NeuroTech Breakthrough: Real-Time Emotion Recognition with Advanced EEG and BCI Integration	22/11/2024	Manipal University Jaipur Jaipur	Published	202411090934	06/12/2024	49/2024	114494			Computer Science Engineering
Patent	A Model of Workflow Optimization for Organisational Development	07/11/2024	Manipal University Jaipur Jaipur	Published	202411085288	22/11/2024	47/2024	108713			Psychology
Patent	WISDOM: A MODEL FOR EVALUATING THE LINKAGES AMONG ORGANIZATIONAL ROLE STRESS, LEARNED HELPLESSNESS, PERFORMANCE AND SATISFACTION AMONG EDUCATORS AS A SOCIAL ASSET	12/11/2024	Manipal University Jaipur Jaipur	Published	202411087060	13/12/2024	50/2024	117429			Computer and communication Eng
Patent	A CELLULAR BIOSORBENT FOR ARSENIC REMOVAL AND PROCESS FOR PREPARATION THEREOF	18/11/2024	Manipal University Jaipur Jaipur	Published	202411089089	29/11/2024	48/2024	111419			Biosciences
Patent	Eco-Friendly Leather Derived from Orange Waste	20/06/2024	Manipal University Jaipur Jaipur	Published	0202411047348	05/07/2024	27/2024	58128			Fashion Designing
Patent	SMART UMBRELLA WITH WIND DETECTION AND SMARTPHONE INTEGRATION	16/12/2024	Manipal University Jaipur Jaipur	Published	202411099733	03/01/2025	1/2025	21			Mechanical Engineering
Patent	LIFE-SAVING SMART FOOTWEAR	20/08/2024	Manipal University Jaipur Jaipur	Published	202411062737	30/08/2024	352024	76784			IoT and IS
Patent	Eco-Friendly Routing System For Urban Transportation Using Digital Twin	11/11/2024	Manipal University Jaipur Jaipur	Published	202411086979	29/11/2024	48/2024	111217			IoT and IS
Patent	WALL MOUNTED ROOMCOOLER WITH BOTTOM AIR BLOWER	30/11/2024	Manipal University Jaipur Jaipur	Published	202411094161	03/01/2025	1/2025	132			Mechanical Engineering
Patent	SOFTWARE DEVELOPMENT PROCESS SECURITY PROCEDURES: A SAFE FOUNDATION FOR SUSTAINABLE SMART CITIES	08/11/2024	Manipal University Jaipur Jaipur	Published	202411085775	22/11/2024	47/2024	108760			Computer Applications
Patent	A GRAPHICAL PASSWORD AUTHENTICATION SYSTEM	08/11/2024	Manipal University Jaipur Jaipur	Published	202411085771	22/12/2024	47/2024	108750			Computer Applications
Patent	A SYSTEM AND METHOD FOR IMPLEMENTING DATA CONSISTENCY IN CLOUD-NATIVE DATABASES	08/11/2024	Manipal University Jaipur Jaipur	Published	202411085774	22/11/2024	47/2024	108751			Computer Applications
Patent	INTELLIGENT DUSTBIN FOR AUTOMATIC COMPOSTING OF ORGANIC AND INORGANIC WASTE	22/08/2024	Manipal University Jaipur Jaipur	Published	202411063514	30/08/2024	35/2024	76834			Data Science and Engineering
Patent	Sustainable Concrete Composition with Copper Tailings as a Partial Replacement for Natural Sand	11/12/2024	Manipal University Jaipur Jaipur	Published	202411098108	03/01/2025	1/2025	213			Civil Engineering
Patent	An integrated solar PV and water heater system for improving energy efficiency	11/12/2024	Manipal University Jaipur Jaipur	Published	202411097771	03/01/2025	01/2025	208			Mechanical Engineering
Patent	Portable Decentralized Low-Pressure Multipurpose Grain Saver System	06/10/2024	Manipal University Jaipur Jaipur	Grant	202407577	30/04/2025	4	335	30/04/2025	2024/07577	Mechatronics Engineering
Patent	SYSTEM AND METHOD FOR ENHANCING SELF-ESTEEM AMONG TAXPAYERS AND IMPROVING INCOME TAX COLLECTION THROUGH DIRECT TAXATION POLICY CHANGES IN INDIA	14/10/2024	Manipal University Jaipur Jaipur	Published	202411077660	25/10/2024	43/2024	98642			Commerce
Patent	INTEGRATED FRAMEWORK FOR URBAN CLEANLINESS BY ENHANCING MUNICIPAL EFFICIENCY AND CITIZEN ENGAGEMENT IN JAIPUR FOR ACHIEVING SDGS	14/10/2024	Manipal University Jaipur Jaipur	Published	202411077661	25/10/2024	43/2024	98643			Commerce

Patent	A MODERATING EFFECT OF TRUST ON BEHAVIOURAL INTENTION: ANALYSIS OF CRYPTIC FACTORS IN THE USE OF DIGITAL PAYMENT APPS	14/10/2024	Manipal University Jaipur Jaipur	Published	202411077642	25/10/2024	43/2024	98640			Commerce
Patent	A novel process of optimizing usage of formal financial services of micro and small industries	05/11/2024	Manipal University Jaipur Jaipur	Published	202411084546	15/11/2024	46/2024	106590			Commerce
Patent	STRATEGIC EXIT FRAMEWORK: COMPREHENSIVE SOLUTIONS FOR PRIVATE EQUITY AND VENTURE CAPITAL	21/10/2024	Manipal University Jaipur Jaipur, Gurukula Kangri Deemed to be University, Haridwar Haridwar, Gurukula Kangri Deemed to be University, Haridwar Haridwar	Applied	202411079889A						Business Administration
Patent	PV Solar-Powered Desalination System for Saltwater Vaporization and Condensation with Integrated Mineral Enrichment and Sensor-Based Monitoring & Control	21/10/2024	Manipal University Jaipur Jaipur	Published	202411079688	01/11/2024	44/2024	101541			Electrical Engineering
Patent	Hybrid System for Electricity Generator Using Triboelectric Nanogenerators and PV System	21/10/2024	Manipal University Jaipur Jaipur	Published	202411079689	01/11/2024	44/2024	101542			Electrical Engineering
Patent	Low-Cost Receiver Heat Exchanger With Enhanced Heat Transfer For Solar Thermal Concentrators	30/12/2024	Manipal University Jaipur Jaipur	Published	202411094158	03/01/2025	01/2025	131			Mechanical Engineering
Patent	Polymer Clay Monolith Composite For Dye Removal And The Process Of Synthesis Thereof	26/11/2024	Manipal University Jaipur Jaipur	Published	202411092521	13/12/2024	50/2024	117569			Department of Biotechnology an
Patent	PHONE CASE WITH INTEGRATED WIRELESS EARBUD HOLDER AND CHARGING COMPARTMENT	18/11/2024	Manipal University Jaipur Jaipur	Published	202411089085A	29/11/2024	48/2024	20			Mechanical Engineering
Patent	A SMART DEVICE FOR AUTOMATED IDENTITY VERIFICATION AND SERVICE ACCESS	08/11/2024	Manipal University Jaipur Jaipur	Published	202411085925	22/11/2024	47/2024	108805			Data Science and Engineering
Patent	Autonomous AI-Driven Target Engagement System with Real-Time Tracking and Projectile Mechanism	02/12/2024	Manipal University Jaipur Jaipur	Published	202411094556A	20/12/2024	51/2024	120209			Computer Science Engineering
Patent	A LOW-CARBON SUSTAINABLE CONCRETE BRICK AND PREPARATION METHOD THEREOF	12/11/2024	Manipal University Jaipur Jaipur	Published	202411086992A	29/11/2024	48/2024	111246			Civil Engineering
Patent	A GEOPOLYMER ROOF TILES PRODUCED FROM RECYCLED GLASS AND PREPARATION METHOD THEREOF	12/11/2024	Manipal University Jaipur Jaipur	Published	202411086991	29/11/2024	48/2024	111220			Civil Engineering
Patent	AN ECO-FRIENDLY, ENERGY-EFFICIENT AND LIGHTWEIGHT GEOPOLYMER BRICK AND PREPARATION METHOD THEREOF	12/11/2024	Manipal University Jaipur Jaipur	Published	202411086990	29/11/2024	48/2024	111219			Civil Engineering
Patent	EARLY DETECTION OF SUICIDAL TENDENCIES THROUGH EVALUATION OF SEVIER DEPRESSION DETECTION BY IMAGE AND VIDEO ANALYSIS	17/07/2024	Manipal University Jaipur Jaipur	Published	202411054505	02/08/2024	31/2024	67927			Computer and communication Eng
Patent	A SMART AUDIO ASSISTANT FOR VIRTUALLY IMPAIRED USING COMPUTER VISION	14/07/2024	Manipal University Jaipur Jaipur	Published	202411054251	02/08/2024	31/2024	67921			Computer and communication Eng
Patent	AN INNOVATIVE MODEL OF NATIONAL GREEN BANK FOR SUSTAINABLE FINANCING	14/10/2024	Manipal University Jaipur Jaipur	Published	202411077677	25/10/2024	43/2024	98650			Commerce
Patent	System And Method For Simulating Non-Newtonian Fluid Dynamics In Bone Tissue	26/11/2024	Manipal University Jaipur Jaipur	Published	202411092381	13/12/2024	50/2024	117548			Mechanical Engineering
Patent	Machine Learning-Based System For Predicting Bone Mineral Apposition Rate In Response To Physiological loading	26/11/2024	Manipal University Jaipur Jaipur	Published	202411092376	13/12/2024	50/2024	117546			Mechanical Engineering
Patent	DYNAMIC OPTICAL IMAGE ENCRYPTION WITH MULTI-LAYER CHAOTIC MAPPING FOR SECURE VIDEO CONFERENCING	13/08/2024	Manipal University Jaipur Jaipur	Published	202411061326A	30/08/2024	35/2024	76730			Computer and communication Eng
Patent	FICTIONAL STEERING BASED LOW-COST ROBOT FOR CURVE PATH	19/10/2024	Manipal University Jaipur Jaipur	Published	202411079520	01/11/2024	44/2024	101433			IoT and IS
Patent	AI DRIVEN INSIDER TRADING AND MARKET MANIPULATION DETECTION SYSTEM	22/10/2024	Manipal University Jaipur Jaipur	Published	202411080084	01/11/2024	44/2024	101485			Computer and communication Eng
Patent	A hydrogel nanocomposite based on polyacrylamide (PAM) and preparation method thereof	14/11/2024	Manipal University Jaipur Jaipur	Published	202411088023	29/11/2024	48/2024	111248			Chemistry
Patent	DIAGNOSTICS, REPAIR RECOMMENDATIONS AND PREDICTIVE MAINTENANCE FOR VEHICLES BASED ON OBD II USING FOG COMPUTING	18/11/2024	Manipal University Jaipur Jaipur	Published	202411089086	29/11/2024	48/2024	26			Computer and communication Eng
Patent	THERMOSIPHON BASED SOLAR COOKINGSTOVE WITH FINNED GRIDDLE FOR ENHANCEDHEAT TRANSFER	18/11/2024	Manipal University Jaipur Jaipur	Request for Examination	202411089080	29/11/2024	48/2024	111534			Mechanical Engineering

Patent	SILICON DIOXIDE NANOPARTICLES AS ELICITOR FOR INCREASED REBAUDIOSIDE A CONTENT IN STEVIA REBAUDIANA MICROPROPAGATED IN LIQUID CULTURES	21/10/2024	Manipal University Jaipur Jaipur	Published	202411079856A	01/11/2024	44/2024	101608			Biosciences
Patent	Enhancing rebaudioside-A production in Stevia rebaudiana micropropagation through silicon dioxide nanoparticles elicitation in solid cultures	21/10/2024	Manipal University Jaipur Jaipur	Published	202411079855A	01/11/2024	44/2024	101607			Biosciences
Patent	A SMART METHANE POTENTIAL MEASUREMENT DEVICE	12/07/2024	Manipal University Jaipur Jaipur	Grant	LXG5364	08/08/2024	20 2024 103 888	6	08/10/2024	G01D 21/02	Mechatronics Engineering
Patent	Automated Wardrobe Organizer for Books, Clothes and Personal Stuff	11/11/2024	Manipal University Jaipur Jaipur	Published	202411086582	22/12/2024	47/2024	108956			Mechanical Engineering
Patent	Green Energy-Efficient Hello Packet Scheduling for Sustainable Aerial Vehicles	24/10/2024	Manipal University Jaipur Jaipur	Published	202411081434	08/11/2024	45/2024	27			Computer and communication Eng
Patent	A Government Hospital Resource and PatientManagement System (GHPMS)	24/10/2024	Manipal University Jaipur Jaipur	Published	202411081099	01/11/2024	44/2024	101635			Computer Science Engineering
Patent	AN OPTIMIZATION MODEL FOR TEXT SUMMARIZATION IN HEALTHCARE ANALYTICS USING ANT COLONY OPTIMIZATION	24/10/2024	Manipal University Jaipur Jaipur	Published	202411080957	01/11/2024	44/2024	101622			Computer Applications
Patent	AI-CASP- An Automated Interview and CandidateAssessment Platform for HR Management	25/10/2024	Manipal University Jaipur Jaipur	Published	202411081314	08/11/2024	45/2024	103789			Computer Science Engineering
Patent	AN ECC-BASED METHOD FOR ENHANCING THE SECURITY IN THE IOT-ENABLED DEVICES OF HEALTHCARE SYSTEMS	14/10/2024	Manipal University Jaipur Jaipur	Published	202411077616	25/10/2024	43/2024	98638			IoT and IS
Patent	A SYSTEM FOR DETECTING SECRET KEY OF THE CLASSICAL SUBSTITUTION CRYPTOSYSTEM USING RED DEER ALGORITHM	23/10/2024	Manipal University Jaipur Jaipur	Grant	202024106091	13/12/2024	1	1	13/12/2024	202024106091	Information and Technology
Patent	ANTI SPROUTING POTATO BAG	15/10/2024	Manipal University Jaipur Jaipur	Published	202411081421	08/11/2024	45/2024	103805			Mechatronics Engineering
Patent	ONE-SHOT FACE CLASSIFICATION USING SIAMESE NEURAL NETWORKS	25/10/2024	Manipal University Jaipur Jaipur	Published	202411081302	08/11/2024	45/2024	103788			Data Science and Engineering
Patent	SMART WASTE SEGREGATION BIN: AN EFFICIENT SYSTEM FOR WASTE MANAGEMENT	17/10/2024	Manipal University Jaipur Jaipur	Published	202411078857	25/10/2024	43/2024	98578			IoT and IS
Patent	A MACHINE LEARNING METHOD FOR THE IDENTIFICATION OF FAKE AUDIO DETECTION	15/10/2024	Manipal University Jaipur Jaipur	Published	202411077942A	13/11/2024	43/2024	98486			Information and Technology
Patent	HASH-BASED ARCHIVE FILE SYSTEM FOR OPTIMIZED SMALL FILE HANDLING IN HADOOP	10/11/2024	Manipal University Jaipur Jaipur	Published	202411086583	15/11/2024	46/2024	24			Computer and communication Eng
Patent	Ethereum Blockchain Technology Enabled Drone Delivery System	22/05/2024	Manipal University Jaipur Jaipur	Published	202411039821	07/06/2024	23/2024	51577			Electrical Engineering
Patent	PERSONALIZED NEUROFEEDBACK TRAINERFOR OPTIMIZED BRAIN FUNCTION AND MENTALWELL-BEING	05/11/2024	Manipal University Jaipur Jaipur	Published	202411084363	15/11/2024	46/2024	106525			Mechanical Engineering
Patent	Intelligent Scooter Stand System with Brake and Safety Integration	05/11/2024	Manipal University Jaipur Jaipur	Published	202411084365	15/11/2024	46/2024	106527			Mechanical Engineering
Patent	CONTINUOUS WIRELESS CHARGING SYSTEM FOR ELECTRIC VEHICLES WHILE DRIVING	05/11/2024	Manipal University Jaipur Jaipur	Published	202411084364	15/11/2024	46/2024	106526			Computer and communication Eng
Patent	Local Traffic regulation towards making Smart city using Edge and Fog computing based on OBD II	05/11/2024	Manipal University Jaipur Jaipur	Published	202411084366	15/11/2024	46/2024	24			Computer and communication Eng
Patent	An Evolutionary Automated HR Interview System	22/07/2024	Manipal University Jaipur Jaipur	Published	G24397DE	21/06/2024	25/2024	55024			Computer Science Engineering
Patent	cardiac Arrest Prediction using Ensemble Technique	21/10/2024	Manipal University Jaipur Jaipur	Published	202411080185	01/11/2024	44/2024	101561			Computer Science Engineering
Patent	Ein System zur Erkennung und Entschärfung mehrsprachiger Hassreden mit Hilfe von Deep Reinforcement Learning	31/07/2024	Manipal University Jaipur Jaipur	Published	G24418DE	05/07/2024	27/2024	58056			Computer Science Engineering
Patent	An innovative system for customer satisfaction and loyaltly via experiential marketing	17/07/2024	Manipal University Jaipur Jaipur	Published	202411054487	02/08/2024	31/2024	67915			TSB
Patent	AQUADRIP MASTER: Advanced Plant watering device	14/10/2024	Manipal University Jaipur Jaipur	Published	202411077617	25/10/2024	43/2024	98639			Interior Designing
Patent	A HYDROGEN POWERED CAR WITH ARTIFICIAL INTELLIGENCE SYSTEM	14/07/2024	Manipal University Jaipur Jaipur	Grant	G24400DE	14/07/2024	NA	NA	14/10/2024	G24400DE	Mechanical Engineering
Patent	ROLE OF SOCIAL LEARNING IN UNDERSTANDING ENVIRONMENTALLY SUSTAINABLE CONSUMPTION BEHAVIOR	16/07/2024	Manipal University Jaipur Jaipur	Published	202411054030	02/08/2024	31/2024	67903			Business Administration

Patent	SELECTING STOCKS THROUGH OPTIMIZATION OF STOCK RETURN USING FUNDAMENTAL APPROACH	15/07/2024	Manipal University Jaipur Jaipur	Published	202411054267	26/07/2024	30/2024	64437			Business Administration
Patent	A HYDROGEN POWERED CAR WITH ARTIFICIAL INTELLIGENCE SYSTEM	03/06/2024	Manipal University Jaipur Jaipur	Published	202411042797	14/06/2024	24/2024	53319			Mechanical Engineering
Patent	AN INTELLIGENT DEVICE FOR PREVENTING ROAD ACCIDENTS	13/07/2024	Manipal University Jaipur Jaipur	Grant	2024080108033500DE	02/10/2024	202024104311	1	02/10/2024	202024104311	IoT and IS
Patent	INTELLIGENT SELF-CLEANING WATER PURIFICATION SYSTEM	10/09/2024	Manipal University Jaipur Jaipur	Published	202411068417	27/09/2024	392024	87105			IoT and IS
Patent	Smart Cartridge Management System For Continuous Water Purification	10/09/2024	Manipal University Jaipur Jaipur	Published	202411068416	27/09/2024	392024	87104			IoT and IS
Patent	QUANTUM AND AI-DRIVEN WATER PURIFICATION SYSTEM FOR ALGAE AND BACTERIA DETECTION AND ELIMINATION	10/09/2024	Manipal University Jaipur Jaipur	Published	202411068419	27/09/2024	392024	87114			IoT and IS
Patent	ADVANCED HYDRATION MONITORING AND MANAGEMENT SYSTEM	10/09/2024	Manipal University Jaipur Jaipur, Manipal University Jaipur Jaipur	Published	202411068414	27/09/2024	392024	87091			IoT and IS
Patent	AI-POWERED AUTOMATIC WATER QUALITY PREDICTION AND ADJUSTMENT SYSTEM	10/09/2024	Manipal University Jaipur Jaipur	Published	202411068418	27/09/2024	392024	87106			IoT and IS
Patent	A SMART COOKING ASSISTANT SYSTEM WITH SAFETY MONITORING AND ALERTING	08/10/2024	Manipal University Jaipur Jaipur	Grant	202025105780	06/11/2024	2024100809454300DE	50	06/11/2024	202024105780	Mechatronics Engineering
Patent	An Autonomous Honking System for vehicles	05/09/2024	Manipal University Jaipur Jaipur	Grant	202024105064	10/10/2024	B60Q 5/00	NA	10/10/2024	202024105064	Data Science and Engineering
Patent	Quantitative Model for Estimating Septage Volumes and Desludging Truck Requirements in Co-Treatment Systems	24/09/2024	Manipal University Jaipur Jaipur	Published	202411071608	11/10/2024	41/2024	945			Civil Engineering
Patent	System and Method for Integrating Health Data into Environmental Sustainability Index Calculations"	24/09/2024	Manipal University Jaipur Jaipur	Published	202411071605A	11/10/2024	Journal No. 41/2024	945			Civil Engineering
Patent	: OPTIMIZATION OF MULTI-OBJECTIVE, MULTI-STAGE STOCHASTIC TRANSPORTATIONS PROBLEM USING GOAL PROGRAMMING MODIFIED APPROACH	20/09/2024	Manipal University Jaipur Jaipur	Published	202411066192	20/09/2024	38/2024	84341			Mathematics& Statistics
Patent	ADVANCED SELF-BALANCING BOT WITH ENHANCED NAVIGATION AND DEEP LEARNING	21/08/2024	Manipal University Jaipur Jaipur	Published	202411063250	30/08/2024	35/2024	76914			IoT and IS
Patent	NAVIGATIONAL AUDIO FOR VISUAL YIELD ASSISTANCE	21/08/2024	Manipal University Jaipur Jaipur	Published	202411063251	30/08/2024	35/2024	76915			Computer Science Engineering
Patent	CONTROL MECHANISM FOR ORIENTATION OF HYBRID AIRSHIP WITH SUSPENDEED PAYLOAD	05/09/2024	Manipal University Jaipur Jaipur	Published	202411067080	20/09/2024	38/2024	84488			Electrical Engineering
Patent	SMART CAMERA-INTEGRATED FUZZY ENHANCED IMAGE FUSION SYSTEM USING PIXEL INTENSITY CONTROL	29/08/2024	Manipal University Jaipur Jaipur	Published	202411065251	13/09/2025	37/2024	81816			IoT and IS
Patent	AN IOT-ENHANCED SYSTEM FOR REAL-TIME ANALYSIS OF MULTIPATH SCATTERING IN WIRELESS COMMUNICATIONS	16/08/2024	Manipal University Jaipur Jaipur	Published	202411062078	30/08/2024	35/2024	76768			Computer and communication Eng
Patent	ADVANCE SEARCH ENGINE FUNCTIONALITY THROUGH AI-POWERED AUDIO TRANSCRIPTION WITH INTEGRATED IOT VOICE ASSISTANTS	26/07/2024	Manipal University Jaipur Jaipur, Manipal University Jaipur Jaipur	Published	202411056855	09/08/2024	32/2024	70766			Computer and communication Eng
Patent	ANALYSIS AND SIMULATION OF SECOND-ORDER STATISTICS WITH MODIFIED CHARACTERISTIC FUNCTION PARAMETERS IN A MULTIPATH FADING ENVIRONMENT USING IOT-ENABLED SIGNAL ANALYZERS	05/08/2024	Manipal University Jaipur Jaipur	Published	202411058937	23/08/2024	34/2024	74359			Computer and communication Eng
Patent	Transformations of Vernacular Buildings in Ektaal Chhattisgarh, India	11/09/2024	Manipal University Jaipur Jaipur	Published	202411068475A	04/10/2024	40/2024	90127			Interior Designing
Patent	A METHOD TO DETECT DEEPFAKE AUDIO USING CONVOLUTIONAL NEURAL NETWORKS (CNN)	04/09/2024	Manipal University Jaipur Jaipur	Published	202411066738	20/09/2024	38/2024	84415			Artificial Intelligence and Ma
Patent	GRAPH BASED MODEL FOR HINDI TEXT SUMMARIZATION USING PARTICLE SWARM OPTIMIZATION	02/09/2024	Manipal University Jaipur Jaipur	Published	202411066205	20/09/2024	38/2024	84347			Computer Applications
Patent	A METHOD FOR PREDICTING AND INFLUENCING LUXURY BRAND PREFERENCE AMONG GENERATION Z CONSUMERS	28/08/2024	Manipal University Jaipur Jaipur	Published	202411064839	13/09/2024	37/2024	81827			Commerce
Patent	Anaerobic reactor for nitrate removal from wastewater using Copper	21/09/2024	Manipal University Jaipur Jaipur	Published	202411071667	11/10/2024	202411071667 A	94299			Civil Engineering

Patent	A SYSTEM FOR DETECTING SECRET KEY OF THE CLASSICAL SUBSTITUTION CRYPTOSYSTEM USING RED DEER ALGORITHM	06/09/2024	Manipal University Jaipur Jaipur	Published	202411067406	18/10/2024	42	96131			Information and Technology
Patent	Post-COVID Challenges Impacting Timely Achievement of Sustainable Development Goals: A Strategic Analysis	27/08/2024	Manipal University Jaipur Jaipur	Published	202411067393	27/09/2024	39/2024	87055			TSB
Patent	GEOLORA: ENABLING LOW-POWER, LONG-RANGE LOCATION TRACKING USING LORA TECHNOLOGY	28/08/2024	Manipal University Jaipur Jaipur	Published	202411064786	13/09/2024	37/2024	81789			Computer Science Engineering
Patent	SURFACE MOUNTED DEVICE REFLOW OVEN CONTROLLER	28/08/2024	Manipal University Jaipur Jaipur	Published	202411064956	13/09/2024	37/2024	81904			Information and Technology
Patent	SPEED BREAKER WATER PUMPING DEVICE	23/09/2024	Manipal University Jaipur Jaipur	Published	202411071895	11/10/2024	41/2024	94307			Mechanical Engineering
Patent	BLOWER POWERED COMPACT DESERT COOLER	10/09/2024	Manipal University Jaipur Jaipur	Published	202411068421	27/09/2024	39/2024	86982			Mechanical Engineering
Patent	ECO-FRIENDLY, MOSQUITO-REPELLENT SCHOOL ATTIRE WITH TRADITIONAL BLOCK PRINTING	03/07/2024	Manipal University Jaipur Jaipur	Published	202411051967	26/07/2024	30/2024	64328			Fashion Designing
Patent	SIGN LANGUAGE DETECTION AND ACTION RECOGNITION	17/05/2024	Manipal University Jaipur Jaipur	Grant	2024051808590200DE	26/07/2024	NA	0	26/07/2024	202024102572	Data Science and Engineering
Patent	BLOCKCHAIN ENHANCED CONVOLUTIONAL NEURAL NETWORKS FOR SECURE AND ACCURATE MEDICAL IMAGE ANALYSIS	10/09/2024	Manipal University Jaipur Jaipur	Published	202411068425	27/09/2024	39/2024	19			Computer and communication Eng
Patent	BLOCKCHAIN-INTEGRATED SYSTEM AND METHOD FOR ENHANCING GENOMIC DATA USING GENERATIVE ADVERSARIAL NETWORKS	21/08/2024	Manipal University Jaipur Jaipur	Published	202411063249	30/08/2024	35/2024	25			Computer and communication Eng
Patent	Smart Cooking Assistant device with safety monitoring and alerting system	06/09/2024	Manipal University Jaipur Jaipur	Published	202411067486	27/09/2024	39/2024	87118			Mechatronics Engineering
Patent	MULTI-OBJECTIVE OPTIMAL REACTIVE POWER DISPATCH PROBLEM SOLVED BY FUZZY TUNED MAYFLY ALGORITHM	05/08/2024	Manipal University Jaipur Jaipur	Published	202411058909A	28/08/2024	34/2024	74294			Electrical Engineering
Patent	PROCESS AND APPARATUS FOR UPCYCLING OF WASTE WATER SLUDGE IN TO HIGH VALUE PRODUCTS	31/08/2024	Manipal University Jaipur Jaipur,Inch Enviro Technologies Pvt Ltd Jaipur	Applied	202411014711						Department of Biotechnology an
Patent	Forensic Accounting Meets AI: Revolutionizing Financial Fraud Detection	17/07/2024	Manipal University Jaipur Jaipur	Published	202411054486	02/08/2024	31/2024	67907			TSB
Patent	IDENTIFYING SUSPICIOUS ENTITIES IN ONLINE SOCIAL NETWORKS USING THE PROFILE SIMILARITIES AND CONNECTIONS	26/07/2024	Manipal University Jaipur Jaipur	Published	202411056829	09/08/2024	32/2024	70753			Information and Technology
Patent	A SMART DEVICE FOR CLINICAL PATHOLOGY ANALYSIS BY EXAMINING SPECIMEN IMAGE	15/03/2024	Manipal University Jaipur Jaipur	Published	202411019337	12/04/2024	15/2024	35336			Computer and communication Eng
Patent	Multichannel Temperature DataLogger	30/07/2024	Manipal University Jaipur Jaipur	Published	202411057538	30/07/2024	33/2024	72664			Computer Science Engineering
Patent	HEALTH GUARDIAN - A SANKALP TO ALWAYS MONITOR YOUR HEALTH	23/08/2024	Manipal University Jaipur Jaipur	Applied	202411063718						Information and Technology
Patent	Advanced Security Framework for Satellite Communication Systems: Integrating Tamper-Evident Designs	06/09/2024	Manipal University Jaipur Jaipur	Published	202411067962	27/09/2024	39/2024	87079			Computer and communication Eng
Patent	An Intelligent Robotic Farming System with Advanced AI and Sensor Integration	06/09/2024	Manipal University Jaipur Jaipur	Published	202411067963	27/09/2024	39/2024	87083			Computer and communication Eng
Patent	Blockchain-Enhanced IoT Smart Healthcare Monitoring Device with Advanced Sensor Integration for ICU	06/09/2024	Manipal University Jaipur Jaipur	Published	202411067403	27/09/2024	39/2024	87056			Computer and communication Eng
Patent	NETWORK CHIP FOR WIRELESS ENERGY TRANSFER FROM ONE NODE TO ANOTHER NODE	13/08/2024	Manipal University Jaipur Jaipur	Published	202411061206	30/08/2024	35	76728			Data Science and Engineering
Patent	Exploring The Dynamics Between Employee Experience, Employee Engagement And Employee Turnover Intention	17/07/2024	Manipal University Jaipur Jaipur	Published	202411054753	02/08/2024	31/2024	67910			TSB
Patent	A method for analyzing the behavior of magnetohydrodynamic (MHD) radiative Williamson fluid over an inclined moving plate covering of Water based Hybrid Nanomaterials	07/08/2024	Manipal University Jaipur Jaipur	Published	202411054843A	02/08/2024	31/2024	67931			Mathematics& Statistics
Patent	novel method for Thermal Analysis on Kerosene Oil Based Two Groups of Ternary Hybrid Nanoparticles	15/07/2024	Manipal University Jaipur Jaipur	Published	202411053672A	26/07/2024	30/2024	64433			Mathematics& Statistics

Patent	MHD Radiative Casson Fluid Flow over a non-Linear Extending Surface with Cross-Diffusion Impact in the Presence of Buoyancy and Porous Impacts	20/06/2024	Manipal University Jaipur Jaipur	Published	202411047447A	05/07/2024	27/2024	58129			Mathematics& Statistics
Patent	Jarosite-incorporated concrete for optimal performance in aggressive environments.	10/09/2024	Manipal University Jaipur Jaipur	Published	202411071616	11/10/2024	41/2024	92520			Civil Engineering
Patent	ElectraSphere (Online Class Representative Election)	28/06/2024	Manipal University Jaipur Jaipur	Published	202411048472A	05/07/2024	27/2024	58280			Mathematics& Statistics
Patent	STENCIL SYSTEM FOR PRE-PRODUCTION FIGURE ILLUSTRATION	23/05/2024	Manipal University Jaipur Jaipur	Published	20241104034	07/06/2024	23/2024	51655			Fashion Designing
Patent	ELECTIVE MANAGEMENT SYSTEM	14/08/2024	Manipal University Jaipur Jaipur	Published	202411061639	30/08/2024	35/2024	76733			Computer Science Engineering
Patent	A method for selecting sustainable suppliers within a green supply chain framework using the Fuzzy TOPSIS Technique	24/06/2024	Manipal University Jaipur Jaipur	Published	202411049151	12/07/2024	28/2024	60470			Mathematics& Statistics
Patent	PREDICTION OF VOLATILITY USING MONETARY RATE AND GARCH-LSTM HYBRID MODEL	16/08/2024	Manipal University Jaipur Jaipur, Manipal University Jaipur Jaipur, Manipal University Jaipur Jaipur	Published	202411062095A	30/08/2024	35/2024	76769			Computer Science Engineering
Patent	A NEW FUZZY TUNED MAYFLY METHOD FOR COMPLEX CONSTRAINED MULTI-OBJECTIVE OPTIMIZATION PROBLEMS	05/08/2024	Manipal University Jaipur Jaipur	Published	202411058908	23/08/2024	34/2024	74289			Electrical Engineering
Patent	COMBATING ONLINE TOXICITY: MACHINE LEARNING FOR IDENTIFYING POLITICAL HATE SPEECH	23/07/2024	Manipal University Jaipur Jaipur	Published	202411055936A	09/08/2024	32/2024	70743			Artificial Intelligence and Ma
Patent	IOT-BASED INTELLIGENT ENERGY MANAGEMENT FOR HYBRID VEHICLES USING MACHINE LEARNING ALGORITHMS	06/08/2024	Manipal University Jaipur Jaipur	Published	202411059483	23/08/2024	34/2024	NA			Computer and communication Eng
Patent	IMPROVED DECISION SUPPORT SYSTEM FOR URBAN AIR QUALITY CONTROL AND MANAGEMENT USING GRADIENT BOOSTING MACHINES AND XGBOOST	16/07/2024	Manipal University Jaipur Jaipur	Published	202411054120	02/08/2024	31/2024	NA			Computer and communication Eng
Patent	A METHOD TO DETECT PARKINSON'S DISEASE FROM VOICE RECORDING	26/07/2024	Manipal University Jaipur Jaipur	Published	202411056843A	09/08/2024	32/2024	70765			Computer Science Engineering
Patent	AN EFFICIENT SYSTEM TO DETECT THE PARKINSON'S DISEASE IN ITS EARLY STAGES	26/07/2024	Manipal University Jaipur Jaipur	Published	202411056842A	09/08/2024	32/2024	70764			Computer Science Engineering
Patent	Online Repository for Teachers' Credentials	23/07/2024	Manipal University Jaipur Jaipur	Published	202411055911	09/08/2024	32/2024	70718			Commerce
Patent	An Autonomous Honking System for vehicles	09/08/2024	Manipal University Jaipur Jaipur	Published	202411061069A	30/08/2024	35/2024	76722			Data Science and Engineering
Patent	SELF-ADJUSTABLE PEN FOR SELF-ADJUSTABLE PEN FOR INDIVIDUAL HAND GRIP	20/08/2024	Manipal University Jaipur Jaipur	Published	202411062665	30/01/2025	352024	76783			IoT and IS
Patent	ELDERAID AR: SMART GLASSES FOR MEDICATION AND GUARDIAN ALERTS	25/07/2024	Manipal University Jaipur Jaipur	Published	202411056481	09/08/2024	32/2024	70788			Computer Science Engineering
Patent	A METHOD FOR IDENTIFYING THE SOURCE CAMERA OF AN IMAGE	15/07/2024	Manipal University Jaipur Jaipur	Published	202411053671	26/07/2024	30/2024	64432			Information and Technology
Patent	A WEB APPLICATION FOR MAJOR PROJECT COLLABORATION IN COLLEGES	15/07/2024	Manipal University Jaipur Jaipur	Published	202411053677	26/07/2024	30/2024	64434			Information and Technology
Patent	INTELLIGENT SLEEPSENSE™ BABY SWING: A SMART AND ADAPTIVE BABY MOTION SENSOR SYSTEM FOR AUTOMATIC SWING ACTIVATION AND DEACTIVATION	02/07/2024	Manipal University Jaipur Jaipur	Published	202411050553	12/07/2024	28/2024	605			Data Science and Engineering
Patent	Hybrid Deep Learning system and method for Citrus Disease Detection and Classification Using SADCNN-ORBM	25/07/2024	Manipal University Jaipur Jaipur	Published	202411056513	09/08/2024	32/2024	70701			Computer Science Engineering
Patent	SmartSparkle: Kid-Friendly DentalGuardian	12/07/2024	Manipal University Jaipur Jaipur	Published	202411053249	26/07/2024	30/2024	64411			Data Science and Engineering
Patent	A PERPETUAL MONTHLY CALENDAR	28/05/2024	Manipal University Jaipur Jaipur	Applied	202411041289						Mathematics& Statistics
Patent	SEARCH ENGINE FUNCTIONALITY THROUGH AI-POWERED AUDIO TRANSCRIPTION WITH INTEGRATED IOT VOICE ASSISTANTS	26/07/2024	Manipal University Jaipur Jaipur, Manipal University Jaipur Jaipur	Published	202411066734	20/09/2024	38/2024	84414			Computer and communication Eng
Patent	MODIFICATIONS IN THE FASHION DESIGN PROCESS FOR THE EMOTIONAL AND MENTAL WELLNESS OF CUSTOMERS IN GARMENT INDUSTRY	30/07/2024	Manipal University Jaipur Jaipur	Published	202411057551A	16/08/2024	33/2024	72665			Fashion Designing

Patent	ADAPTIVE MACHINE LEARNING ALGORITHMS FOR REAL-TIME BIG DATA ANALYTICS	20/08/2024	Manipal University Jaipur	Published	202411062981	30/08/2024	35/2024	18			Computer and communication Eng
Patent	A METHOD FOR OPTIMIZING THE SECURITY OF WIRELESS SENSOR NETWORKS (WSNS) USING AN ENHANCED CATALP SWARM ALGORITHM (CSSA) AND DYNAMIC CRYPTOGRAPHIC INTEGRATION WITH INTELLIGENT EDGE DEVICES	22/07/2024	Manipal University Jaipur	Published	202411055613	09/08/2024	32/2024	70690			Computer and communication Eng
Patent	EKAYANA ROCKER	15/07/2024	Manipal University Jaipur	Published	202411053663	26/07/2024	30/2024	64430			Interior Designing
Patent	INTERACTIVE HUMAN-CAT CHAIR: A MULTIFUNCTIONAL FURNITURE INNOVATION	12/07/2024	Manipal University Jaipur	Published	202411053224	26/07/2024	30/2024	64376			Interior Designing
Patent	An electro-hydraulic actuation system for industrial applications, which includes monitoring of the angular position	30/07/2024	Manipal University Jaipur	Grant	2024073013002200DE	12/12/2024	20 2024 104 266.2	1	12/12/2024	20 2024 104 266.2	Mechatronics Engineering
Patent	SYSTEM AND METHOD FOR HUMAN RESOURCE VISUALIZATION PROCESSING	17/07/2024	Manipal University Jaipur	Published	202411054483	02/08/2024	31/2024	67906			Business Administration
Patent	Intelligent Employee Well-being Assistant in Educational Sector (IEWAES)	22/07/2024	Manipal University Jaipur, Manipal University Jaipur Jaipur	Published	202411055583	09/08/2024	32/2024	70677			Directorate of Online Educatio
Patent	EV CHARGING STATION PLACEMENT PREDICTION	16/07/2024	Manipal University Jaipur	Published	202411054249	02/08/2024	31	67920			Computer Science Engineering
Patent	A LOW COST ROBOT FOR PATH PLANNING	18/07/2024	Manipal University Jaipur	Published	202411054913	02/08/2024	312024	67962			IoT and IS
Patent	ADFAR: Advanced Facial Recognition-Based Attendance Tracking System	18/07/2024	Manipal University Jaipur	Published	202411054850	02/08/2024	31/2024	67932			Computer Science Engineering
Patent	A SOLAR AIR HEATER SYSTEM WITH FINS AND ENERGY STORAGE MEDIUM FOR ENHANCED HEAT TRANSFER	22/07/2024	Manipal University Jaipur	Grant	202024104101	08/10/2024	F24S	10/55	08/10/2024	202024104101	Mechanical Engineering
Patent	ENGINE OIL LIFE TRACKING AND MONITORING DEVICE	19/06/2024	Manipal University Jaipur	Grant	202024103339	07/10/2024	F01M11/00	1	07/10/2024	202024103339	Mechanical Engineering
Patent	A SMART SYSTEM FOR SIGN LANGUAGE DETECTION AND ACTION RECOGNITION	29/03/2024	Manipal University Jaipur	Published	202411025922	03/05/2024	18/2024	41163			Data Science and Engineering
Patent	DRIVER DROWSINESS DETECTION DEVICE AND METHOD	03/04/2024	Manipal University Jaipur	Published	202411027476	10/05/2024	1				Data Science and Engineering
Patent	SOLAR POWERED SERVO-DRIVEN OMNIDIRECTIONAL CONTROL OF A IOT BASED HYDROPONICS VERTICAL TOWER GARDEN	06/07/2024	Manipal University Jaipur	Grant	202024103730	23/07/2024	NA	1111	23/07/2024	202024103730	Mechatronics Engineering
Patent	AN AUTOMATED DYNAMIC PRICING SYSTEM FOR E-COMMERCE PLATFORMS	11/07/2024	Manipal University Jaipur	Published	202411053058	26/07/2024	30/2024	64334			Business Administration
Patent	WHEAT YIELD PREDICTION MODEL USING SDC-LSTM	23/05/2024	Manipal University Jaipur	Published	202411040151	07/06/2024	23/2024	51617			Computer and communication Eng
Patent	A FINE SOLUTION TO OVERCOME THE ISSUES FACED DURING TELEWORK	11/07/2024	Manipal University Jaipur	Published	202411053059	26/07/2024	30/2024	64335			Business Administration
Patent	A FASAD (Fake Account and Social Activity Detection) System for Detecting Fake Social Media Profile	08/07/2024	Manipal University Jaipur	Published	202411051979	26/07/2024	30/2024	64349			Computer Science Engineering
Patent	An autonomous drone system for the maintenance of hydroelectric power plants	20/06/2024	Manipal University Jaipur	Grant	202024103341	16/07/2024	B64U10/00	1	16/07/2024	202024103341	Mechanical Engineering
Patent	An Intelligent Device for Preventing Road Accidents	13/07/2024	Manipal University Jaipur	Published	202411053563	26/07/2024	302024	64401			Computer and communication Eng
Patent	INTEGRATED CNN-RNN ARCHITECTURE FOR IMPROVED LUNG AND COLON DISEASE DETECTION	03/07/2024	Manipal University Jaipur	Published	202411050939	12/08/2024	28/2024	60541			Artificial Intelligence and Ma
Patent	BRAIN TUMOR DETECTION THROUGH TRANSFORMATIVE DEEP NEURAL NETWORKS	03/07/2024	Manipal University Jaipur	Published	202411050938	12/07/2024	28/2024	60540			Artificial Intelligence and Ma
Patent	AN ELECTRO-HYDRAULIC ACTUATION SYSTEM FOR INDUSTRIAL APPLICATIONS THAT INCLUDES ANGULAR POSITION MONITORING	13/07/2024	Manipal University Jaipur	Published	202411053560	26/07/2024	30/2024	64388			Mechatronics Engineering
Patent	Sentiment Analysis Moving Average Based Method for Predicting Stock Price of the Financial Sector	15/07/2024	Manipal University Jaipur	Published	202411053668	26/07/2024	30/2024	64431			Computer and communication Eng
Patent	Intelligent, adaptable pillow with integrated mobile application for healthy sleep	19/06/2024	Manipal University Jaipur	Grant	202024103313	09/07/2024	A47G 9/10		09/07/2024	202024103313	Data Science and Engineering
Patent	AUTOMATED SYSTEM FOR IDENTIFYING POTENTIAL VIOLENCE EVENTS ON COLLEGE CAMPUSES WITH DEEP LEARNING	11/06/2024	Manipal University Jaipur	Published	202411044924	21/06/2024	25	55110			Artificial Intelligence and Ma

Patent	ANALYSIS OF ACOUSTIC FEATURES FOR GENDER IDENTIFICATION USING PUNJABI SPEECH DATASET	21/06/2024	Manipal University Jaipur Jaipur	Published	202411047716	05/07/2024	27/2024	58177			Data Science and Engineering
Patent	ENHANCED IPV6 DUPLICATE ADDRESS DETECTION TO COMBAT DOS ATTACKS	24/06/2024	Manipal University Jaipur Jaipur	Published	202411048150	05/07/2024	27/2024	58255			Computer and communication Eng
Patent	"Chronos" A Browsing History Categorization and Visualization Browser Extension	25/07/2024	Manipal University Jaipur Jaipur	Published	202411048840	05/07/2024	27/2024	58237			Artificial Intelligence and Ma
Patent	Smart Safety Surveillance: Object Detection with YOLOv8, Sensor Integration, and Real-Time Alerts	26/06/2024	Manipal University Jaipur Jaipur	Published	202411048839	05/07/2024	27/2024	58236			Computer and communication Eng
Patent	SMART ARDUINO BLIND STICK	24/05/2024	Manipal University Jaipur Jaipur	Published	202411040372	07/06/2024	23	51656			Computer Science Engineering
Patent	CONTROLLING ELECTRIC DEVICES USING MOTION SENSORS	10/06/2024	Manipal University Jaipur Jaipur	Published	202411044613	21/06/2024	25/2024	55070			Computer Science Engineering
Patent	Mathematical modelling of tsunami fractional shallow water equation using numerical techniques	27/05/2024	Manipal University Jaipur Jaipur	Published	202411040921	07/06/2024	23/2024	51633			Mathematics& Statistics
Patent	A SOLAR AIR HEATER SYSTEM WITH FINS AND ENERGY STORAGE MEDIUM FOR ENHANCED HEAT TRANSFER	21/06/2024	Manipal University Jaipur Jaipur	Published	202411047749	05/07/2024	27/2024	58233			Mechanical Engineering
Patent	A Real-time Mental Health Assessment System with Personalized Guidance for Mental Support	24/06/2024	Manipal University Jaipur Jaipur	Published	202411048197	24/06/2024	27/2024	58284			Computer Science Engineering
Patent	ELECTIVE PATHFINDER: A SYSTEM FOR OPEN ELECTIVE ALLOCATION	24/06/2024	Manipal University Jaipur Jaipur	Published	202411048196	05/07/2024	27/2024	58283			Computer Science Engineering
Patent	Open Elective Navigator: A System for Subject Choice Management	24/06/2024	Manipal University Jaipur Jaipur	Published	202411048198	05/07/2024	27/2024	58193			Computer Science Engineering
Patent	Smart Attendance Management System (SAMS)	24/06/2024	Manipal University Jaipur Jaipur	Published	202411048195	05/07/2024	27/2024	58257			Computer Science Engineering
Patent	AI-Powered Assistive Navigation and Interaction System for visually Impaired Individuals	27/06/2024	Manipal University Jaipur Jaipur	Published	202411049517	12/07/2024	28/2024	60507			Computer Applications
Patent	Decentralized Intrusion Detection Framework Using Ethereum Smart Contracts: DIDF	26/06/2024	Manipal University Jaipur Jaipur	Published	202411048251	05/07/2024	27/2024	58244			Computer Applications
Patent	A System and Method for Analyzing Factors Influencing Consumers' Commitment to Sustainable Behaviors	07/06/2024	Manipal University Jaipur Jaipur	Published	2024110044170	21/06/2024	25/2024	55161			Business Administration
Patent	A PELTIER BASED SMART PORTABLE LIQUOR CELLAR SYSTEM DEVICE	31/05/2024	Manipal University Jaipur Jaipur	Grant	2020241040686	01/08/2024	202420104068	1	01/08/2024	202024104068	Hotel Management
Patent	A PELTIER BASED SMART PORTABLE LIQUOR CELLAR SYSTEM	31/05/2024	Manipal University Jaipur Jaipur	Published	202411042473	07/06/2024	23/2024	51680			Hotel Management
Patent	A SMART AIR CONDITIONING SYSTEM WITH FACE DETECTION AND CONTROL METHOD	27/05/2024	Manipal University Jaipur Jaipur	Published	202411040871	07/06/2024	23/2024	51608			Computer and communication Eng
Patent	A SMART AUDIO GUIDE DEVICE DESIGNED FOR CAMPUS TOUR	27/05/2024	Manipal University Jaipur Jaipur	Published	202411040870	07/06/2024	23/2024	51607			Computer and communication Eng
Patent	AN INTELLIGENT TRAFFIC FLOW PREDICTION MODEL BASED ON DIJKSTRA'S SHORTEST PATH ALGORITHM AND LSTM	21/05/2024	Manipal University Jaipur Jaipur	Published	202411039521	07/06/2024	23	51560			Computer Science Engineering
Patent	Enhancing Sustainable Urban Agriculture Through Smart Water Management	24/06/2024	Manipal University Jaipur Jaipur	Published	202411048239	05/07/2024	27/2024	1			Computer and communication Eng
Patent	A SMART ADAPTABLE PILLOW INTEGRATED WITH MOBILE APPLICATION FOR SOUND SLEEP	07/06/2024	Manipal University Jaipur Jaipur	Published	202411041607	07/06/2024	23/2024				Data Science and Engineering
Patent	Maitri-Vaad: A Deep Reinforcement-Learning Approach to Detect and Mitigate Multilingual Hate Speech	18/06/2024	Manipal University Jaipur Jaipur	Grant	202411046641	05/07/2024	27/2024	58144	16/10/2024	G06F 40/30	Computer Science Engineering
Patent	EvolvuE- An Evolutionary Automated HR Interview System	07/06/2024	Manipal University Jaipur Jaipur	Grant	202411044251	21/08/2024	25/2024	55024	16/10/2024	G24418DE	Computer Science Engineering
Patent	Rank-Based Multi-Path Transmission Control Protocol	21/05/2024	Manipal University Jaipur Jaipur	Published	202411039616	07/06/2024	23/2024	51561			Computer and communication Eng
Patent	DETAILS OF THE PUBLICATION/COMMUNICATION/EXHIBITION IN WHICH THE INVENTION WAS DISCLOSED PRIOR TO PATENT FILING IN PUBLIC DOMAIN.	24/06/2024	Manipal University Jaipur Jaipur	Published	202411048841	05/07/2024	27/2024	58248			Artificial Intelligence and Ma
Patent	Industry-Grade Encryption using a ID Chaotic Map for Smart meter Data Protection	09/05/2024	Manipal University Jaipur Jaipur	Published	202411036590	17/05/2024	20/2024				Electrical Engineering
Patent	AUTONOMOUS DELIVERY ROBOT POWERED BY SOLAR ENERGY	31/05/2024	Manipal University Jaipur Jaipur	Published	202411042356	07/06/2024	23	51676			Information and Technology
Patent	Mg - x% Sn ALLOY PREPARED BY POWDER MIXING TECHNIQUES FOR BIODEGRADABLE BONE IMPLANTS	17/06/2024	Manipal University Jaipur Jaipur	Published	202411046612	05/07/2024	27/2024	58141			Mechanical Engineering

Patent	A SMART METHANE POTENTIAL MEASUREMENT DEVICE	15/06/2024	Manipal University Jaipur Jaipur	Published	202411046352	21/06/2024	25/2024	55170			Civil Engineering
Patent	A novel process for measuring community engagement of industries	07/06/2024	Manipal University Jaipur Jaipur	Published	202411044228	21/06/2024	25/2024	55023			Economics
Patent	SOLAR POWERED SERVO-DRIVEN OMNIDIRECTIONAL CONTROL OF A IOT BASED HYDROPONICS VERTICAL TOWER GARDEN	31/05/2024	Manipal University Jaipur Jaipur	Published	202411042463	07/06/2024	23/2024	51679			Mechatronics Engineering
Patent	WASTE CLASSIFICATION MODEL FOR HOTEL INDUSTRY	27/05/2024	Manipal University Jaipur Jaipur	Grant	202404111	29/01/2025	202411036598	NA	29/01/2025	202411036598	Hotel Management
Patent	WASTE CLASSIFICATION MODEL FOR HOTEL INDUSTRY	09/05/2024	Manipal University Jaipur Jaipur	Published	202411036598	17/05/2024	20/2024	46654			Hotel Management
Patent	A method for preparation of tire char nanoparticles towards sustainable electrode fabrication technology	04/06/2024	Manipal University Jaipur Jaipur	Published	202411043143	14/06/2024	24/2024	53305			Mechanical Engineering
Patent	A METHOD FOR ANALYSING AND EVALUATING INTERRUPTION DUE TO PHASE SERVICE IN MARKOVIAN ARRIVAL PROCESS	22/05/2024	Manipal University Jaipur Jaipur, Manipal University Jaipur Jaipur	Published	202411039815	07/06/2024	23/2024	51576			Mathematics& Statistics
Patent	Automated Imaging and Machine Learning-Based Weed Removal Tool for Sustainable Sugarcane Farming	11/06/2024	Manipal University Jaipur Jaipur	Published	202411044926	21/06/2024	25/2024	55111			Computer Science Engineering
Patent	PORTABLE DECENTRALIZED LOW-PRESSURE MULTIPURPOSE GRAIN SAVER SYSTEM	04/06/2024	Manipal University Jaipur Jaipur	Published	202411043139	14/06/2024	24/2024	53516			Mechatronics Engineering
Patent	INTELLIGENT ANIMAL WELLBEING SYSTEM: A CHIP FOR THIRST AND HUNGER DETECTION	16/05/2024	Manipal University Jaipur Jaipur, NO NO	Published	202411038395	31/05/2024	22/2024	49461			Data Science and Engineering
Patent	ENGINE OIL LIFE TRACKING AND MONITORING DEVICE	05/06/2024	Manipal University Jaipur Jaipur	Published	202411043444	14/06/2024	24/2024	53310			Mechanical Engineering
Patent	Accurate crop management utilizing drone technology for adaptive agriculture	16/05/2024	Manipal University Jaipur Jaipur	Published	202411038343	31/05/2024	22/2024	49445			Data Science and Engineering
Patent	A novel process of arsenic remediation from drinking water using arsenic tolerant R. palustris MDOC1	27/03/2024	Manipal University Jaipur Jaipur	Published	202411024390	10/05/2024	19/2024	44371			Biosciences
Patent	AN AUTONOMOUS HYDEL MAINTENANCE DRONE SYSTEM	29/05/2024	Manipal University Jaipur Jaipur	Published	202411041670	07/06/2024	23/2024	51684			Mechanical Engineering
Patent	Power characteristics of a high-performance Helix Space Travelling Wave Tube	22/04/2024	Manipal University Jaipur Jaipur	Published	202411031707A	10/05/2024	19/2024	44717			Mathematics& Statistics
Patent	An innovative acoustic shield for industrial machinery noise reduction	22/05/2024	Manipal University Jaipur Jaipur	Published	202411039828	07/06/2024	23/2024	51579			Fashion Designing
Patent	A novel method to determine the employee performance in an organization	02/04/2024	Manipal University Jaipur Jaipur	Published	202411027202	10/05/2024	19/2024	44426			Business Administration
Patent	A Deep Learning-Adaptive System for Removing Noise from Audio Signals	10/05/2024	Manipal University Jaipur Jaipur	Published	202411036889	17/05/2024	20	46666			Information and Technology
Patent	A Blockchain-based Data Storage and Retrieval System for Multi-server Infrastructure with IPFS Enforcement	29/03/2024	Manipal University Jaipur Jaipur	Published	202411025756	26/04/2024	21/2023	38937			Information and Technology
Patent	Self reflective transformational garment: An onion Metaphor	13/05/2024	Manipal University Jaipur Jaipur	Published	202411037379	31/05/2024	22/2024	49439			Fashion Designing
Patent	A system for Project Allocator with Messaging Facility	17/05/2024	Manipal University Jaipur Jaipur	Published	202411038863	31/05/2024	22/2024	49494			Computer Science Engineering
Patent	TECHNOLOGY ADOPTION BY SENIOR CITIZENS FOR SOCIAL INCLUSION	08/04/2024	Manipal University Jaipur Jaipur	Published	202411028551	10/05/2024	19/2024	44478			Commerce
Patent	Smart Meter Data Governance on Ethereum Blockchain in Decentralized Power Systems	27/03/2024	Manipal University Jaipur Jaipur	Published	202411024332	10/05/2024	19/2024	44374			Electrical Engineering
Patent	Craftsmen's Studio Workstation	20/02/2024	Manipal University Jaipur Jaipur	Published	202411019338	12/04/2024					Interior Designing
Patent	A BLOCKCHAIN-ASSISTED QUANTUM-SECURE MUTUAL AUTHENTICATION AND DATA SHARING SCHEME FOR THE SMART-GRID ECOSYSTEM	24/04/2024	Manipal University Jaipur Jaipur	Published	202411032282	10/05/2024	19/2024	44715			IoT and IS
Patent	A System for Predictive Delivery Time Forecasting in Online Food Delivery Platforms	13/05/2024	Manipal University Jaipur Jaipur	Published	202411037437	31/05/2024	22/2024	49451			Computer Science Engineering
Patent	SMART DOOR LOCK SYSTEM WITH PASSWORD PROTECTION AND ENHANCED SECURITY FOR UNAUTHORIZED ENTRY	18/03/2024	Manipal University Jaipur Jaipur	Published	202411019821	26/04/2024	17/2024	39162			Computer and communication Eng
Patent	METHOD FOR MIXING CONCRETE WITH FINE RECYCLED CONCRETE AGGREGATE	15/05/2024	Manipal University Jaipur Jaipur, BITS Pilani Pilani, MNIT Jaipur Jaipur	Published	202411030230	10/05/2024	19/2024	44581			Civil Engineering

Patent	An Autonomous High-Altitude Surveillance device for Human Detection- VASB (Versatile Aerial Surveillance Beacon)	25/04/2024	Manipal University Jaipur Jaipur	Published	202411032715	10/05/2024	19/2024	44746			Computer Science Engineering
Patent	A novel technique for delay differential equations using differential transform method	05/04/2024	Manipal University Jaipur Jaipur	Published	202411028073	10/05/2024	19/2024	44447			Mathematics& Statistics
Patent	A Leveraging Coordinated PSS and TCSC FACTS device-based approach for Power System Oscillation Damping	22/04/2024	Manipal University Jaipur Jaipur	Published	202411031636	10/05/2024	19/2024	44716			Electrical Engineering
Patent	IoMTGuard: A Novel Intrusion Detection Framework for IoMT using Convolutional Neural Networks	11/03/2024	Manipal University Jaipur Jaipur	Published	202411017196	19/04/2024	16/2024	36940			Computer Science Engineering
Patent	Designing, Modeling and Simulation of IoT basedOxygen Flow Control Device for Oxygen Concentrator	04/04/2024	Manipal University Jaipur Jaipur	Published	202411027759	10/05/2024	19/2024	44432			Computer Science Engineering
Patent	ADNIS: A Novel Intrusion Detection System Based on Adaptive Neural Networks with Dynamic Threat Assessment	11/03/2024	Manipal University Jaipur Jaipur	Published	202411017243	19/04/2024	16/2024	36929			Computer Science Engineering
Patent	An Autonomous Drone-Based Farming Product Classification System for Efficient Farming	12/03/2024	Manipal University Jaipur Jaipur	Published	202411017559	19/04/2024	16	36931			Information and Technology
Patent	Osteoconductive Chain Silicate Bioceramic for Bone Tissue Engineering	07/04/2019	Manipal University Jaipur Jaipur	Grant	201911013971	15/05/2020	20/2020	18772	24/04/2024	534620	Mechanical Engineering
Patent	CLAY REINFORCED MORINGA OLEIFERA WATER PURIFIER ASSEMBLY FOR PURIFYING WATER AND METHOD FOR SAME	05/03/2019	Manipal University Jaipur Jaipur	Grant	201911008422	11/09/2020	37/2020	213	07/05/2024	537171	Mechanical Engineering
Patent	SMART AUTOMATIC IRONING SYSTEM	23/09/2020	MUJ Jaipur	Grant	202011041142	07/05/2021	19/2021	22318	23/10/2024	552966	Computer&Communication Engnee
Design	Bag	20/09/2024	Manipal University Jaipur Jaipur	Registered/Published	431045001	29/11/2024	48/2024			431045001	Mechanical Engineering
Design	BIOFILM REACTOR SET FOR ONSITE SANITATION	01/10/2024	Manipal University Jaipur Jaipur,Dr. Meena Kumari Sharma Jaipur,Dr. Surya Pratap Singh Jaipur	Registered/Published	432464	29/11/2024	48/2024			432464-001	Civil Engineering
Design	Granulation equipment for preparing artificial aggregate from powdered materials	20/11/2022	Manipal University Jaipur Jaipur	Registered/Published	374462001	03/05/2024	18 2024			374462001	Civil Engineering
Copyright	IN THE DARK	06/09/2024	Manipal University Jaipur Jaipur	Registered	A1572302025					A-157230/2025	Fine Arts
Copyright	CANDYLAND	05/09/2024	Manipal University Jaipur Jaipur	Registered	279192024COA					27919/2024-CO/A	Fine Arts
Copyright	Basera	05/09/2024	Manipal University Jaipur Jaipur	Registered	279172024COA					27917/2024-CO/A	Fine Arts
Copyright	Faculty Mate	27/04/2024	Manipal University Jaipur Jaipur	Registered	SW199322024					SW199322024	IoT and IS
Copyright	Gate Pass Portal	13/03/2024	Manipal University Jaipur Jaipur	Registered	SW188312024					SW-18831/2024	Computer Science Engineering
Copyright	Revised Contract Amount Using Machine Learning Algorithm	13/03/2024	Manipal University Jaipur Jaipur	Registered	90932024COSW					SW-19040/2024	Computer Science Engineering
Copyright	NAUGHTY BABY BEAR	05/09/2024	Manipal University Jaipur Jaipur	Registered	279032024COA					A-155947/2024	Fine Arts
Copyright	Influence of Bi Incorporation on the Bandgap of GaSb1-xBix: Dedicated for Near Infrared Lasing Devices	07/08/2024	Manipal University Jaipur Jaipur	Registered	24864					L-154753/2024	Electronics&Communication Engi
Copyright	MODERN KRISHNA ON THE SCOOTER	17/10/2023	Manipal University Jaipur Jaipur	Registered	276862023COA					A-155066/2024	Fine Arts
Copyright	CONFUSED RADHA	17/10/2023	Manipal University Jaipur Jaipur	Registered	276832023COA					A-155066/2024	Fine Arts
Copyright	Adaptive clothing Design for Paraplegics	06/06/2024	Manipal University Jaipur Jaipur	Registered	83922024COA					A-156649/2024	Fashion Designing
Copyright	Dual U-slotted Miniaturized Frequency Reconfigurable MSA for Millimeter Wave Applications	04/06/2024	Manipal University Jaipur Jaipur	Registered	152147					L-152147/2024	Electronics&Communication Engi
Patent	SVoice-controlled smart home system with real-time planning and localized device control	15/08/2025	Manipal University Jaipur Jaipur	Published	202025104074	19/08/2025	H04L65/10	10			Computer Science Engineering
Patent	Ein KI-basiertes System zur Beantwortung von Bildungsfragen	08/08/2025	Manipal University Jaipur Jaipur	Applied	202025103875						Computer Science Engineering

Patent	Multi-Modal Clinical Decision Support System with Adaptive Expert Fusion and Interpretability	01/09/2025	Manipal University Jaipur Jaipur, Dr. Shivendra Dubey Jaipur, Dr. Pranshu Pranjali Jaipur, Rishi Sharma Jaipur, Gotham Kothari Jaipur	Applied	202511082925						Artificial Intelligence and Machine Learning
Patent	AUTOMATED ELEVATOR SYSTEM WITH CAPACITY MONITORING AND FLOOR-SIDE LED NOTIFICATION	12/03/2025	Manipal University Jaipur Jaipur	Published	202511022254A	21/03/2025	12/2025	27578			Data Science
Patent	SMART FOOTWEARS FOR KIDS: ENSURING SAFETY AND HEALTH FOR KIDS AND SPECIAL NEEDS CHILDREN	26/03/2025	Manipal University Jaipur Jaipur	Published	202511028292A	11/04/2025	15/2025	34821			Data Science
Patent	AI-Driven System and Method for Human Resource Management	08/10/2025	Manipal University Jaipur Jaipur	Applied	202511096801A						Business Administration
Patent	A Real-Time Weapon Detection System Using YOLO approach for Public Safety	01/10/2025	Manipal University Jaipur Jaipur	Published	202511094334A	28/11/2025	48/2025	113826			Computer Science Engineering
Patent	A Smart Deauthentication Defence (SDD) Multi-Sensor, Cross-Layer Detection & Adaptive Mitigation System for 802.11 Deauthentication/Disassociation Attacks	09/10/2025	Manipal University Jaipur Jaipur	Published	202511097447	05/12/2025	49/2025	119892			Computer Science Engineering
Patent	A Fully Automatic Automobile Battery Power Management System (IPR INDIA Filing)	19/12/2025	Manipal University Jaipur Jaipur	Published	202511129123	23/01/2026	04/2026	11025			CDOE - Management
Patent	A Noise Tolerant and Power Enhanced CNTFET Based-Ternary Multiplexer	29/07/2025	Manipal University Jaipur Jaipur	Published	202511071955A	22/08/2025	34/2025	80123			Electronics and Communication Engineering
Patent	A Smart Pillbox with an Integrated Alarm and Weight Detection System (MediVault)	08/10/2025	Manipal University Jaipur Jaipur	Published	202511096947	05/12/2025	49/2025	120093			Interior Design
Patent	System and Method for Assessing Stakeholder Attitudes towards Accreditation in Higher Education	28/10/2025	Manipal University Jaipur Jaipur, Manipal University Jaipur Jaipur	Published	202511103568	12/12/2025	50/2025	124484			CDOE - Management
Patent	A Group Biometrics Authentication Device	29/09/2025	Manipal University Jaipur Jaipur	Published	0202511093298	14/11/2025	46/2025	110647			CDOE - Management
Patent	Adaptive AI-Enabled Pet Emotion Detection Collar With Integrated GPS Navigation System	27/11/2025	Manipal University Jaipur Jaipur	Published	202511118423	16/01/2026	03/2026	8297			Department of Media, Communication and Fine Arts
Patent	Solar Panel Integrated Thermal Food Delivery Bag With Energy Storage And Heat Retention System	15/11/2025	Manipal University Jaipur Jaipur	Published	202511112108	26/12/2025	52/2025	132457			Department of Media, Communication and Fine Arts
Patent	Quantum-Resistant Homomorphic Encryption System For Secure Cloud Computing	22/11/2025	Manipal University Jaipur Jaipur	Published	202511115731	09/01/2026	02/2026	5626			Computer Communication Engineering
Patent	INTEGRATED BIOMETRIC ACCESS AND ANTI-THEFT SYSTEM FOR DIGITAL CAMERAS	15/11/2025	Manipal University Jaipur Jaipur	Published	202511112107	26/12/2025	52/2025	132439			Department of Media, Communication and Fine Arts
Patent	Adaptive Multi-Spectral In-Camera Chroma Key System With Time-Multiplexed Illumination	12/11/2025	Manipal University Jaipur Jaipur	Published	202511110481	26/12/2025	52/2025	132076			Department of Media, Communication and Fine Arts
Patent	An AI-Driven Automatic Number Plate Recognition System	28/10/2025	Manipal University Jaipur Jaipur	Published	202511103785A	12/12/2025	50/2025	17			IoT and Intelligent System
Patent	A Process for Tailoring Epoxy Coatings with Hybrid Inhibitors for Superior Corrosion Protection on Zinc Phosphatized Steel"	31/07/2025	Manipal University Jaipur Jaipur	Published	202511072672A	22/08/2025	34	80195			Chemistry
Patent	Bionic Prosthetic System Reinforced with Natural Fibers	16/10/2025	Manipal University Jaipur Jaipur	Grant	202025106307	04/11/2025	A61L27/20	1	04/11/2025	A61L27/20	Mechanical Engineering
Patent	BIONIC PROSTHETIC SYSTEM REINFORCED WITH NATURAL FIBERS	16/10/2025	Manipal University Jaipur Jaipur	Published	202511100025	05/12/2025	49/2025	120401			Mechanical Engineering
Patent	AN AI-POWERED SMART MIRROR SYSTEM FOR EARLY DISEASE DETECTION AND A METHOD FOR EARLY DISEASE DETECTION USING A SMART MIRROR SYSTEM	26/05/2025	Manipal University Jaipur Jaipur	Published	202511050233	13/06/2025	24/2025	56195			Computer Communication Engineering
Patent	A SYSTEM OF DYNAMIC URBAN LIGHTING WITH BIO-INSPIRED PATTERNS AND COMMUNITY FEEDBACK FOR CRIME	26/05/2025	Manipal University Jaipur Jaipur	Published	202511050232	13/06/2025	24/2025	56196			Computer Communication Engineering
Patent	A CLOUD-BASED AI AUDITORIUM SEATING INFORMATION SYSTEM	28/11/2025	Manipal University Jaipur Jaipur, Manipal University Jaipur Jaipur	Grant	2025112808585923DE	26/03/2026	13	13637	18/02/2026	202025107358	CDOE - Management
Patent	A Method for Real-time Detection of Helmetless Bikers Using Machine Learning	30/09/2025	Manipal University Jaipur Jaipur	Published	202511093791	14/11/2025	46/2025	110732			Computer Science Engineering
Patent	An AI-Assisted Syllable-Driven Voice Input Entertainment Platform	30/09/2025	Manipal University Jaipur Jaipur	Published	202511093792	14/11/2025	46/2025	110737			Computer Science Engineering
Patent	A Cloud-based AI Auditorium Seating Information System	27/11/2025	Manipal University Jaipur Jaipur	Published	202511117930	09/01/2026	02/2026	5693			CDOE - Management

Patent	An Adaptive Robotics-Based Learning System for Online Education	29/09/2025	Manipal University Jaipur Jaipur	Published	202511093289A	14/11/2025	46/2025	110645			CDOE - Management
Patent	A System and Method of Corporate ClimateFinance Disclosure and Reporting	18/11/2025	Manipal University Jaipur Jaipur	Published	202511113096	02/01/2026	1/2026	176			Commerce
Patent	A highly specialized ergonomic hand accessory for block printing artisans	15/04/2025	Manipal University Jaipur Jaipur	Published	202511036238	28/11/2025	48/2025	113851			Fashion Design
Patent	An Integrated Model and Method for Enhancing Financial and Environmental Performance in Companies	29/10/2025	Manipal University Jaipur Jaipur	Published	202511104031	12/12/2025	50/2025	124670			Commerce
Patent	Bitumen Rejuvenation Composition And A Process For Preparation Thereof	08/11/2025	Manipal University Jaipur Jaipur	Published	202511108595	26/12/2025	52/2025	131866			Civil Engineering
Patent	NBHR: A Secure and Scalable Blockchain-BasedArchitecture for Electronic Health Record Management	05/08/2025	Manipal University Jaipur Jaipur	Published	202511067186	29/08/2025	202511074488	1			Computer Communication Engineering
Patent	A Secure Redaction System for MultiformatDocuments with Manual Precision Control	15/07/2025	Manipal University Jaipur Jaipur	Published	202511067186A	01/08/2025	202511067186	1			Computer Communication Engineering
Patent	IOT-ENABLED SMART ELECTRO-HYDRAULIC SERVO VALVE SYSTEM	25/10/2025	Manipal University Jaipur Jaipur	Grant	202025106641	25/11/2025	F15B 21/02	0	25/11/2025	202025106641	Mechatronics Engineering
Patent	IOT-ENABLED SMART ELECTRO-HYDRAULIC SERVO VALVE SYSTEM	31/10/2025	Manipal University Jaipur Jaipur	Published	202511105212	12/12/2025	50/2025	124960			Mechatronics Engineering
Patent	Deep Learning-Based System for Automated DementiaDiagnosis Using Brain MRI Scans with Transfer Lear	03/04/2025	Manipal University Jaipur Jaipur	Applied	202511019084A						Computer Science Engineering
Patent	A PROCESS FOR REAL-TIME THREAT DETECTION AND MITIGATION USING AN IOT-ENABLED CYBERSECURITY FRAMEWORK IN DISTRIBUTED NETWORKS	16/05/2025	Manipal University Jaipur Jaipur	Published	202511039706	16/05/2025	20/2025	45703			Computer Communication Engineering
Patent	A BEHAVIOURAL INTEGRATION MODEL OF FORGIVENESS PROPENSITY FOR ORGANISATIONAL HARMONY	11/07/2025	Manipal University Jaipur Jaipur	Published	202511066125	01/08/2025	31/2025	73877			Psychology
Patent	A System and Method for Predictive Analytics and Early Warning Detection of Financial Institution Distress Using Multi-Factor Risk Modeling	06/10/2025	Manipal University Jaipur Jaipur	Published	202511095842A	05/12/2025	49/2025	119959			CDOE - Management
Patent	A Device and Method for Smart Biofeedback Earbuds (NeuroRaga) Enabling Contextual Raga Modulation for On-Field Cognitive Optimization	28/10/2025	Dr Anjalee Narayan (MUJ0919), Manipal University Jaipur Jaipur,Prof Rashmi Srivastava, Dayalbagh Educational Institute (Deemed University) Agra	Applied	202511103593						Department of Liberal Arts and Social Sciences
Patent	A system and method for a Waste-to-Asset Tokenization Platform	29/10/2025	Manipal University Jaipur Jaipur	Published	202511104030A	12/12/2025	50/2025	124669			CDOE - Management
Patent	A System for Real-Time Monitoring of ESG Performance Using AI	06/10/2025	Manipal University Jaipur Jaipur	Applied	202511095841A						CDOE - Management
Patent	A method for providing subscription-linked micro-insurance through an automated digital platform	29/10/2025	Manipal University Jaipur Jaipur	Published	202511104029A	12/12/2025	50/2025	124656			CDOE - Management
Patent	AI-Driven Corporate Governance Risk Monitoring and Compliance Framework	03/10/2025	Manipal University Jaipur Jaipur	Published	202511094341A	28/11/2025	48/2025	113864			CDOE - Management
Patent	A Method and System for Dynamic Risk Profiling Wallet for Real-Time Financial Portfolio Adjustment	07/10/2025	Manipal University Jaipur Jaipur	Published	202511096239A	05/12/2025	49/2025	119950			CDOE - Management
Patent	A method of Artificial Intelligence-Driven System for Contextual Understanding and Translation of English Idioms and Phrases	28/10/2025	Manipal University Jaipur Jaipur	Published	202511103723	12/12/2025	50/2025	13			Computer Communication Engineering
Patent	A SYSTEM FOR SECURE CAMPUS RIDES AND CARPOOLING WITH VERIFIED DRIVER NETWORK AND STUDENT TRACKING IN REAL-TIME	15/07/2025	Manipal University Jaipur Jaipur	Published	202511072416A	01/08/2025	31/2025	73991			Computer Communication Engineering
Patent	System and Method for Mobile Multimodal Road Condition Data Collection System with Zero-Knowledge Proof based Validation	10/10/2025	Manipal University Jaipur Jaipur	Published	202511097704	05/12/2025	49/2025	119878			Computer Science Engineering
Patent	HALLUCINATION-RESISTANT CLAIM-LEVEL EXPLANATION AND VERIFICATION SYSTEM FOR LARGE LANGUAGE MODELS	12/09/2025	Manipal University Jaipur Jaipur	Published	202511086727	04/10/2025	40/2025	97209			Computer Communication Engineering
Patent	EDGE-PROCESSED MULTI-SENSOR FUSION SYSTEM FOR REAL-TIME DYNAMIC INVENTORY TRACKING	12/09/2025	Manipal University Jaipur Jaipur	Published	202511086906	03/10/2025	40/2025	97103			Computer Communication Engineering

Patent	A method for Employee well-being in remote work environments via communication technology	09/07/2025	Manipal University Jaipur Jaipur	Published	202511065211	25/07/2025	30/2025	71589			Business Administration
Patent	Green Finance or Green Washing: An Empirical Tool to Assess the Effectiveness of Sustainability Linked Loans	30/07/2025	Manipal University Jaipur Jaipur	Published	202511072359	22/08/2025	34/2025	80147			Business Administration
Patent	An AI-Powered Accessibility Assistant System for the Visually Impaired	11/08/2025	Manipal University Jaipur Jaipur	Published	202511076066	29/08/2025	35/2025	82916			Artificial Intelligence and Machine Learning
Patent	An Empirical Study of Factors Contributing toEntrepreneurial Intention among Students of HigherEdu	08/08/2025	Manipal University Jaipur Jaipur	Applied	202511075519						Department of Management
Patent	Quick Commerce Adoption Model (QCAM) for Urban Consumers	04/09/2025	Manipal University Jaipur Jaipur	Published	202511084080	19/09/2025	38/2025	92084			Commerce
Patent	A Digital Personalization Acceptance Model (DPAM) for Gen Z Consumers	04/09/2025	Manipal University Jaipur Jaipur	Published	202511084079	19/09/2025	38/2025	92803			Commerce
Patent	A method of Vehicular CAN Bus Authentication using Quantum Resistant Lightweight Cryptography and Physically Unclonable Functions	01/10/2025	Manipal University Jaipur Jaipur	Published	202511094337	28/11/2025	48/2025	13			Computer Communication Engineering
Patent	A Modular Smart Gutter Monitoring & Cleaning System	09/09/2025	Manipal University Jaipur Jaipur	Applied	202511085388						Data Science
Patent	Architecture-Tuned DenseNet Approach for Reliable Mushroom Classification	22/08/2025	Manipal University Jaipur Jaipur	Published	202511079833	12/09/2025	37/2025	89994			Computer Science Engineering
Patent	System and Method for Fault Detection and Localization in Distributed Environments Using Deep Neural Networks	22/08/2025	Manipal University Jaipur Jaipur	Published	202511079832	12/09/2025	37/2025	89993			Computer Science Engineering
Patent	A Novel Technique for the Solution of Time-Dependent Delay Differential Equations	13/08/2025	Manipal University Jaipur Jaipur	Published	202511077113	05/09/2025	36/2025	85499			Mathematics& Statistics
Patent	A Decentralized Method and System for AI-Based Fake News Detection with Blockchain-Immutable Evidence Logging	24/09/2025	Manipal University Jaipur Jaipur	Published	202511070498	15/08/2025	33/2025	78154			Computer Science Engineering
Patent	A system for automated diagnostic report generation with integrated data acquisition machine interface and medical inference engine	28/07/2025	Manipal University Jaipur Jaipur	Published	202511071433	22/08/2025	34/2025	80085			Computer Science Engineering
Patent	A Gesture-Based UI Control System for Embedded Devices Using Real-Time Vision	08/07/2025	Manipal University Jaipur Jaipur	Published	202511064797	25/07/2025	30/2025	71541			Computer Science Engineering
Patent	An AI based system to forecast the Virtual Water Scarcity trends in Semi-Arid Agricultural regions	18/08/2025	Manipal University Jaipur Jaipur	Applied	202511078067A						Economics
Patent	A System and Method for Real-Time Soil Contamination Monitoring and Mitigation	24/07/2025	Manipal University Jaipur Jaipur	Published	202511070497	15/08/2025	33/2025	78153			Computer Science Engineering
Patent	A method for Demand Forecasting and Inventory Management	28/07/2025	Manipal University Jaipur Jaipur	Published	202511071379	22/08/2025	34/2025	80080			Computer Science Engineering
Patent	Rail and cable mechanism for multipurpose façade operations using mobile robots	21/07/2025	Manipal University Jaipur Jaipur	Grant	202025104187	19/08/2025	202025104187	1	19/08/2025	202025104187	Mechatronics Engineering
Patent	SMARTPHONE CHARGING WATER PURIFIER DEVICE	18/07/2025	Manipal University Jaipur Jaipur	Grant	202025104089	20/08/2025	202025104089	1	20/08/2025	202025104089	Mechatronics Engineering
Patent	A REAL-TIME GPS-BASED ACCIDENT DETECTION AND EMERGENCY NOTIFICATION SYSTEM (ADENS) FOR IMPROVED PUBLIC SAFETY OUTCOMES MENTAL HEALTH ISSUES	07/05/2025	Manipal University Jaipur Jaipur	Published	202511044166	23/05/2025	21/2025	48322			Computer Science Engineering
Patent	A PROCESS FOR REAL-TIME OBJECT AND LICENSE PLATE DETECTION USING YOLOV8 WITH CONFIDENCE-BASED OPTIMIZATION	23/05/2025	Manipal University Jaipur Jaipur	Published	202511049775	13/06/2025	24/2025	56050			Computer Science Engineering
Patent	A Method and Device for Automatic Perfume Selection Based on Sweat Composition in Humans	23/09/2025	Manipal University Jaipur Jaipur	Applied	202511090655						Business Administration
Patent	A FIRE-FIGHTING AND RESCUE ROBOT USING REAL-TIME IMAGE DETECTION AND AUTONOMOUS NAVIGATION IN INDOOR ENVIRONMENTS	14/07/2025	Manipal University Jaipur Jaipur	Applied	202511066903						IoT and Intelligent System
Patent	A COST-EFFECTIVE REAL-TIME RFID-BASED TRACKING SYSTEM IMPLEMENTED ON ARDUINO AND A METHOD THEREOF	14/07/2025	Manipal University Jaipur Jaipur	Applied	202511066902						IoT and Intelligent System
Patent	A METHOD FOR WIRELESS FLAME ALERT SYSTEM USING ARDUINO AND ZIGBEE MODULE FOR REAL-TIME COMMUNICATION	14/07/2025	Manipal University Jaipur Jaipur	Applied	202511066900						IoT and Intelligent System

Patent	A SYSTEM FOR LOW-COST MODULAR NAVIGATION USING YOLOV11 AND IR SENSORS INTEGRATED INTO A WEARABLE SYSTEM AND METHOD THEREOF	14/07/2025	Manipal University Jaipur Jaipur	Applied	202511066901							IoT and Intelligent System
Patent	A DEVICE FOR COST-EFFECTIVE WAREHOUSE AUTOMATION USING DYNAMIC QR CODES AND MQTT-BASED COMMUNICATION FRAMWORK	14/07/2025	Manipal University Jaipur Jaipur	Applied	202511066904							IoT and Intelligent System
Patent	INTELLIGENT PARCEL DELIVERY BOX WITH AUTHENTICATED ACCESS AND THEFT DETECTION SYSTEM	19/09/2025	Manipal University Jaipur Jaipur	Grant	202511076582	09/09/2025	1	1	09/09/2025	202025104999		Mechatronics Engineering
Patent	A SYSTEM FOR RAIL AND CABLE MECHANISM FOR MULTIPURPOSE FAÇADE OPERATIONS USING MOBILE ROBOTS	19/07/2025	Manipal University Jaipur Jaipur	Published	202511068968	08/08/2025	27/2025	63598				Mechatronics Engineering
Patent	AI-DRIVEN EDGE COMPUTING WATER TANK WITH AUTONOMOUS CLEANING AND SLUDGE CARTRIDGE SYSTEM	24/07/2025	Manipal University Jaipur Jaipur	Published	202511086726	03/10/2025	40/2025	97170				Computer Science Engineering
Patent	DHWANI- Sound Level Violation Reporting Device	28/07/2025	Manipal University Jaipur Jaipur	Published	202511071388	22/08/2025	34/2025	80081				Information and Technology
Patent	CONCRETE COMPOSITION SYSTEM WITH NANO-SILICA, RGO, AND INDUSTRIAL WASTE	21/07/2025	Manipal University Jaipur Jaipur	Applied	2025072109480251DE							Civil Engineering
Patent	A MULTI-TASK DEEP LEARNING SYSTEM FOR THE DETECTION OF ALZHEIMER'S AND PARKINSON'S DISEASE USING MRI	30/07/2025	Manipal University Jaipur Jaipur	Grant	2020251044587	01/10/2025	G16H 50/20	NA	01/10/2025	2020251044587		Computer Science Engineering
Patent	Enhancing Clinical Decision-Making: Machine Learning Applications in Heart Disease Prediction and Early Intervention	24/07/2025	Manipal University Jaipur Jaipur	Published	202511070373	15/08/2025	33/2025	78148				Computer Science Engineering
Patent	A system for the synthesis of biodiesel from a mixed oil feedstock consisting of waste grease and Pongamia oil	08/07/2025	Manipal University Jaipur Jaipur	Grant	G25454DE	31/07/2025	20 2025	1023	31/07/2025	202025103900		Mechanical Engineering
Patent	Offline Health Diagnostic System for Early Detection of chronic kidney disease (CKD)	05/08/2025	Manipal University Jaipur Jaipur,Dr Shivendra Dubey,Manipal University Jaipur,Ms Snigdha Chatterjee Manipal University Jaipur	Applied	202511074299							Artificial Intelligence and Machine Learning
Patent	A REAL TIME ACCIDENT DETECTION AND NOTIFICATION SYSTEM USING RASPBERRY PI 5	01/07/2025	Manipal University Jaipur Jaipur	Published	202511062657A	18/07/2025	29/2025	69536				IoT and Intelligent System
Patent	A WEARABLE DEVICE FOR REAL-TIME DETECTION AND HAPTIC MANAGEMENT OF RESTLESS LEG SYNDROME SYMPTOMS	01/07/2025	Manipal University Jaipur Jaipur	Published	202511062656A	18/07/2025	29/2025	69535				IoT and Intelligent System
Patent	A Device and a method for Sustainable, Non-Electric Water Purification and Community Training Contributing to SDG 6 (Clean Water), SDG 4 (Education), and SDG 3 (Health) through localized, eco-friendly innovation	07/08/2025	Manipal University Jaipur Jaipur,Dr. Shweta Gakhreja Jaipur	Published	202511075292A	29/08/2025	35/2025	82851				CDOE - Management
Patent	A Real-Time Host Intrusion Detection System by SystemCalls Using a CNN-LSTM, XGBoost, and Autoencod	03/07/2025	Manipal University Jaipur Jaipur	Applied	202511063544							Artificial Intelligence and Machine Learning
Patent	An Automated Waste Segregation System Utilizing Deep Learning and IoT for Recycling Optimization	06/06/2025	Manipal University Jaipur Jaipur	Published	202511054685	20/06/2025	25/2025	59659				Artificial Intelligence and Machine Learning
Patent	Smart Soil Nutrient Analyzer System with IoT Connectivity and AI-Based Crop Advisory Mechanism	06/08/2025	Manipal University Jaipur Jaipur	Published	202511074797	29/08/2025	35/2025	82821				Computer Science Engineering
Patent	AI-INTEGRATED AUTONOMOUS SOLAR IRRIGATION SYSTEM WITH BLOCKCHAIN AND FOG HARVESTING	15/07/2025	Manipal University Jaipur Jaipur	Published	202511067413	01/08/2025	31/2025	74033				Mechanical Engineering
Patent	Summarizing News Articles with a Graph-Based Framework	31/07/2025	Manipal University Jaipur Jaipur	Published	202511072732	22/08/2025	34/2025	80204				Computer Applications
Patent	A System and Method for an Autonomous Fixed-Wing UAV for Hyperspectral Imaging-Based Precision Agriculture	28/07/2025	Manipal University Jaipur Jaipur	Published	202511071398	22/08/2025	34/2025	80083				Data Science
Patent	A FOOT-OPERATED ROTATING VALVE SYSTEM FOR WATER CONTROL	22/07/2025	Manipal University Jaipur Jaipur	Grant	2025072207480208DE	18/08/2025	F16K 31 62	F16K 31 62	18/08/2025	F16K 31 62		Mechanical Engineering
Patent	A Modeling and Simulation Framework for COVID-19 Dynamics Incorporating Matrix Methods and Compartmental Equations	01/08/2025	Manipal University Jaipur Jaipur	Published	202511073383	22/08/2025	34/2025	11				Mathematics& Statistics
Patent	Intelligent Parcel Delivery Box with Authenticated Access and Theft Detection	12/08/2025	Manipal University Jaipur Jaipur	Published	202511076582A	05/09/2025	36/2025	85472				Mechatronics Engineering

Patent	A LORA-BASED GPS TRACKING AND EMERGENCY ALERT SYSTEM FOR REMOTE EXPLORATION	01/07/2025	Manipal University Jaipur Jaipur	Published	202511062655A	22/08/2025	34/2025	80003			IoT and Intelligent System
Patent	System and Method for Analyzing e-HRM Adoption Using the Technology Acceptance Model	25/07/2025	Manipal University Jaipur Jaipur	Published	202511070973	25/07/2025	33/2025	78186			Department of Management
Patent	System and Method for Real-Time Automated Expense Report Processing with Integrated Fraud Detection Using Machine Learning and Behavioral Analytics	25/07/2025	Manipal University Jaipur Jaipur	Published	202511070972	15/11/2025	33/2025	78185			Department of Management
Patent	Adaptive Behavioural Intervention Framework for Blockchain Integration in Accounting and Auditing Using Capability, Opportunity, and Motivation Analysis	25/07/2025	Manipal University Jaipur Jaipur	Published	202511070971	15/08/2025	33/2025	78184			Department of Management
Patent	A Multi-Level Approval Workflow Enabling Teachers and Administrators to Review And Approve/Reject Requests	24/07/2025	Manipal University Jaipur Jaipur	Published	202511070372	15/08/2025	33/2025	78147			Computer Science Engineering
Patent	A system for Enhancing Thermal and Mass Transport Using Bioconvective Walters' B Nanofluids over Electromagnetic Actuators and Method Thereof	15/07/2025	Manipal University Jaipur Jaipur	Published	202511067318A	01/08/2025	202511067318 A	22			Mathematics& Statistics
Patent	An Electricity Optimization Device Along with the Internet of Things	28/07/2025	Manipal University Jaipur Jaipur	Published	202511071470	22/08/2025	34/2025	80084			Computer Science Engineering
Patent	A single digital payment system to facilitate real-time international interbank transactions	30/07/2025	Manipal University Jaipur Jaipur	Published	202511072311	22/08/2025	34/2025	80148			Computer Science Engineering
Patent	An IoT-Enabled Smart Vision Assistant for Sewing Machine Needle Threading: Empowering Rural Workforce	30/07/2025	Manipal University Jaipur Jaipur	Published	202511072445	22/08/2025	34/2025	80180			Computer Science Engineering
Patent	AN AI-POWERED MARKET SIMULATION FOR PRODUCT-CENTRIC BUSINESSES	14/07/2025	Manipal University Jaipur Jaipur	Published	202511066861	22/08/2025	34/2025	20			IoT and Intelligent System
Patent	A FOOT-OPERATED ROTATING VALVE SYSTEM FOR WATER CONTROL	18/07/2025	Manipal University Jaipur Jaipur	Published	202511068941	08/08/2025	32 2025	76139			Mechanical Engineering
Patent	An Accreditation Framework for Indian Higher Education Institutions Grounded in Parental Perceptions	28/10/2025	Manipal University Jaipur Jaipur	Published	202511103567A	12/12/2025	50/2025	124466			CDOE - Management
Patent	A Maslow-Aligned HR Framework to Curb Employee Turnover in the Hospitality Industry	29/09/2025	Manipal University Jaipur Jaipur, Manipal University Jaipur Jaipur	Published	202511093277A	14/11/2025	46/2025	110636			CDOE - Management
Patent	AI-Driven Posture Corrector with Real-Time Movement Tracking and Feedback System	12/08/2025	Manipal University Jaipur Jaipur	Published	202511076484	05/09/2025	36/2025	85432			Mechanical Engineering
Patent	AGROSENTINEL: A SMART DEVICE FOR CROP DISEASE DETECTION AND RECOGNITION OF WILDLIFE INTERFERENCE	05/06/2025	Manipal University Jaipur Jaipur	Published	202511054231A	20/06/2025	202511054231A	16			Computer Communication Engineering
Patent	A Behavioural Integration Model of Forgiveness Propensity for Organisational Harmony	17/06/2025	Manipal University Jaipur Jaipur	Applied	202511066125						Psychology
Patent	A Cost-Effective NPK and Moisture-Based Soil Monitoring System Using NodeMCU	16/07/2025	Manipal University Jaipur Jaipur	Published	202511067694	08/08/2025	32/2025	76017			IoT and Intelligent System
Patent	An IoT-based Smart Parking System using Arduino UNO and Xcode	16/07/2025	Manipal University Jaipur Jaipur	Applied	202511067693						IoT and Intelligent System
Patent	A System for Real-Time Health Monitoring Using IoT-Based ECG/Pulse Sensors with MATLAB Driven Cloud Alerts	20/05/2025	Manipal University Jaipur Jaipur, Dr. Abhay Sharma Jaipur, Ms. Aanya Gupta Jaipur	Applied	202511050343						IoT and Intelligent System
Patent	OBD-II-integriertes regeneratives Bremsoptimierungssystem auf Basis von SOC und Fahrbedingungen	08/07/2025	Manipal University Jaipur Jaipur	Grant	202025103902	11/07/2025	28/2025	14	23/07/2025	202025103902	Computer Communication Engineering
Patent	A system for safety-oriented location tracking and emergency communication using a wearable smart band	09/07/2025	Manipal University Jaipur Jaipur	Published	2020251039338	22/07/2025	2025070913541 996DE	00			Data Science
Patent	A CAREERCANVA SYSTEM FOR INTELLIGENT CAREER PATHWAY AND PORTFOLIO MANAGEMENT.	28/04/2025	Manipal University Jaipur Jaipur	Published	202511040717	16/05/2025	20/2025	45674			Computer Applications
Patent	A Method for Disaster-Resilient Digital File Dissemination via Fountain-Coded Broadcast with Super-Peer Election and Sparse Acknowledgement	03/07/2025	Manipal University Jaipur Jaipur, Manipal University Jaipur Jaipur	Published	202511063465	18/07/2025	29/2025	69577			Computer Applications
Patent	PORTABLE 3D ODOR COMPASS DEVICE FOR MOBILE ROBOTS	03/07/2025	Manipal University Jaipur Jaipur	Grant	2020251037998	29/07/2025	1	1	29/07/2025	202025103799	Mechatronics Engineering

Patent	A MULTI-TASK DEEP LEARNING SYSTEM FOR THE DETECTION OF ALZHEIMER'S AND PARKINSON'S DISEASE USING MRI	28/07/2025	Manipal University Jaipur Jaipur	Published	202511071372	22/08/2025	34/2025	80079			Computer Science Engineering
Patent	SYSTEM FOR GESTURE-CONTROLLED AUTO-STABILIZATION AND NAVIGATION OF A QUADCOPTER USING ARDUINO AND COMPUTER VISION	25/06/2025	Manipal University Jaipur Jaipur	Grant	2025070913542928DE	28/07/2025	202025103934	NA	28/07/2025	202025103934	Artificial Intelligence and Machine Learning
Patent	A Method and a System of Real-Time Multi-Mode 3D Sparse SLAM System Using ORB-SLAM3 on an Embedded Platform	08/07/2025	Manipal University Jaipur Jaipur	Published	202511064816	25/07/2025	30/3025	71542			Computer Science Engineering
Patent	INTELLIGENT CURTAIN AUTOMATION SYSTEM USING ML AND REAL-TIME SENSOR DATA	21/06/2025	Manipal University Jaipur Jaipur	Published	202511059617	11/07/2025	28/2025	66324			Artificial Intelligence and Machine Learning
Patent	A Smart Automobile Exhaust Pipe	29/07/2025	Manipal University Jaipur Jaipur	Published	202511071905	22/08/2025	34/2025	80125			CDOE - Management
Patent	A Process for Driving Adoption of Digital Technologies in the Agriculture Sector Using a Socio-Technical Decision Support Framework	03/07/2025	Manipal University Jaipur Jaipur	Published	202511063607A	18/07/2025	29/2025	69581			Economics
Patent	Concrete composition system with Nano-silica, RGO and industrial waste	02/07/2025	Manipal University Jaipur Jaipur	Published	202511068583	08/08/2025	32/2025	76110			Civil Engineering
Patent	KINTSUGI-INSPIRED UPCYCLED GARMENT	11/04/2025	Manipal University Jaipur Jaipur	Published	202511035518A	25/04/2025	17/2025	38949			Fashion Design
Patent	SmartFace: An Automated, Contactless Attendance System Utilizing Real-Time Facial Recognition	30/06/2025	Manipal University Jaipur Jaipur	Published	202511062112	11/07/2025	28/2025	66528			Computer Communication Engineering
Patent	A METHOD AND A SYSTEM FOR REAL-TIME ESTIMATION OF ACTUAL EVAPOTRANSPIRATION (AET) USING A DRONEBASED MULTI-SENSOR SYSTEM WITH AI INTEGRATION	10/06/2025	Manipal University Jaipur Jaipur	Published	202511055833	20/06/2025	25/2025	59753			Computer Science Engineering
Patent	: AN INTELLIGENT ASSISTIVE ROBOTIC SYSTEM WITH VOICE AND GESTURE CONTROL FOR ELDERLY AND PHYSICALLY IMPAIRED USERS	09/07/2025	Manipal University Jaipur Jaipur	Grant	2025070913540828DE	01/09/2025	202025103931	1	01/09/2025	202025103931	Mechanical Engineering
Patent	HYDROPHOBIC COATING SYSTEM FOR SOLAR PHOTO-VOLTAIC	16/07/2025	Manipal University Jaipur Jaipur	Grant	202025104090	20/08/2025	183/04	1	20/08/2025	202025104090	Mechanical Engineering
Patent	MECHANICAL ELEVATOR SAFETY SYSTEM USING PULLEY ACTUATED TRAPDOORS	07/07/2025	Manipal University Jaipur Jaipur	Grant	2025070715283903DE	25/07/2025	202025103867	1	25/07/2025	202025103867	Mechanical Engineering
Patent	AN INTEGRATED SOLAR PV AND WATER HEATER SYSTEM FOR IMPROVING ENERGY EFFICIENCY	06/07/2025	Manipal University Jaipur Jaipur	Grant	2025070808500227DE	08/09/2025	20 2025 103874	H02S40/44	08/09/2025	H02S40/44	Mechanical Engineering
Patent	An IoT and Wi-Fi enabled smart industrial hydraulic proportional pressure reducing valve system	14/07/2025	Manipal University Jaipur Jaipur	Grant	2020251040514	07/08/2025	20 2025 104 051.4	104051.4	07/08/2025	20 2025 104 051.4	Mechatronics Engineering
Patent	A Screwdriver Removable Oil Filter	26/05/2025	Manipal University Jaipur Jaipur	Published	202511060222	11/07/2025	28/2025	66356			CDOE - Management
Patent	An AI-Powered Automation System for Intelligent Computer Control	02/07/2025	Manipal University Jaipur Jaipur	Grant	2025070218131139DE	22/09/2025	001	300	22/09/2025	202025103763	Data Science
Patent	An AI-Powered Automation System for Intelligent Computer Control	11/06/2025	Manipal University Jaipur Jaipur	Published	202511056134	27/06/2025	26/2025	61502			Data Science
Patent	Voice-Activated Smart Home System with Real-Time Scheduling and Localized Device Control	19/06/2025	Manipal University Jaipur Jaipur	Published	202511058826	04/07/2025	27/2025	63613			Computer Science Engineering
Patent	AN AI BASED EDUCATIONAL QUERY RESPONSE SYSTEM	17/06/2025	Manipal University Jaipur Jaipur	Published	202511058147	04/07/2025	27/2025	63482			Computer Science Engineering
Patent	Smart Office Chair with Integrated Posture Correction, Health Monitoring, and Availability Alert Sys	12/03/2025	Manipal University Jaipur Jaipur	Published	202511022253	21/03/2025	12/2025	27573			Data Science
Patent	INTEGRATED CLEANING AND COOLING SYSTEM FOR IMPROVING ENERGY EFFICIENCY OF SOLAR PV	08/07/2025	Manipal University Jaipur Jaipur	Grant	2025070813575850DE	18/07/2025	H02S	40/10	18/07/2025	20 2025 103 903	Mechanical Engineering
Patent	A HYBRID UAS-NETWORK SYSTEM FOR PRECISION AGRICULTURE AND CROP HEALTH MONITORING	28/04/2025	Manipal University Jaipur Jaipur	Published	202511040714	16/05/2025	20/2025	45669			Computer Science Engineering
Patent	INTEGRATED CLEANING AND COOLING SYSTEM FOR IMPROVING ENERGY EFFICIENCY OF SOLAR PV	24/06/2025	Manipal University Jaipur Jaipur	Published	202511060166	11/07/2025	28/2025	66354			Mechanical Engineering
Patent	A Robust Solver for Singularity Perturbed Two-Parameter Models in Time-Lagged Control Systems	12/05/2025	Manipal University Jaipur Jaipur	Published	202511033198	30/05/2025	22/2025	13			Mathematics& Statistics
Patent	AI FITNESS COACHING SYSTEM FOR REAL-TIME POSTURE CORRECTION AND EXERCISE MONITORING USING COMPUTER VISION	26/06/2025	Manipal University Jaipur Jaipur	Published	202511060741A	11/07/2025	28/2025	66447			Information and Technology
Patent	SYSTEM FOR AI-ASSISTED CODE REVIEW AND EXPLANATION USING INTEGRATED STATIC ANALYSIS AND LANGUAGE MODELS	26/06/2025	Manipal University Jaipur Jaipur	Published	202511061038A	11/07/2025	28/2025	66348			Information and Technology

Patent	SMARTPHONE CHARGING WATER PURIFIER DEVICE	18/06/2025	Manipal University Jaipur Jaipur	Published	202511058562	04/12/2025	27/2025	63598			Mechatronics Engineering
Patent	A System and Method of Human-AI Collaboration to Create an Adaptive Personalized Learning with Real-Time Feedback	26/05/2025	Manipal University Jaipur Jaipur	Published	202511050214A	13/06/2025	24/2025	56193			Economics
Patent	A System and Method for Resolving Equity Barriers inTechnology-Enabled Learning Environments	26/05/2025	Manipal University Jaipur Jaipur	Published	202511050161	13/06/2025	24/2025	56193			Economics
Patent	OBD-II INTEGRATED REGENERATIVE BRAKING OPTIMIZATION SYSTEM BASED ON SOC AND DRIVING CONDITIONS	25/06/2025	Manipal University Jaipur Jaipur	Published	202511060670	11/07/2025	28/2025	14			Computer Communication Engineering
Patent	REAL-TIME FACE TRACKING SYSTEM	21/06/2025	Manipal University Jaipur Jaipur	Published	202511059506	04/07/2025	27/2025	63657			Artificial Intelligence and Machine Learning
Patent	A SYSTEM AND METHOD FOR SMART E-COMMERCE PLATFORM FOR FOOTBALL KITS	06/05/2025	Manipal University Jaipur Jaipur	Published	202511043689	30/05/2025	22/2025	50094			Computer Science Engineering
Patent	AN IOT AND WI-FI ENABLED SMART INDUSTRIAL HYDRAULIC PROPORTIONAL PRESSURE REDUCING VALVE SYSTEM	11/07/2025	Manipal University Jaipur Jaipur	Published	202511066388	01/08/2025	31/2025	73882			Mechatronics Engineering
Patent	A SYSTEM FOR SYNTHESIZING BIODIESEL FROM A MIXED OIL FEEDSTOCK COMPRISING WASTE COOKING OIL AND PONGAMIA OIL	26/06/2025	Manipal University Jaipur Jaipur	Published	202511061054	11/07/2025	28/2025	11			Mechanical Engineering
Patent	A HYBRID DEEP LEARNING MULTI-INTENT CLASSIFICATION SYSTEM FOR USING HYBRID SEQUENTIAL MODELS	06/06/2025	Manipal University Jaipur Jaipur	Published	202511054681A	20/06/2025	25/2025	59658			Artificial Intelligence and Machine Learning
Patent	A Novel Technique for Numerical Solution of Fractional Delay Differential Equations	07/07/2025	Manipal University Jaipur Jaipur	Published	202511064599A	25/07/2025	30/2025	71533			Mathematics& Statistics
Patent	REAL-TIME IOT CYBERSECURITY WITH DECENTRALIZED THREAT DETECTION AND BLOCKCHAIN	21/03/2025	Manipal University Jaipur Jaipur	Published	202511025774	04/04/2025	14/2025	33279			Computer Communication Engineering
Patent	TALK2SIGN - AN AUDIO TO SIGN LANGUAGE TRANSLATION SYSTEM	23/05/2025	Manipal University Jaipur Jaipur	Published	202511049594	13/06/2025	24/2025	56061			Computer Science Engineering
Patent	AN INTELLIGENT ASSISTIVE ROBOTIC SYSTEM WITH VOICE AND GESTURE CONTROL FOR ELDERLY AND PHYSICALLY IMPAIRED USERS	19/06/2025	Manipal University Jaipur Jaipur	Published	202511059010	04/07/2025	27/2025	63637			Mechanical Engineering
Patent	MECHANICAL ELEVATOR SAFETY SYSTEM USING PULLEY-ACTUATED TRAPDOORS	17/06/2025	Manipal University Jaipur Jaipur	Published	202511058035	04/07/2025	27/2025	63631			Mechanical Engineering
Patent	A SMART VEHICLE SPEED REGULATION SYSTEM WITH AUTO-PENALTY AND SATELLITE-GUIDED SPEED COMPLIANCE	02/06/2025	Manipal University Jaipur Jaipur	Published	202511053318A	20/06/2025	25/2025	595			Data Science
Patent	A Stress Monitoring System Using Wearable Sensor Data Integrated with an Ensemble Machine Learning Model	07/05/2025	Manipal University Jaipur Jaipur	Published	202511044124	23/05/2025	21/2025	48286			Computer Applications
Patent	Safety purpose smart band for location tracking and communication	23/06/2025	Manipal University Jaipur Jaipur	Published	202511060152A	11/07/2025	28/2025	66336			Data Science
Patent	A Dual-Function Protective Frying Device with Half Slider Lid and Mesh Separator for Indian Wok	29/05/2025	Manipal University Jaipur Jaipur	Published	202511051477	27/06/2025	26/2025	61482			Hotel Management
Patent	A Battery-Operated Kitchen Appliance with Interchangeable Heads	10/06/2025	Manipal University Jaipur Jaipur	Published	202511055726	20/06/2025	25/2025	59762			Hotel Management
Patent	An Innovative System and Methodology for An Intelligent Website Builder Using Large Language Model (LLM)	01/07/2025	Manipal University Jaipur Jaipur	Published	202511062659	18/07/2025	29/2025	69537			Information and Technology
Patent	A System for Real-Time Employee Feedback Analysis on Workplace Satisfaction Using AI	06/06/2025	Manipal University Jaipur Jaipur	Applied	202511054666A						CDOE - Management
Patent	A METHOD FOR VISION-BASED INTELLIGENT SEGREGATION IN SMART WASTE MANAGEMENT	10/06/2025	Manipal University Jaipur Jaipur	Published	202511055746	20/06/2025	25/2025	59764			Artificial Intelligence and Machine Learning
Patent	A Smart Recommendation System for E-Business using Metadata and Generative Adversarial Learning (CF-MGAN)	27/05/2025	Manipal University Jaipur Jaipur,NA NA	Published	202511050607A	13/06/2025	24/2025	56341			Information and Technology
Patent	A Seismic Sensor-Based Border Intrusion Detection System Using Geophone	13/05/2025	Manipal University Jaipur Jaipur	Published	202511060227	11/07/2025	28/2025	66376			Computer Science Engineering
Patent	PORTABLE 3D ODOR COMPASS DEVICE FOR MOBILE ROBOTS	11/06/2025	Manipal University Jaipur Jaipur	Published	202511056228	27/06/2025	26/2025	61524			Mechatronics Engineering
Patent	Dreamopia: A Creative Intelligence Platform for Transforming Dreams, Thoughts, and Emotions into Certified Expressions through AI Guidance and Blockchain Verification	29/05/2025	Manipal University Jaipur Jaipur	Published	202511051940	27/06/2025	26/2025	61480			Business Administration

Patent	A SYSTEM AND A METHOD FOR MEASURING EMOTIONAL CONNECTION TO GARMENTS TO PROMOTE SUSTAINABLE CONSUMER BEHAVIOR	14/05/2025	Manipal University Jaipur Jaipur	Published	202511046183	30/05/2025	14/2025	33275			Fashion Design
Patent	An intervention for Assessing and Enhancing Student Attention Span Based on Multidimensional Educational Factors	26/05/2025	Manipal University Jaipur Jaipur	Published	202511060224A	11/07/2025	28/2025	66375			CDOE - Management
Patent	AIHRM: A smarter way to integrate Artificial Intelligence into Human Resource Management Decisions.	25/06/2025	Manipal University Jaipur Jaipur	Published	202511068110	08/08/2025	32/2025	76022			CDOE - Management
Patent	A Computational Model and 3D Sharenting Framework for Evaluating Digital Parenting Behaviour.	23/05/2025	Manipal University Jaipur Jaipur	Published	202511060223A	11/07/2025	28/2025	66374			CDOE - Management
Patent	A SPEECH-TO-BRAILLE CONVERTER WITH HEAT TACTILE FEEDBACK FOR VISUALLY AND HEARING-IMPAIRED INDIVIDUALS	12/06/2025	Manipal University Jaipur Jaipur	Published	202511056771A	27/06/2025	26/2025	61514			Artificial Intelligence and Machine Learning
Patent	A SYSTEM AND METHOD TO IMPROVE THE DETECTION AND TRACKING OF FINANCIAL SCAMS AND FRAUDS THROUGH THE USE OF ARTIFICIAL INTELLIGENCE	10/03/2025	Manipal University Jaipur Jaipur	Published	202511021237	28/03/2025	13/2025	30260			Department of Management
Patent	Hydrophobic Coating System for Solar Photo-Voltaic	23/06/2025	Manipal University Jaipur Jaipur	Published	202511059770	11/07/2025	28/2025	66340			Mechanical Engineering
Patent	AN AI-DRIVEN MENTAL HEALTH SUPPORT SYSTEM FOR EMPATHETIC CONVERSATIONS AND RESOURCE RECOMMENDATIONS	15/05/2025	Manipal University Jaipur Jaipur	Published	202511046650A	30/05/2025	22/2025	50188			Artificial Intelligence and Machine Learning
Patent	A METHOD AND APPARATUS FOR REAL-TIME RECOGNITION AND TRANSLATION OF SIGN LANGUAGE WITH TEXT-TO SPEECH FEEDBACK	29/04/2025	Manipal University Jaipur Jaipur	Published	202511041172	16/05/2025	20/2025	45687			Computer Science Engineering
Patent	AI-POWERED E-WASTE SORTING SYSTEM USING BROWSER-BASED REAL-TIME COMPUTER VISION	05/06/2025	Manipal University Jaipur Jaipur	Published	202511054210	20/06/2025	25/2025	59678			Information and Technology
Patent	Vertically Integrated Data Centre System With AI-Based Cooling Along With PCM Based Immersion	12/06/2025	Manipal University Jaipur Jaipur	Published	202511056772	26/06/2025	26/2025	26			Data Science
Patent	Bannercraft: A System and Method for Automated Banner Generation Utilizing Integrated Artificial Intelligence (AI)	05/06/2025	Manipal University Jaipur Jaipur	Published	202511054218	20/06/2025	25/2025	59579			IoT and Intelligent System
Patent	A Smart Automation System for Medical Report Analysis and Consultation	05/06/2025	Manipal University Jaipur Jaipur	Published	202511054219	27/06/2025	26/2025	61490			IoT and Intelligent System
Patent	Staying Power: Personnel Practices Sway Employee Intended Turnover in the Hotel Industry	29/05/2025	Manipal University Jaipur Jaipur	Published	202511065701A	25/07/2025	30/2025	71603			CDOE - Management
Patent	An Intelligent Deep Learning Framework for Predictive Healthcare Analytics Using Adaptive Data Model	28/04/2025	Manipal University Jaipur Jaipur	Published	202511040716	16/05/2025	20/2025	45673			Computer Applications
Patent	A System and Method for Iterative Course Plan Development Using Kaizen and Co-Design for Enhanced Student Growth	06/05/2025	Manipal University Jaipur Jaipur	Published	202511043671A	03/01/2025	202411093000	1			Economics
Patent	A Raspberry Pi-Based Remote Medication Dispenser System with Web-Based Management Portal"	16/04/2025	Manipal University Jaipur Jaipur	Published	202511036743A	02/05/2025	18/2025	41188			Artificial Intelligence and Machine Learning
Patent	AN INTELLIGENT HYBRID LOGISTIC REGRESSION-RANDOM FOREST FRAMEWORK FOR PREDICTING WORKPLACE MENTAL HEALTH ISSUES	09/05/2025	Manipal University Jaipur Jaipur	Published	202511045462	23/05/2025	21/2025	48336			IoT and Intelligent System
Patent	A HIERARCHICAL ATTENTION-DRIVEN SYSTEM FOR ENHANCED ASPECT-BASED SENTIMENT ANALYSIS IN MULTI-SENTENCE REVIEWS	09/05/2025	Manipal University Jaipur Jaipur	Published	202511044852A	23/05/2025	21/2025	48225			Information and Technology
Patent	A PROCESS FOR ENHANCING UNIVERSITY RANKING AND IMPROVING THE TEACHING-LEARNING PROCESS USING SENTIMENT ANALYSIS	09/05/2025	Manipal University Jaipur Jaipur	Published	202511044851	23/05/2025	21/2025	48224			Information and Technology
Patent	A METHOD FOR ANALYZING CONSUMER ADOPTION OF DIGITAL COUPONS	20/03/2025	Manipal University Jaipur Jaipur	Published	202511024907	04/04/2025	14/2025	48278			Department of Management
Patent	A Holistic Framework for Evaluating Brand Image and Its Impact on Consumer Preferences in Silk Apparel	29/04/2025	Manipal University Jaipur Jaipur	Published	202511041181A	16/05/2025	20/2025	45699			CDOE - Management
Patent	A MATHEMATICAL MODELLING FOR BIOCONVECTIVE DYNAMICS IN MAGNETO-MICROPOLAR FLUID FLOW OVER POROUS SURFACE WITH MASS DIFFUSION AND ENERGY FLUX INDUCTION	23/04/2025	Manipal University Jaipur Jaipur	Applied	202511038854A						Mathematics& Statistics

Patent	Integrated Method and System for Enhancing Financial Inclusion through PLS SEM	24/04/2025	Manipal University Jaipur/ Dr. C. Anirvinna Jaipur, Manipal University Jaipur/ Dr. Jeyakrishnan V Jaipur, Manipal University Jaipur/ Dr. Jyoti Ranjana Jaipur	Applied	202511039329A						Computer Science Engineering
Patent	A METHOD FOR ENVIRONMENTAL-AWARE URBAN DEVELOPMENT USING GEOSPATIAL INTELLIGENCE SYSTEM (GIS)	29/04/2025	Manipal University Jaipur Jaipur	Applied	202511041260						Artificial Intelligence and Machine Learning
Patent	A SMART TRAFFIC PREDICTION SYSTEM	11/03/2025	Manipal University Jaipur Jaipur	Published	202511021890A	21/03/2025	12/2025	27575			IoT and Intelligent System
Patent	IOT ENABLED SMART MEDICINE ORGANIZER AND DISPENSER	04/03/2025	Manipal University Jaipur Jaipur	Published	202511018976A	21/03/2025	12/2025	27486			IoT and Intelligent System
Patent	AUTONOMOUS PIPELINE MONITORING ROBOT WITH EDGE AI FOR ENERGY-EFFICIENT PREDICTIVE MAINTENANCE	04/03/2025	Manipal University Jaipur Jaipur	Published	202511018975A	21/03/2025	12/2025	27485			IoT and Intelligent System
Patent	A SMART ATTENDANCE MANAGEMENT SYSTEM BASED ON FACE RECOGNITION	11/03/2025	Manipal University Jaipur Jaipur	Published	202511021889A	21/03/2025	12/2025	27574			IoT and Intelligent System
Patent	SUN TRACKING SOLAR PANELS FOR SOLAR-POWERED UAV	25/02/2025	Manipal University Jaipur Jaipur	Published	202511016435A	14/03/2025	11/2025	25615			IoT and Intelligent System
Patent	An Intelligent Crop Health Monitoring System Using IoT and AI	25/04/2025	Manipal University Jaipur Jaipur	Published	202511039780A	16/05/2025	20/2025	45613			Information and Technology
Patent	APPLICATIONS IN CHEMICAL AND CATALYTIC SYSTEMS: EXAMINATION AND NUMERICAL RESOLUTION OF SINGULARLY PERTURBED PARTIAL DIFFERENTIAL EQUATIONS WITH INTEGRAL BOUNDARY CONDITIONS AND LARGE SPATIAL DELAYS	04/04/2025	Manipal University Jaipur Jaipur	Published	202511045478	25/04/2025	17/2025	38799			Mathematics& Statistics
Patent	AN INTELLIGENT ELEVATOR SYSTEM FOR ENERGY OPTIMIZATION AND CALL VALIDATION	21/04/2025	Manipal University Jaipur Jaipur	Published	202511040686A	16/05/2025	20/2025	45667			Computer Communication Engineering
Patent	SELF-SUSTAINING WEARABLE DEVICE FOR EMOTIONAL HEALTH MANAGEMENT	23/03/2025	Manipal University Jaipur Jaipur	Published	202511027440	16/05/2025	20/2025	45667			Computer Communication Engineering
Patent	AN AI-BASED SOIL INTELLIGENCE AND ADAPTIVE FARMING SYSTEM FOR SUSTAINABLE AGRICULTURE	30/04/2025	Manipal University Jaipur Jaipur	Published	202511041592	16/05/2025	20/2025	45719			Computer Communication Engineering
Patent	A MODEL FOR FACE DETECTION: HYBRID HOG-SVM ENCRYPTION	17/01/2025	Manipal University Jaipur Jaipur	Published	202511004002	31/01/2025	05/2025	11111			Computer Applications
Patent	KINTSUGI-INSPIRED UPCYCLED GARMENT	11/04/2025	Manipal University Jaipur Jaipur	Applied	202511035518						Fashion Design
Patent	AI-POWERED SMART CAMPUS NOISE MAPPING SYSTEM	24/03/2025	Manipal University Jaipur Jaipur	Published	202511027439	04/04/2025	14/2025	33382			Mechanical Engineering
Patent	SELF-ANALYSIS TOOL FOR RACQUET-BASED SPORTS	01/05/2025	Manipal University Jaipur Jaipur	Published	202511043187	23/05/2025	21/2025	48294			Mechanical Engineering
Patent	AI-Driven Node Allocation System For Optimized Tax Filing Network	12/05/2025	Manipal University Jaipur Jaipur	Published	202511045299	23/05/2025	21/2025	27			Data Science
Patent	A Single Board Computer (SBC)-based Smart Mirror System to Provide Outfit Recommendations	07/05/2025	Manipal University Jaipur Jaipur	Published	202511044178	23/06/2025	21/2025	48323			IoT and Intelligent System
Patent	A Neural Machine Translation (NMT) Model for English-Sanskrit using Contemporary and Classical Corpora	15/04/2025	Manipal University Jaipur Jaipur	Published	202511044144	23/05/2025	21/2025	483			Computer Science Engineering
Patent	A Process for Evaluating Faculty Career Success through Digitalized Organizational Career Management Systems	07/05/2025	Manipal University Jaipur Jaipur	Applied	202511044221A						CDOE - Management
Patent	Kinetic Energy-Harvesting Sports Arena For Self-Sustaining Smart Parks	05/05/2025	Manipal University Jaipur Jaipur	Published	202511043621	23/05/2025	21/2025	29			Data Science
Patent	SYSTEM FOR REAL-TIME OBDII DATA COMPRESSION AND TRANSMISSION USING NEURAL NETWORKS FOR EDGE DEVICES	05/05/2025	Manipal University Jaipur Jaipur	Published	202511043188	23/05/2025	21/2025	24			Computer Communication Engineering
Patent	SMART WEARABLE HEALTH MONITORING, POSTURE CORRECTION, AND FALL DETECTION SYSTEM WITH REAL-TIME TRACKING	17/03/2025	Manipal University Jaipur Jaipur	Published	202511023815	04/04/2025	14/2025	33146			Computer Communication Engineering
Patent	AQUAGUARDIAN: AN AUTOMATED CAREGIVER FOR AQUARIUMS AND AQUACULTURE SETS	18/03/2025	Manipal University Jaipur Jaipur	Published	202511023814	04/04/2025	14/2025	33145			Computer Communication Engineering
Patent	Student Personality Development System: Integrating AI and Psychology for Holistic Growth	26/03/2025	Manipal University Jaipur Jaipur	Published	202511028319	11/04/2025	15/2025	34872			Artificial Intelligence and Machine Learning

Patent	A method for predicting the impact of pollen on allergy severity	04/04/2025	Manipal University Jaipur Jaipur	Published	202511033226	25/04/2025	17/2025	38801			Artificial Intelligence and Machine Learning
Patent	Bioconvective Dynamics of Casson Fluid Flow: An Analysis of Brownian Motion, Thermophoresis, and its Biomedical Applications	26/03/2025	Manipal University Jaipur Jaipur	Published	202511028306A	11/04/2025	15/2025	34822			Mathematics& Statistics
Patent	AI-Driven Automated Feedback System for E-Learning Discussion Forums with Sentiment Analysis and Adaptive Learning Pathways	29/04/2025	Manipal University Jaipur Jaipur	Published	202511041113	16/05/2025	20/2025	45681			CDOE - Computer Application
Patent	Abstractive Text Summarization in Healthcare analytics using pre-trained model T5	21/03/2025	Manipal University Jaipur Jaipur	Published	202511025717	04/04/2025	14/2025	33276			Computer Applications
Patent	An Automated Defence System for Real-Time Enemy Detection and Secure Remote Operation Using STM32 Microcontroller	21/03/2025	Manipal University Jaipur Jaipur	Published	202511025738	04/04/2025	202511025738 A	33277			Electronics and Communication Engineering
Patent	Enhanced Human Action Recognition System Using Convolutional Neural Networks and DCGAN-Based Preprocessing	17/03/2025	Manipal University Jaipur Jaipur	Published	202511023327	04/04/2025	14/2025	33126			Computer Science Engineering
Patent	MULTIMODAL HUMAN BEHAVIOR PREDICTION AND EARLY INTERVENTION SYSTEM (MABPIS)	19/03/2025	Manipal University Jaipur Jaipur	Published	202511024390	04/04/2025	14/2025	33163			Computer Communication Engineering
Patent	MODELING PUBLIC-PRIVATE COLLABORATION FOR THE REJUVENATION OF TRAINING SYSTEMS IN TEXTILE SMES	20/02/2025	Manipal University Jaipur Jaipur	Published	202511015789	14/03/2025	11/2025	25634			Business Administration
Patent	SCENT-INFUSED FABRICS WITH TIME-RELEASE MECHANISMS	04/03/2025	Manipal University Jaipur Jaipur	Applied	202511018986						Fashion Design
Patent	IOT-DRIVEN SECURE HEALTHCARE SYSTEM WITH AI-ENHANCED ELLIPTIC CURVE CRYPTOGRAPHY AND ANOMALY DETECTION	04/03/2025	Manipal University Jaipur Jaipur	Published	202511019071A	21/03/2026	12/2025	27502			Computer Science Engineering
Patent	SCRAPNET: ADVANCED DEEP LEARNING SYSTEM FOR AUTOMATED TRASH CLASSIFICATION AND RECYCLING	06/03/2025	Manipal University Jaipur Jaipur	Published	202511020051A	21/03/2025	12/2025	27517			Computer Science Engineering
Patent	EDGE COMPUTING-BASED PRECISION AGRICULTURE SYSTEM WITH SDC-LSTM FOR REAL-TIME CROP MONITORING AND DYNAMIC MANAGEMENT	12/02/2025	Manipal University Jaipur Jaipur	Published	202511012126	28/02/2025	09/2025	20968			IoT and Intelligent System
Patent	A Novel System for Dynamic Recharge & Data Collection in Wireless Sensor Network using Modified Mobile Data Collection and Mobile Charging (MDCMC) Method	03/01/2025	Manipal University Jaipur Jaipur	Applied	202511000589						Information and Technology
Patent	Effect of high Bi content on band structure, dielectric function, and energy loss of GaSb1-xBix supercell structure for near-infrared optoelectronics	19/03/2025	Manipal University Jaipur Jaipur	Published	202511024593	04/04/2025	14/2025	33181			Electronics and Communication Engineering
Patent	AQUATIC CLEANER 360 MACHINE WITH AI	19/03/2025	Manipal University Jaipur Jaipur	Published	202511024370A	04/04/2025	14/2025	91			Artificial Intelligence and Machine Learning
Patent	Advocate Droit: Virtual Judge	19/03/2025	Manipal University Jaipur Jaipur	Published	202511024369A	04/04/2025	14/2025	90			Artificial Intelligence and Machine Learning
Patent	PROGNOS: AI-Powered Symptom Checker Chatbot for Enhanced Rural Healthcare	11/03/2025	Manipal University Jaipur Jaipur	Published	202511021587A	21/03/2025	12/2025	109			Artificial Intelligence and Machine Learning
Patent	FRAUD DETECTION AND SECURITY USING DEEP LEARNING, DOCUMENT VERIFICATION, AND SECURE DATA HANDLING	20/03/2025	Manipal University Jaipur Jaipur	Published	202511025604	04/04/2025	14/2025	33236			Computer Science Engineering
Patent	Inclusion of IKIGAI in Design Process to Reduce Stress and Enhance the Mental Wellness of the Design Students	17/03/2025	Manipal University Jaipur Jaipur	Published	202511025713	04/04/2025	NA	1			Fashion Design
Patent	"A Smart Garment To Protect Woman From Physical Abuse"	20/03/2025	Manipal University Jaipur Jaipur	Published	202511025628	04/04/2025	14/2025	21			Fine Arts
Patent	Automatic Safety Trapdoor System For Elevator Shafts	20/03/2025	Manipal University Jaipur Jaipur	Published	202511025664	04/04/2025	14/2025	33163			Computer Communication Engineering
Patent	An Innovative Two-Way Cryptographic Method for Mobile Payment Security and Authentication	24/03/2025	Manipal University Jaipur Jaipur	Published	202511026736	04/04/2025	14/2025	33339			CDOE - Computer Application
Patent	An innovative app for solo travellers to connect and travel together	24/03/2025	Manipal University Jaipur Jaipur	Applied	202511026942A						Business Administration
Patent	Multimodal chatbot using Manipal University Jaipur dataset	17/03/2025	Manipal University Jaipur Jaipur	Published	202511026750	04/04/2025	14/2025	33340			Computer Science Engineering
Patent	Adaptive Neural Network Architecture for Vehicles using Edge Computing	20/03/2025	Manipal University Jaipur Jaipur	Published	202511025630	04/04/2025	14/2025	24			Computer Communication Engineering

Patent	RUBBER-BASED MEASURING TAPE WITH BRAILLE FOR BLIND INDIVIDUALS	24/02/2025	Manipal University Jaipur Jaipur	Published	202511015754	14/03/2025	11/2025	25591			Fashion Design
Patent	WEBSIMPLI: AN INTELLIGENT BROWSER PLUGIN FOR SIMPLIFYING WEBSITE NAVIGATION	27/02/2025	Manipal University Jaipur Jaipur	Published	202511017285	14/03/2025	11/2025	25794			Fashion Design
Patent	A method for predicting crop yield using machine learning techniques	21/02/2025	Manipal University Jaipur Jaipur	Published	202511014871	14/03/2025	11/2025	25560			Information and Technology
Patent	A Model of Adaptive Workplace Psychology for Enhancing Organizational Sustainability	17/02/2025	Manipal University Jaipur Jaipur	Published	202511015750	14/03/2025	11/2025	25652			Psychology
Patent	MODELING PUBLIC-PRIVATE COLLABORATION FOR THE REJUVENATION OF TRAINING SYSTEMS IN TEXTILE SMES	24/02/2025	Manipal University/ Dr. Alpa Sethi Jaipur, Manipal University/ Dr. Aditya Dhiman Jaipur	Published	202511015789A	14/03/2025	11/2025	18			Business Administration
Patent	MACHINE LEARNING-BASED MODEL FOR WORLD CUP MATCH PREDICTIONS	18/02/2025	Manipal University Jaipur Jaipur	Published	202511013639	28/02/2025	09/2025	21020			Information and Technology
Patent	A MULTI-SENSOR SYSTEM FOR HAZARD DETECTION ON WATER-CLOGGED ROADS	18/02/2025	Manipal University Jaipur Jaipur	Published	202511013638	28/02/2025	09/2025	21003			Information and Technology
Patent	WORKPLACE INFORMAL LEARNING MODEL FOR SKILL ENHANCEMENT	24/02/2025	Manipal University Jaipur Jaipur	Published	202511015748A	14/03/2025	11/2025	25622			CDOE - Commerce
Patent	A "Butterfly Model of AI-Driven Cognitive-Behavioral Wellbeing" (BMCBW): Assessing and Enhancing Life Satisfaction through Tolerance and Cognitive Flexibility Analysis	25/02/2025	Manipal University Jaipur Jaipur	Published	202511016287A	14/03/2025	11/2025	22			CDOE - Commerce
Patent	Intelligent Detection of Parkinson's Disease Using AI and Machine Learning	17/02/2025	Manipal University Jaipur Jaipur,none none	Published	202511016167	14/03/2025	202511016167	25593			Computer Science Engineering
Patent	A CABLE-DRIVEN AUTONOMOUS WINDOW CLEANING ROBOTIC SYSTEM WITH PASSIVE ADHESION	18/12/2024	Manipal University Jaipur Jaipur	Grant	2020241073789	05/02/2025	1	1	05/02/2025	202024107378	Mechatronics Engineering
Patent	Ultraviolet enabled cutting board device	03/02/2025	Manipal University Jaipur Jaipur	Published	202511008624	21/02/2025	08/2025	18434			Hotel Management
Patent	NIRMALJALVIDYUT: INTELLIGENT VOICE-ACTIVATED WATER PURIFICATION SYSTEM	08/01/2025	Manipal University Jaipur Jaipur	Published	202511001676	24/01/2025	04/2025	9084			Computer Science Engineering
Patent	BHAVADRISHTI: REAL-TIME EMOTION DETECTION	08/01/2025	Manipal University Jaipur Jaipur	Published	20251100167	24/01/2025	04/2025	9083			Computer Science Engineering
Patent	IOT-BASED SYSTEM FOR DETECTING AND PROTECTING STREET CHILDREN FROM CHILD TRAFFICKING	06/01/2025	Manipal University Jaipur Jaipur	Published	202511001057A	22/11/2024	47/2024	108772			Computer Applications
Patent	A METHOD FOR ENHANCED ADSORPTION OF TEXTILE DYE EFFLUENTS IN WASTEWATER USING ULTRASOUND	10/01/2025	Manipal University Jaipur Jaipur	Applied	202511002338						Biotechnology & Chemical Engineering
Patent	FACE RECOGNITION USING HYBRID IMAGE ENHANCEMENT, AND CONVOLUTIONAL NEURAL NETWORK WITH COSINE SIMILARITY	18/12/2024	Manipal University Jaipur Jaipur	Published	202411100257A	03/01/2025	1/2025	7			IoT and IS
Patent	Generative AI SaaS: Image Fusion	16/12/2024	Manipal University Jaipur Jaipur	Published	202411099415	03/01/2025	1/2025	473			Information and Technology
Patent	Internet of Medical Things and Hyperledger Fabric-based Sustainable Healthcare Development Framework for Smart Cities	23/12/2024	Manipal University Jaipur Jaipur	Published	202511001731	24/01/2025	04/2025	9088			IoT and IS
Patent	HINGLISH HATEBERT: HATE SPEECH CLASSIFICATION IN HINGLISH LANGUAGE	26/12/2024	Manipal University Jaipur Jaipur	Published	202411103036	10/01/2025	02/2025	3183			Information and Technology
Patent	FA-NET: FUSED ATTENTION-BASED NETWORK FOR HINDI ENGLISH CODE-MIXED OFFENSIVE TEXT CLASSIFICATION	31/12/2024	Manipal University Jaipur Jaipur	Published	202411104757	10/01/2025	02/2025	3318			Information and Technology
Patent	CODE MIXED HYBRID EMBEDDING BASED ATTENTION NETWORK FOR AGGRESSION IDENTIFICATION IN HINDI ENGLISH CODE-MIXED TEXT	31/12/2024	Manipal University Jaipur Jaipur	Published	202411104758	10/01/2025	02	3319			Information and Technology
Patent	Understanding Consumer Green Finance and UN Sustainable Development Goals (SDGs): A New Path Towards Sustainability	18/12/2024	Manipal University Jaipur Jaipur	Published	202411100255	03/01/2025	1/2025	520			Commerce
Patent	A NOVEL TECHNIQUE FOR LOCATION INDEPENDENT OBJECT BASED IMAGE RETRIEVAL	28/11/2024	Manipal University Jaipur Jaipur	Published	202411093046	03/01/2025	1/2025	80			Computer and communication Eng
Patent	SMART ENERGY METER & DASHBOARD SYSTEM FOR ENHANCED ENERGY UTILIZATION AND MONITORING	14/12/2024	Manipal University Jaipur Jaipur	Published	202411099171	03/01/2025	1/2025	342			Mechatronics Engineering
Patent	A SMART CLASSROOM SYSTEM WITH PHONE LOCK, AUTOMATED ATTENDANCE, AND REAL-TIME LEARNING ANALYTICS	27/11/2024	Manipal University Jaipur Jaipur, Manipal University Jaipur Jaipur, Manipal University Jaipur Jaipur	Published	202411092995A	03/01/2025	1/2025	66			Computer and communication Eng
Patent	ONLINE CODING ASSESSMENT PLATFORM (OCAP)	27/11/2024	Manipal University Jaipur Jaipur	Published	202411092518	03/01/2025	1/2025	58			Computer Science Engineering

Patent	QUANTUM CELLULAR AUTOMATA-BASED CRYPTOGRAPHIC SYSTEM FOR THE NISQ ERA	16/12/2024	Manipal University Jaipur Jaipur	Published	202411099418	03/01/2025	1/2025	494			Computer Science Engineering
Patent	Deep Residual U-Net for Colonoscopy Polyp Segmentation Using Bottleneck Attention Module	16/12/2024	Manipal University Jaipur Jaipur	Published	202411099456	03/01/2025	1/2025	3			Information and Technology
Patent	A method for detecting Polyps in Colonoscopy Images using a Bi-Directional Conv-LSTM U-Net and Densely Connected Convolution	16/12/2024	Manipal University Jaipur Jaipur	Published	02411099457	03/01/2025	1/2025	3			Information and Technology
Patent	A NOVEL CONTROL FRAMEWORK (NCF) TO IMPROVE REAL-TIME STABILITY IN SOLAR-INTEGRATED POWER GRIDS	17/12/2024	Manipal University Jaipur Jaipur	Published	202411099829	03/01/2025	1/2025	412			Electrical Engineering
Patent	BALANCED PAIRING CHECKSUM	31/12/2024	Manipal University Jaipur Jaipur	Published	202411104767	10/01/2025	02/2025	3329			Computer and communication Eng
Patent	DESIGNING OF PLC BASED PID CONTROLLER FOR HOT WATER FLOW CONTROL SYSTEM BY INTEGRATING TEMPERATURE AND FLOW PROCESS TRAINER KITS	23/12/2024	Manipal University Jaipur Jaipur	Published	202411101825	10/01/2025	02/2025	3181			Electrical Engineering
Patent	A Smart Internet of Things-Based System to Ensure the Security of Women	28/11/2024	Manipal University Jaipur Jaipur	Published	202411093055	03/01/2025	1/2025	9			IoT and IS
Patent	A system to provide checklist for Investing in Indian Financial Sector for Bankruptcy Risk Mitigation and Economic Growth	31/12/2024	Manipal University Jaipur Jaipur	Published	202411104755	10/01/2025	02/2025	3317			Directorate of Online Educatio
Patent	System and Method for Real-Time Gesture-Controlled LED Operation Using Machine Learning and Computer Vision Techniques	31/12/2024	Manipal University Jaipur Jaipur	Published	202511008629	21/02/2025	08/2025	113			Artificial Intelligence and Ma
Patent	Sweat-Based Biometric Authentication System	25/12/2024	Manipal University Jaipur Jaipur	Published	202411102965	03/01/2025	1/2025	693			Mechatronics Engineering
Patent	AI-Powered Typing Speed Tester with Dynamic Sentence Generation and Performance Analysis	31/12/2024	Manipal University Jaipur Jaipur	Published	202511008641	21/02/2025	08/2025	26			Artificial Intelligence and Ma
Patent	INTELLIGENT TEMPERATURE-ADAPTIVE CLOTHING USING THERMAL SENSORS AND SMART FABRICS	25/12/2024	Manipal University Jaipur Jaipur	Published	202411103032	03/01/2025	1/2025	763			Mechatronics Engineering
Patent	SMART CAR WASH AUTOMATION SYSTEM	31/12/2024	Manipal University Jaipur Jaipur	Published	202411105233	10/01/2025	02/2025	26			Artificial Intelligence and Ma
Patent	HAND GESTURE-CONTROLLED DRONE SYSTEM	31/12/2024	Manipal University Jaipur Jaipur	Published	202411105180	10/01/2025	02/2025	19			Artificial Intelligence and Ma
Patent	Fluorescent laptop key board guard	31/12/2024	Manipal University Jaipur Jaipur	Published	202411105168	10/01/2025	02/2025	3462			Mechanical Engineering
Patent	DUAL-BLADE MANUAL SCISSORS FOR PRECISION COLLAR CUTTING	18/12/2024	Manipal University Jaipur Jaipur	Published	202411100209	03/01/2025	1/2025	464			Fashion Designing
Patent	Methods for estimating Virtual Water Scarcity Index in Food Production in Arid and Semi-arid Region	28/11/2024	Manipal University Jaipur Jaipur	Published	202411093000	03/01/2025	202411093000	1			Economics
Patent	Safety and Compliance Management System	24/12/2024	Manipal University Jaipur Jaipur	Published	202411102379	03/01/2025	1/2025	644			Computer Applications
Patent	Bin Smart: An AI and IoT Integrated Intelligent Waste Management Solution	27/12/2024	Manipal University Jaipur Jaipur	Published	202411105123	10/01/2025	02/2025	24			Artificial Intelligence and Ma
Patent	SYSTEM AND METHOD FOR DETECTING, IDENTIFYING AND CLASSIFYING MEDIA BIAS IN INDIAN POLITICAL NEWS	11/12/2024	Manipal University Jaipur Jaipur	Published	202411098035	03/01/2025	1/2025	280			Journalism & Mass Communicatio
Patent	SMART UMBRELLA WITH WIND DETECTION AND SMARTPHONE INTEGRATION	16/12/2024	Manipal University Jaipur Jaipur	Published	202411099733	03/01/2025	1/2025	21			Mechanical Engineering
Patent	WALL MOUNTED ROOMCOOLER WITH BOTTOM AIR BLOWER	30/11/2024	Manipal University Jaipur Jaipur	Published	202411094161	03/01/2025	1/2025	132			Mechanical Engineering
Patent	Sustainable Concrete Composition with Copper Tailings as a Partial Replacement for Natural Sand	11/12/2024	Manipal University Jaipur Jaipur	Published	202411098108	03/01/2025	1/2025	213			Civil Engineering
Patent	An integrated solar PV and water heater system for improving energy efficiency	11/12/2024	Manipal University Jaipur Jaipur	Published	202411097771	03/01/2025	01/2025	208			Mechanical Engineering
Patent	Portable Decentralized Low-Pressure Multipurpose Grain Saver System	06/10/2024	Manipal University Jaipur Jaipur	Grant	202407577	30/04/2025	4	335	30/04/2025	2024/07577	Mechatronics Engineering
Patent	Low-Cost Receiver Heat Exchanger With Enhanced Heat Transfer For Solar Thermal Concentrators	30/12/2024	Manipal University Jaipur Jaipur	Published	202411094158	03/01/2025	01/2025	131			Mechanical Engineering
Patent	SMART CAMERA-INTEGRATED FUZZY ENHANCED IMAGE FUSION SYSTEM USING PIXEL INTENSITY CONTROL	29/08/2024	Manipal University Jaipur Jaipur	Published	202411065251	13/09/2025	37/2024	81816			IoT and IS
Patent	SELF-ADJUSTABLE PEN FOR SELF-ADJUSTABLE PEN FOR INDIVIDUAL HAND GRIP	20/08/2024	Manipal University Jaipur Jaipur	Published	202411062665	30/01/2025	352024	76783			IoT and IS
Patent	WASTE CLASSIFICATION MODEL FOR HOTEL INDUSTRY	27/05/2024	Manipal University Jaipur Jaipur	Grant	202404111	29/01/2025	202411036598	NA	29/01/2025	202411036598	Hotel Management

Patent	Synthesis of poly [(3,4-ethylenedioxy) thiophene]; polystyrene sulfonate (PEDOT:PSS) for energy storage device application	23/08/2023	Manipal University Jaipur Jaipur	Grant	202311056388	06/10/2023	40/2023	66158	10/09/2025	570524	Electrical Engineering
Patent	A Prediction Approach For Nanoindentation Load Deformation in a Thin Film Deposited on Thick Substrate	22/08/2023	Manipal University Jaipur Jaipur	Grant	202311056369A	22/09/2023	38	627	09/02/2026	580966	Mechanical Engineering
Patent	Hydrophobic coating and patterning the inner surface of a micro/nano pipette	11/07/2022	Manipal University Jaipur Jaipur	Grant	202211039592	22/07/2022	29/2022	45551	10/07/2026	594971	Mechatronics Engineering
Patent	CUSTOMIZED BIOINSPIRED SYNTHETIC BONE GRAFTAND ITS FABRICATION USING DIGITAL LIGHT PROCESSING TECHNIQUE FOR MASSIVE BONE LOSS REHABILITATION	07/02/2021	Manipal University Jaipur Jaipur	Grant	202111005196	11/02/2022	06/2022	9208	21/04/2026	587324	Mechanical Engineering
Patent	Self-Cleaning Solar PV Sliding System	29/10/2021	Manipal University Jaipur Jaipur	Grant	202111049560	12/11/2021	46/2021	53530	17/08/2026	IN599449 B1	Electrical Engineering
Patent	SURFACE MODIFICATION OF NOVEL CELLULOSIC FABRICS BY DIELECTRIC BARRIER DISCHARGE PLASMA TECHNIQUE	28/08/2019	Manipal University Jaipur Jaipur	Grant	201811034142	03/07/2020	27/2020	29	03/12/2025	201811034142	Chemistry
Design	A CLOUD-BASED AI AUDITORIUM SEATING INFORMATION SYSTEM (INDIAN DESIGN)	27/11/2025	Manipal University Jaipur Jaipur	Registered/Published	481847001	30/01/2026	05/2026			481847-001	CDOE - Management
Design	A Cloud-based AI Auditorium Seating Information System	21/11/2025	Manipal University Jaipur Jaipur	Registered/Published	6487212	10/12/2025	000			6487212	CDOE - Management
Design	A GROUP BIOMETRICS AUTHENTICATION DEVICE (INDIAN DESIGN)	15/10/2025	Manipal University Jaipur Jaipur	Registered/Published	477092001	06/02/2026	06/2006			477092-001	CDOE - Management
Design	A GROUP BIOMETRICS AUTHENTICATION DEVICE	15/10/2025	Manipal University Jaipur Jaipur	Registered/Published	6479792	23/10/2025	0000			6479792	CDOE - Management
Design	SMART AUTOMOBILE EXHAUST PIPE	15/10/2025	Manipal University Jaipur Jaipur	Registered/Published	476975001	09/01/2026	02/2026			476975-001	CDOE - Management
Design	SMART AUTOMOBILE EXHAUST PIPE	14/10/2025	Manipal University Jaipur Jaipur	Registered/Published	6479526	21/10/2025	000			6479526	CDOE - Management
Design	Oil Filter (Screwdriver-Removable Type)	14/10/2025	Manipal University Jaipur Jaipur	Registered/Published	6479524	21/10/2025	00000			6479524	CDOE - Management
Design	OIL FILTER (SCREWDRIVER-REMOVABLE TYPE)	14/10/2025	Manipal University Jaipur Jaipur	Registered/Published	476889001	02/01/2026	01/2026			476889-001	CDOE - Management
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