

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	GeneWave: Continuous Genetic Monitoring for Precision Farming	29/12/2023	Manipal University Jaipur Jaipur	Applied	202311089631						Information and Technology
Patent	Emotion-Reflecting Garment for Understanding and Addressing Emotional Needs of Children in Challenging Environments	08/12/2023	Manipal University Jaipur Jaipur	Applied	202311083769						Fashion Designing Fashion Designing Fashion Designing
Patent	VersaWear: Sustainable Multi-Purpose Garment Crafted from Upcycled Materials for High-End Fashion	08/12/2023	Manipal University Jaipur Jaipur	Applied	202311083768						Fashion Designing Fashion Designing Fashion Designing
Patent	INFLUENCE OF SPIRITUALITY(S) AND EMOTIONAL INTELLIGENCE (EI) ON EMPLOYEE EXPERIENCE (EX)	13/10/2023	Manipal University Jaipur Jaipur	Published	202311068948	24/11/2023	47/2023	78077			TSB Commerce
Patent	Underwater Image Color Enhancement using Swift Algorithm and Hue Preserving based Mechanism	29/12/2023	Manipal University Jaipur Jaipur	Applied	202311089617						Computer and communication Eng
Patent	An Intelligent Adaptive Noise Removal System for Clear Voice Communication	29/12/2023	Manipal University Jaipur Jaipur	Applied	202311089619						Computer and communication Eng
Patent	A NOVEL METHOD FOR DRUG DELIVERY TO TREAT NEUROINFLAMMATION: DEXAMETHASONE-LOADED PLGA NANOPARTICLES	22/09/2023	Manipal University Jaipur Jaipur	Applied	202311063649						Biosciences Biosciences Biosciences
Patent	Device for conversion of biomass waste into value added products	15/02/2021	MUJ Jaipur	Grant	202121006226	05/11/2021	45/2021	52162	14/12/2023	482519	Chemical Engineering
Patent	UNRAVELLING THE SECRETS BEHIND VIRAL VIDEOS: UNDERSTANDING CONTENT APPEAL FACTORS	23/08/2023	Manipal University Jaipur Jaipur	Published	202311056458	22/09/2023	38/2023	62743			Business Administration TSB Business Administration TSB
Patent	Indian Classical Music Classification Model	31/10/2023	Manipal University Jaipur Jaipur	Published	202311073993	24/11/2023	47/2023	78502			Data Science and Engineering Information and Technology Information and Technology Computer and communication Eng
Patent	INTEGRATION OF ETHEREUM SMART CONTRACTS WITH IIOT DIGITAL TWINS INFRASTRUCTURE FOR MONITORING AND ANALYZING LPG CYLINDER	13/10/2023	Manipal University Jaipur Jaipur	Published	202311069004	24/11/2023	47/2023	78082			Computer and communication Eng Computer and communication Eng
Patent	Non-Gaussian Traffic Modeling for Multicore Architecture Using Wavelet Based Rosenblatt Process	18/10/2023	Manipal University Jaipur Jaipur	Published	202311070797	24/11/2023	47/2023	78170			Computer and communication Eng Computer and communication Eng
Patent	ELECTRICALLY HEATED TEA COZY	13/06/2022	Manipal University Jaipur Jaipur	Grant	202206513	28/09/2022	55/09	424-425	28/09/2022	2022/06513	Hotel Management Hotel Management

			Jaipur Jaipur								Mechatronics Engineering
Patent	ELECTRICALLY HEATED CLOUSH DEVICE	17/08/2023	Manipal University Jaipur Jaipur	Published	202311055146	15/09/2023	37/2023	60826			Hotel Management
											Hotel Management
Patent	ELECTRICALLY HEATED CLOUSH	18/08/2023	Manipal University Jaipur Jaipur	Grant	2020231059589	09/02/2024			09/02/2024	G12471DE	Hotel Management
											Hotel Management
Patent	HYBRID DEEP SENTIMENT MODEL FOR SOCIAL MEDIA CONTENT IDENTIFICATION	05/10/2023	Manipal University Jaipur Jaipur	Published	202311066533	20/10/2023	42/2023	72229			Computer and communication Eng
											Computer Science Engineering
Patent	SOCIAL MEDIA PROBLEM DETECTION FUSION MODEL (SMPD FUSION MODEL)	05/10/2023	Manipal University Jaipur Jaipur	Published	202311066738	20/10/2023	42/2023	72199			Computer and communication Eng
											Computer Science Engineering
Patent	REDSHIFT IN STRAINED TYPE-II AlInAs/AIAsSb HETEROSTRUCTURE	26/11/2019	MUJ Jaipur	Grant	201911048281	28/05/2021	22/2021	24939	08/09/2023	450254	Electronics&Communication Engi
											Electronics&Communication Engi
Patent	CORNER SQUARE TRUNCATED RECTANGULAR SLOTTED MICROSTRIP PATCH ANTENNA FOR DETECTING TUMOR	07/01/2023	Manipal University Jaipur Jaipur	Published	202311001515	13/01/2023	02/2023	2815			Electronics&Communication Engi
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Patent	A NOVEL PATTERN AGILE MICROSTRIP ANTENNA FOR MODERN WIRELESS COMMUNICATION SYSTEMS	29/09/2023	Manipal University Jaipur Jaipur	Published	202311065416	20/10/2023	42/2023	72047			Electronics&Communication Engi
											Electronics&Communication Engi
Patent	MICROSTRIP PATCH ANTENNA TO DETECT TUMOR	14/09/2023	Manipal University Jaipur Jaipur	Published	202311061795	20/10/2023	42/2023	72043			Electronics&Communication Engi
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Patent	Performance and Computational Analysis of Queueing Systems	03/08/2021	Manipal University Jaipur Jaipur	Grant	2021104893	19/08/2021	35/33	6663	11/05/2022	2021104893	Mathematics & Statistics
											Mathematics & Statistics
											Automobile Engineering
											Automobile Engineering
Patent	Reliability Analysis in Multicomponent Machining System	23/08/2023	Manipal University Jaipur Jaipur	Published	202311056412	22/09/2023	38/2023	62696			Mathematics & Statistics
Patent	CLAY REINFORCED MORINGA OLEIFERA WATER PURIFIER ASSEMBLY FOR PURIFYING WATER AND METHOD FOR SAME	05/03/2019	Manipal University Jaipur Jaipur	Published	201911008422	11/09/2020	37/2020	213			Mechanical Engineering
											Civil Engineering
											Mechanical Engineering
Patent	Method of Preparation of Macroporous Monoliths with Tunable Hydrophobicity by Adsorption of Candle Soot Particles	14/03/2022	Manipal University Jaipur Jaipur	Published	202211013808	08/04/2022	14/2022	21502			Chemical Engineering
											Chemical Engineering
Patent	A METHOD OF PREPRATION OF JANUS TYPE SILICAMICROSPHERES FOR PROLONGED RELEASE OF CARRIER MOLECULES	25/10/2022	Manipal University Jaipur Jaipur	Published	202211060708	04/11/2022	44/2022	69958			Chemical Engineering
											Chemical Engineering
Patent	AUTONOMOUS FARMING SYSTEM	01/09/2023	Manipal University Jaipur Jaipur	Published	202311058725	06/10/2023	40/2023	21			Information and Technology
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											Information and Technology
											Computer Science Engineering
Patent	A DEVICE AND METHOD FOR MONITORING CAR HEAT AND AIR QUALITY	25/10/2023	Manipal University Jaipur Jaipur	Published	202311072514	24/11/2023	47/2023	9			Information and Technology

Patent	WEARABLE DEVICE AND METHOD FOR SWIPE/TAP COUNT FOR MOBILE PHONE APPLICATIONS	20/10/2023	Manipal University Jaipur Jaipur	Published	202311071919	24/11/2023	47/2023	78258			Data Science and Engineering
Patent	A device and Method for Preventing Accidents by Measuring Vehicle Distance from Wing Mirrors	30/10/2023	Manipal University Jaipur Jaipur	Published	202311073691	24/11/2023	47/2023	78488			Data Science and Engineering Computer Science Engineering
Patent	A SMART VEHICLE FOR DRIVER RISK ASSESSMENT	23/08/2021	Manipal University Jaipur Jaipur	Grant	2021106669	11/11/2021	35/45		10/11/2021	2021106669	Computer&Communication on Engine Computer Science & Engineering Computer&Communication on Engine Computer&Communication on Engine Computer Science & Engineering
Patent	A HIGHLY REGULARIZED Q-LEARNING REINFORCEMENT MODEL TO PREVENT DATA FORGERY	01/06/2022	Manipal University Jaipur Jaipur	Grant	202206039	29/06/2022	55/09	384	28/09/2022	2022/06039	Computer and communication Engineering
Patent	A DISEASED PERSON IDENTIFICATION AND TRACKING SYSTEM BASED ON BLOCK CHAIN AND IOT	07/08/2021	Manipal University Jaipur Jaipur	Grant	2021105091	20/04/2022	Vol. 36, No. 18	2506	20/04/2022	2021105091	Computer Science and Engineering Computer Science and Engineering Computer Science and Engineering Computer Science and Engineering Computer Science and Engineering
Patent	A New Low Keystream Attack on the A5/1	23/08/2021	Manipal University Jaipur Jaipur	Grant	2021106660	11/11/2021	35/45		17/11/2021	2021106660	Information Technology Computer&Communication on Engine Computer&Communication on Engine Information Technology Information Technology
Patent	A SYSTEM FOR DETECTING KEY OF THE MONOALPHABETIC CRYPTOSYSTEM USING A GENETIC ALGORITHM	30/07/2023	Manipal University Jaipur Jaipur	Published	202311051223	01/09/2023	35/2023	55934			Information and Technology Information and Technology
Patent	A SYSTEM FOR DETECTING KEY OF THE MONOALPHABETIC CRYPTOSYSTEM USING A GENETIC ALGORITHM	16/10/2023	Manipal University Jaipur Jaipur	Grant	2023101614371700DE	20/01/2024	1	1	20/01/2024	202023105960	Information and Technology
Patent	Stochastic Model for Availability Evaluation of Embedded life Critical Systems Subject to Environmental Failure	06/07/2021	Manipal University Jaipur Jaipur	Grant	2021103911	11/08/2021	35/32	6432	11/08/2021	2021103911	Mathematics& Statistics Mathematics& Statistics Computer&Communication on Engine
Patent	EMOTION CLASSIFICATION IN HINGLISH SOCIAL MEDIA TEXT USING SUPERVISED MACHINE LEARNING ALGORITHM	19/07/2021	Manipal University Jaipur Jaipur	Grant	2021104773	19/08/2021	Vol: 35 No: 33	6663	06/04/2022	2021104773	Computer Science and Engineering Computer Science and Engineering Computer Science and Engineering Computer Science and Engineering Computer Science and Engineering

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Patent	A method for estimation of population mean using two auxiliary attributes under simple random sampling	25/07/2023	Manipal University Jaipur Jaipur	Published	202311050144	25/08/2023	34/2023	54980			Mathematics & Statistics
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Patent	A novel efficient and intelligent irrigation system for Smart Irrigation	25/07/2023	Manipal University Jaipur Jaipur	Published	202311050145	25/08/2023	34/2023	54980			Mathematics & Statistics
											Mathematics & Statistics
											Computer and communication Eng
											Mathematics & Statistics
Patent	A novel process for Reliability and Maintainability optimisation of load haul dump machines using genetic algorithms	25/07/2023	Manipal University Jaipur Jaipur	Published	202311050146	25/08/2023	34/2023	54982			Mathematics & Statistics
											Computer and communication Eng
											Mathematics & Statistics
											Computer & Communication Eng
Patent	The fuzzy reliability measures of a semi-Markovian model under the concept of partial failure	25/07/2023	Manipal University Jaipur Jaipur	Published	202311050147	25/08/2023	34/2023	54891			Mathematics & Statistics
											Mathematics & Statistics
											Mathematics & Statistics
Patent	A novel stochastic model for availability optimization of the embedded life critical systems	25/07/2023	Manipal University Jaipur Jaipur	Published	202311050148	25/08/2023	34/2023	54892			Mathematics & Statistics
											Mathematics & Statistics
											Mathematics & Statistics
Patent	A novel process for optimization of power generating units in sewage treatment plants	25/07/2023	Manipal University Jaipur Jaipur	Published	202311050149	25/08/2023	34/2023	54897			Mathematics & Statistics
											Mathematics & Statistics
											Computer and communication Eng
											Computer and communication Eng
Patent	A novel method to investigate the key reliability measures of cloud infrastructure	29/08/2023	Manipal University Jaipur Jaipur	Published	202311057932	29/09/2023	39/2023	64556			Mathematics & Statistics
											Mathematics & Statistics
											Computer and communication Eng
											Mathematics & Statistics
Patent	A system and method for assessing the optimum availability of the cloud infrastructure	29/08/2023	Manipal University Jaipur Jaipur	Published	202311057941	27/10/2023	43/2023	74286			Mathematics & Statistics
											Mathematics & Statistics
											Computer and communication Eng
											Mathematics & Statistics

Patent	SENSOR ENABLED RETRACTABLE SAFETY CUSHION DEPLOYING BED AND A METHOD THEREOF	07/09/2022	Manipal University Jaipur Jaipur	Published	202211050517	09/09/2022	36	56337			Information and Technology
Patent	Micropayment Enabled Portable Advertising Device	06/03/2023	Manipal University Jaipur Jaipur	Published	202311014761	17/03/2023	11/2023	26182			Information and Technology Information and Technology
Patent	A BLOCKCHAIN BASED DEVICE AND METHOD TO ENABLE E-HEALTH SYSTEM FOR COMBATING DRUG ABUSE IN INDIA	25/10/2023	Manipal University Jaipur Jaipur	Published	202311072511	24/11/2023	47	78332			Information and Technology
Patent	BLOCKCHAIN-ASSISTED SCALABLE AND ROBUST TRUST MANAGEMENT MODEL FOR IOT	25/10/2023	Manipal University Jaipur Jaipur	Published	202311072542	24/11/2023	47	78370			Information and Technology
Patent	ARTIFICIAL SAND AND A PROCESS OF MANUFACTURING THE SAME FROM WASTE MARBLE POWDER	20/08/2020	MUJ Jaipur	Grant	202011035875	18/09/2020	38/2020	40943	07/11/2023	466416	Civil Engineering Civil Engineering
Patent	ARTIFICIAL SAND AND A PROCESS OF MANUFACTURING THE SAME FROM WASTE MARBLE POWDER	19/08/2021	Manipal University Jaipur Jaipur	Grant	2021106057	04/11/2021	35/44	8522	11/11/2021	2021106057	Civil Engineering
Patent	Software Reliability Growth Model with Testing Effort using Soft-computing	22/08/2023	Manipal University Jaipur Jaipur	Published	202311056166	22/09/2023	38/2023	62677			Mathematics& Statistics
Patent	GSM AND RFID BASED SCHOOL CHILDREN MONITORING AND SECURITY SYSTEM (GRSCMSS)	27/11/2023	Manipal University Jaipur Jaipur	Published	202311080336	29/12/2023	52/2023	94260			Computer Applications
Patent	INTEROPERABILITY REQUIREMENTS BASED INTELLIGENT SYSTEM AND METHOD FOR VIRTUALIZED SERVICE ON A CLOUD INFRASTRUCTURE	19/11/2021	Manipal University Jaipur Jaipur	Applied	PTIE2021000000417						Information Technology Information Technology Information Technology Computer Science & Engineering Electrical Engineering
Patent	A SYSTEM TO ACHIEVE THE TARGET VALUE IN LESSER NUMBER OF CYCLES WHILE ADJUSTING WEIGHTS OF BACK PROPAGATION IN NEURAL NETWORK APPLICATION	20/10/2023	Manipal University Jaipur Jaipur	Published	202311071643	24/12/2023	47/2023	78227			Information and Technology
Patent	AN INTEROPERABILITY REQUIREMENTS BASED INTELLIGENT SYSTEM AND METHOD FOR VIRTUALIZED SERVICE ON A CLOUD INFRASTRUCTURE	22/12/2023	Manipal University Jaipur Jaipur	Grant	2023122209294200DE	11/03/2024			11/03/2024	202023107629	Information and Technology
Patent	A Novel Prediction Approach For Nanoindentation Load Deformation in a Thin Film Deposited on Thick Substrate	22/08/2023	Manipal University Jaipur Jaipur	Published	202311056369A	22/09/2023	38	627			Mechanical Engineering Mechanical Engineering Mechanical Engineering Computer and communication Eng Electronics&Communication Engi
Patent	SMART WATER IRRIGATION SYSTEM FOR HOME KITCHEN GARDEN TO CONTROL OVER/UNDER WATERING	27/10/2023	Manipal University Jaipur Jaipur	Applied	202311073185						Electronics&Communication Engi Electronics&Communication Engi
Patent	FAULT AWARE RESOURCE ALLOCATION OF CLOUD RESOURCES FIELD	13/02/2021	MUJ Jaipur	Grant	2021100884	22/04/2021	Vol: 35 , No: 16	3543	22/04/2021	2021100884	Computer&Communication Engi Information Technology Computer&Communication Engi

Patent	Plant Identification System using Convolutional Neural Network	12/02/2021	MUJ Jaipur	Grant	2021100864	22/04/2021		3540	22/04/2021	2021100864	Computer&Communication Engineer Information Technology
Patent	" A novel vision-based method for detection, classification, and measurement of surface anomaly for Life Critical Industrial Applications"	25/10/2023	Manipal University Jaipur Jaipur	Published	202311061807	20/10/2023	42/2023	72044			Computer and communication Eng Civil Engineering Mechanical Engineering Electronics&Communication Engi
Patent	A Three Input Two Output Design (TITO) device for full adder circuit	16/08/2023	Manipal University Jaipur Jaipur	Published	202311055622	20/10/2023					Computer and communication Eng
Patent	A NOVEL COMPREHENSIVE APPROACH TO DETECT POWER SYSTEM EVENTS IN REAL TIME	18/08/2023	Manipal University Jaipur Jaipur	Published	202311055373	15/09/2023	37/2023	60840			Electrical Engineering Mechatronics Engineering
Patent	Real-Time Power System Transient Stability Assessment Using a New Data-Driven Technique	16/10/2023	Manipal University Jaipur Jaipur	Published	202311070060	24/11/2023	47/2023	78089			Electrical Engineering Mechatronics Engineering
Patent	A NOVEL PROCESS FOR PRODUCTION OF BIO-ETHANOL AND POWER MANAGEMENT SOLUTION USING MICROBIAL FUEL CELLS	29/09/2023	Manipal University Jaipur Jaipur	Published	202311057737	29/09/2023	39/2023	64497			Electrical Engineering Biosciences
Patent	ANALYTICAL SOLUTION OF (2 + 1) -DIMENSIONAL PHYSICAL MODELS	13/10/2023	Manipal University Jaipur Jaipur	Published	202311068978	24/11/2023	47/2023	78078			Mathematics& Statistics Mathematics& Statistics
Patent	Solution of time-fractional weakly nonlocal Schrodinger equation by to Shehu transform decomposition method	17/08/2023	Manipal University Jaipur Jaipur	Published	202311055069	15/09/2023	41/2023	69879			Mathematics& Statistics Mathematics& Statistics
Patent	A new $\beta$ -Laplace Integral Transform	18/09/2023	Manipal University Jaipur Jaipur	Published	202311062554	13/10/2023	41/2023	69879			Mathematics& Statistics Mathematics& Statistics
Patent	Intelligent Spatial Efficiency: The Resource Allocation System	13/10/2023	Manipal University Jaipur Jaipur	Published	202311069085	24/11/2023	47/2023	78164			Mathematics& Statistics Business Administration Computer Science Engineering Business Administration Business Administration
Patent	CONCRETE COMPOSITION WITH SAW DUST AND HUMAN HAIR AND METHOD OF MANUFACTURING THEREOF	05/09/2022	Manipal University Jaipur Jaipur	Published	202211050127	09/09/2022	36/2022	56319			Civil Engineering
Patent	REAL TIME MONITORING OF CLASSWORK: "TELESRIPTSCORRECTION"	08/05/2021	Manipal University Jaipur Jaipur	Grant	P2021102412	23/06/2021			23/06/2021	2021102412	Computer&Communication Engineer Computer&Communication Engineer Computer&Communication Engineer
Patent	INTELLIGENT FOG DEVICE FOR SAVING LIFE ON RAILWAY TRACK	16/05/2022	Manipal University Jaipur Jaipur	Published	202211027934	20/05/2022	20/2022	13			Computer and communication Engineering Computer and communication Engineering Computer Science and Engineering

Patent	AN IOT BASED FOOD QUANTITY AND INGREDIENT PREDICTING SYSTEM	31/05/2022	Manipal University Jaipur Jaipur	Grant	202206040	09/09/2022	385	385	28/09/2022	202206040	Computer and communication Eng
											Computer and communication Eng
Patent	A SYSTEM AND METHOD FOR PROVIDING MACHINE LEARNING BASED NAVIGATION	24/07/2023	Manipal University Jaipur Jaipur	Published	202311049704	11/08/2023	32/2023	52906			Computer and communication Eng
											Computer and communication Eng
Patent	A novel method to detect COVID-19 using chest Radiographs	24/08/2023	Manipal University Jaipur Jaipur	Published	202311056686	22/09/2023	38/2023	62723			Computer and communication Eng
											Computer Science Engineering
											Computer and communication Eng
Patent	A novel method to predict the Absorption Maxima of Dyes	01/09/2023	Manipal University Jaipur Jaipur	Published	202311058726	08/12/2023	49/2023	85891			Computer and communication Eng
											Department of Biotechnology an
											Computer and communication Eng
											Chemistry
											Computer&Communication Engin
Patent	hybrid directional Extrema pattern to retrieves the texture and natural images	22/09/2023	Manipal University Jaipur Jaipur	Published	202311063619	13/10/2023	41/2023	69994			Computer and communication Eng
											Computer and communication Eng
Patent	FEED FORWARD CONTENT BASED IMAGE RETRIEVAL USING ADAPTIVE TETROLET TRANSFORMS	11/09/2023	Manipal University Jaipur Jaipur	Applied	202311076505						Computer and communication Eng
											Computer and communication Eng
Patent	A Novel Technique for Content Based Image Retrieval based on Region-Weight Assignment	27/10/2023	Manipal University Jaipur Jaipur	Published	202311073263	24/11/2023	47/2023	78410			Computer and communication Eng
											Computer and communication Eng
Patent	A DEVICE AND METHOD TO PREDICT THE AQI FOR MINERAL MINES	25/10/2023	Manipal University Jaipur Jaipur	Published	202311072497	24/11/2023	47/2023	78319			Computer Science Engineering
Patent	A novel approach for singular value problems using Bell polynomials and differential transform	08/09/2023	Manipal University Jaipur Jaipur	Published	202311060364	06/10/2023	40/2023	66338			Mathematics& Statistics
											Mathematics& Statistics
Patent	An efficient and reliable attendance management system based on image processing	25/08/2023	Manipal University Jaipur Jaipur	Published	202311056948	29/09/2023	39/2023	64345			Mathematics& Statistics
											Information and Technology
Patent	EARLY ALCOHOL INFLUENCE DETECTION AND ACCIDENT PREVENTION SYSTEM	21/11/2023	Manipal University Jaipur Jaipur	Published	202311079958	29/12/2023	52/2023	94226			Computer and communication Eng
											Computer&Communication Engin
Patent	ELDERCARE DEVICE: ENHANCING QUALITY OF LIFE	21/11/2023	Manipal University Jaipur Jaipur	Published	202311078874	29/12/2023	52/2023	94136			Computer and communication Eng
											Computer&Communication Engin
											Computer&Communication Engin
Patent	Flip -It Stool: Transform to Handy Bag	11/09/2023	Manipal University Jaipur Jaipur	Published	202311060806	13/10/2023	41/2023	69706			Interior Designing
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											Interior Designing
Patent	CONSUMER CENTRIC MODEL OF CORPORATE SOCIAL RESPONSIBILITY	05/12/2022	Manipal University Jaipur Jaipur	Published	202311082982A	12/01/2024	02/2024	2701			Commerce
	A novel process to estimate wave height utilizing micro-										Electronics&Communication Engi

Patent	electromechanical systems (MEMS), the internet of things (IoT), and machine learning (ML)	23/08/2023	Manipal University Jaipur Jaipur	Published	202311056427	22/09/2023	38/2023	62741			Electronics&Communication Engi
											Electronics&Communication Engi
Patent	A Dynamic Gesture Detection System for Indian Sign Language (ISL) Utilizing Skeletal and Depth Images Using Depth Sensor	20/10/2023	Manipal University Jaipur Jaipur	Published	202311071847	24/11/2023	47	78287			Artificial Intelligence and Ma
											Information and Technology
Patent	A novel system for the Recognition and Interpretation of Indian sign language utilizing a depth Sensor	20/10/2023	Manipal University Jaipur Jaipur	Published	202311071649	24/11/2023	47	78228			Artificial Intelligence and Ma
											Information and Technology
Patent	Real time Classify Color Fundus Images of Eye Diseases for telemedicine applications using deep leaning by mobile device	01/12/2023	Manipal University Jaipur Jaipur	Applied	202311081636						Artificial Intelligence and Ma
											Information and Technology
											Computer Science Engineering
Patent	A data mining method to analyze of soil behavior and prediction of crop Yield using Soil sensor	31/10/2023	Manipal University Jaipur Jaipur	Published	202311074156	24/11/2023	47	78453			Artificial Intelligence and Ma
											Artificial Intelligence and Ma
Patent	CROSS-DIFFUSION AND CHEMICAL REACTION EFFECTS OF A MHD NANOFUID FLOW INSIDE A DIVERGENT/CONVERGENT CHANNEL WITH HEAT SOURCE/SINK	21/08/2023	Manipal University Jaipur Jaipur	Published	202311055751	15/09/2023	37/2023	60922			Mathematics& Statistics
											Mathematics& Statistics
											Mathematics& Statistics
Patent	AutoLitAnalyzer: Automated Tool for Analysis of Literature in English Studies	17/10/2023	Manipal University Jaipur Jaipur	Published	202311070802	24/11/2023	47/2023	78171			Department of Languages,, Lite
Patent	MOP MECHANISM IN AUTONOMOUS MOBILE ROBOT FOR MULTIPURPOSE FLOOR CLEANING	24/07/2023	Manipal University Jaipur Jaipur	Published	202311049899	25/08/2023	34/2023	54902			Mechatronics Engineering
											Mechatronics Engineering
											Mechanical Engineering
Patent	MULTI-TERRAIN SELF-CONFIGURABLE AUTONOMOUS MOBILE ROBOT FOR MULTIPURPOSE CLEANING	18/10/2023	Manipal University Jaipur Jaipur	Published	202311071603	24/11/2023	47/2023	78268			Mechatronics Engineering
											Mechatronics Engineering
Patent	Moveable and flexible Tray System	29/11/2023	Manipal University Jaipur Jaipur,Dr. Kusum Kanwar	Published	202311081129	29/12/2023					Fine Arts
											Interior Designing
Patent	A novel congestion control method for Internet ofThings (IoT) Network	03/10/2023	Manipal University Jaipur Jaipur	Published	202311066060	20/10/2023	42/2023	72184			Computer and communication Eng
											Computer and communication Eng
Patent	Minimization of Receiver Buffer Blocking in Multipath Communication	18/10/2023	Manipal University Jaipur Jaipur	Published	202311070796	24/11/2023	47/2023	78166			Computer and communication Eng
											Computer and communication Eng
Patent	A method for optimization of fast-retransmission path selection in CMT-SCTP	30/12/2023	Manipal University Jaipur Jaipur	Applied	202311090094						Computer and communication Eng
Patent	SURFACE MODIFICATION OF NOVEL CELLULOSIC FABRICS BY DIELECTRIC BARRIER DISCHARGE PLASMA TECHNIQUE	28/08/2019	Manipal University Jaipur Jaipur	Published	201811034142	03/07/2020	27/2020	29			Chemistry
											Chemistry
											Chemistry
Patent	HOMOGENEOUS BAROTROPIC STRING COSMOLOGY MODEL OF BIANCHI TYPE VI0 IN GENERAL RELATIVITY	25/08/2023	Manipal University Jaipur Jaipur	Published	202311056970	29/09/2023	39/2023	64346			Mathematics& Statistics
											Mathematics& Statistics
Patent	INFLATIONARY COSMOLOGICAL MODEL OF BIANCHI	27/11/2023	Manipal University	Published	202311080333	20/12/2023	52/2023	04250			Mathematics& Statistics



	TYPE II WITH STRESS-ENERGY-MOMENTUM	4/11/2023	Jaipur Jaipur	Published	20231100000	29/12/2023	02/2023	07200			Mathematics& Statistics
Patent	INHOMOGENEOUS STRING COSMOLOGICAL MODEL OF BIANCHI TYPE – I IN GENERAL RELATIVITY	27/11/2023	Manipal University Jaipur Jaipur	Published	202311080332	29/12/2023	52/2023	94346			Mathematics& Statistics
											Mathematics& Statistics
Patent	ONTOAIDEDRE TO IMPROVE CONVENTIONAL REQUIREMENTS ENGINEERING PROCESS	30/09/2023	Manipal University Jaipur Jaipur	Published	202311065909	20/10/2023	42/2023	72144			Computer Applications
											Computer Applications
Patent	HYBRID T SPRINKLER IRRIGATION EQUIPMENT AND METHOD BASED ON INTERNET OF THINGS (IOT)	06/11/2023	Manipal University Jaipur Jaipur	Published	202311075611	01/12/2023	48/2023	83510			Computer Applications
											Computer Applications
											Computer Applications
Patent	CONTINUOUS AUTHENTICATION ON THE SMARTPHONE USING TYPING AND TOUCH PATTERN	06/11/2023	Manipal University Jaipur Jaipur	Published	202311075568	01/12/2023	48/2023	83485			Computer Applications
											Computer Applications
Patent	WORK-LIFE INTEGRATION SYSTEM FOR ENHANCED CORPORATE CREATIVITY AND COMPETITIVE STRENGTH	30/09/2023	Manipal University Jaipur Jaipur	Published	202311065936	20/10/2023	42/2023	72154			Computer Applications
											Computer Applications
Patent	NANOFERTILIZERS AND NUTRIENT UPTAKE ENHANCEMENT IN CROP PLANTS: A PROMISING AGRICULTURAL METHOD	10/10/2023	Manipal University Jaipur Jaipur	Applied	202311067711						Biosciences
Patent	GREEN SYNTHESIZED SILVER NANOPARTICLES PROMOTE GROWTH AND BIOMASS ACCUMULATION IN NYCTANTHESARBOR-TRISTIS L. PLANTLETS	29/08/2023	Manipal University Jaipur Jaipur	Applied	202311057736						Biosciences
											Biosciences
											Biosciences
											Biosciences
Patent	EFFECTIVE ANTIMICROBIAL AND DYE DEGRADATION WITH NYCTANTHES ARBOR TRISTIS L. FRUIT-SYNTHESIZED BIOGENIC AGNPS	29/08/2023	Manipal University Jaipur Jaipur	Applied	202311057735						Biosciences
											Biosciences
											Biosciences
Patent	Satisfaction Spectrum: A Holistic Framework for Employee Well-being	10/10/2023	Manipal University Jaipur Jaipur	Published	202311067693	22/12/2023	51/2023	91256			Business Administration
											Business Administration
											Business Administration
Patent	Multifunction Foldable Drawing Bench	02/08/2022	Manipal University Jaipur Jaipur	Published	202211044297	19/08/2022	33/2022	51693			Architecture
											Fine Arts
Patent	IOT ENABLE SMART TABLE FOR ARCHITECTS AND DESIGNERS	17/08/2023	Manipal University Jaipur Jaipur	Published	202311055218	15/09/2023	37/2023	60839			Architecture
											Fine Arts
											Computer and communication Eng
											Architecture
Patent	NEW BAHARAT GREEN BUILDING RATING SYSTEM	17/08/2023	Manipal University Jaipur Jaipur	Published	202311055221	15/09/2023	37/2023	60867			Architecture
											Architecture
Patent	APPLICATION AND EFFECTIVENESS OF RESPONSIVE ADAPTIVE SKINS IN COMMERCIAL BUILDINGS IN INDIA	17/08/2023	Manipal University Jaipur Jaipur	Published	202311055219	15/09/2023	37/2023	60865			Architecture
											Architecture
Patent	MAPPING OF CONSUMER SOCIAL RESPONSIBILITY COMPONENTS AND CONSUMERS' NEEDS: A NEW PATH TOWARDS SUSTAINABILITY	10/10/2023	Manipal University Jaipur Jaipur	Published	202311067695A	22/12/2023	51/2023				Commerce
Patent	AN ECONOMICAL, AUTOMATED, NON-INVASIVE DEVICE FOR SPINAL CURVATURE MEASUREMENT	28/01/2019	Manipal University Jaipur Jaipur	Grant	201911003426	05/04/2019	14/2019	39	27/12/2023	489789	Mechatronics Engineering
											Mechatronics Engineering
											Mechatronics Engineering

Patent	AUTONOMOUS PROTECTIVE ENCLOSURE FOR UNMANNED AERIAL VEHICLES AND SENSORS	18/08/2023	Manipal University Jaipur Jaipur	Published	202311055479	24/11/2023	47/2023	77987				Mechatronics Engineering
												Mechatronics Engineering
Patent	Electro-Hydraulics System For Industrial Intermittent Loading Applications	16/09/2023	Manipal University Jaipur Jaipur	Published	202311062437	15/12/2023	50/2023	88264				Mechatronics Engineering
												Mechatronics Engineering
												Computer and communication Eng
Patent	DIGITAL TRANSITION BLUEPRINT: A GUIDE TO GOING ONLINE FOR LOCAL BUSINESSES	12/10/2023	Manipal University Jaipur Jaipur	Published	202311068581A	03/11/2023	44/2023	75670				Business Administration
												Business Administration
												Commerce
Patent	IoT ENABLED RETRACTABLE URINAL SYSTEM AND A METHOD THEREOF	17/08/2021	Manipal University Jaipur Jaipur	Grant	2021105713	28/10/2021	35/43	32	03/11/2021	2021105713		Computer&Communication Engineering
												Computer&Communication Engineering
												Mechatronics Engineering
Patent	IOT ENABLED AUTOMATIC WASHROOM CLEANING	21/06/2021	Manipal University Jaipur Jaipur	Published	202111027625	24/02/2023	08/2023	13113				Computer&Communication Engineering
												Computer&Communication Engineering
												Computer&Communication Engineering
Patent	Portable Coconut Oil Melting Device	18/05/2022	Manipal University Jaipur Jaipur	Published	202211028701	27/05/2022	21/2022	32032				Computer and communication Engineering
Patent	An Intelligent Compost Generator And Packer	13/05/2023	Manipal University Jaipur Jaipur	Published	202311033775	16/06/2023	24/2023	36				Computer and communication Eng
Patent	Task Scheduling and Load Balancing in Cloud Computing using Firefly Algorithm	24/07/2021	Manipal University Jaipur Jaipur	Published	2021104528	19/09/2021	35/33	6663				Business Administration
												Computer&Communication Engineering
												Computer&Communication Engineering
Patent	FAULT AWARE HYBRID NATURE INSPIRED ALGORITHM USING ANN	24/07/2021	Manipal University Jaipur Jaipur	Published	2021104527	19/09/2021	35/33	6663				Business Administration
												Computer&Communication Engineering
												Computer&Communication Engineering
Patent	AN INTEGRATED SETTLER-BASED BIOFILM REACTOR FOR ONSITE TREATMENT OF DOMESTIC WASTEWATER	21/11/2023	Manipal University Jaipur Jaipur	Published	202311078887	29/12/2023	52/2023	94206				Civil Engineering
												Civil Engineering
Patent	ONSITE TREATMENT OF DOMESTIC WASTEWATER BY COMBINED INTEGRATED SETTLER-BASED BIOFILM REACTOR	23/11/2023	Manipal University Jaipur Jaipur	Published	202311079625	29/12/2023	52/2023	94256				Civil Engineering
												Civil Engineering
Patent	The multi-graph stochastic travelling salesman problem using generalized two-optimal algorithm	21/09/2023	Manipal University Jaipur Jaipur	Published	202311063313	13/10/2023	41/2023	69941				Mathematics& Statistics
												Mathematics& Statistics
Patent	Stochastic Modelling of Smart Irrigation Systems	14/07/2021	Manipal University Jaipur Jaipur	Grant	2021104151	25/08/2021	35/36	7231	25/08/2021	2021104151		Mathematics& Statistics
												Mathematics& Statistics
												Computer&Communication Engineering



Patent	MONITORING CENTRIC DRIVER FATIGUE DISCERNMENT BASED ON COMPUTER VISION	24/06/2022	Manipal University Jaipur Jaipur	Published	202211036401	08/07/2022	27/2022	42851			Information and Technology
Patent	ASL – SIGN TO SPEECH	18/09/2023	Manipal University Jaipur Jaipur	Published	202311062537	13/10/2023	41/2023	69836			Information and Technology Information and Technology
Patent	Energy Efficiency Enhancement by Thermal Analysis in the System of Horizontal Permeable Base Drain	28/07/2021	Manipal University Jaipur Jaipur	Grant	2021104640	19/08/2021	35/33		27/04/2022	2021104640	Mathematics& Statistics
Patent	MATHEMATICAL MODELLING AND THERMAL ANALYSIS OF AN OSCILLATORY,CHEMICAL REACTIVE, MAGNETIZED,RADIATIVE COUETTE FLOW PAST A POROUS CHANNEL	11/09/2023	Manipal University Jaipur Jaipur	Published	202311060808	13/10/2023	41/2023	69712			Mathematics& Statistics
Patent	Sentiment Analysis In Social Media Hinglish Text Mining Using Deep Learning Algorithms	19/07/2021	Manipal University Jaipur Jaipur	Grant	2021104774	21/04/2022	Vol:36 No:16	2357	06/04/2022	2021104774	Computer Applications Computer Science and Engineering Computer Science and Engineering Computer Science and Engineering Computer Science and Engineering Computer Science and Engineering
Patent	IMPLEMENTATION OF ACCELEROMETER FOR ACCIDENT DETECTION AND ALERT SYSTEM	30/11/2023	Manipal University Jaipur Jaipur	Applied	202311084215						Computer Applications
Patent	Advanced ATM Security using Keystroke Dynamics and Touch Dynamics	04/12/2023	Manipal University Jaipur Jaipur	Applied	202311084215						Computer Applications
Patent	A method for advance ATM security using Keystroke Dynamics and Touch Dynamics	11/12/2023	Manipal University Jaipur Jaipur	Published	202311084215	12/01/2024	02/2024	2831			Computer Applications
Patent	Implementation of Accelerometer for Accident Detection and Alert System	30/11/2023	Manipal University Jaipur Jaipur	Published	202311081198	29/12/2023	52/2023	94424			Computer Applications
Patent	Centralized Mini Pool Based Distributed Hybrid Novel Approach for Channel Assignment in Cellular Network	31/07/2021	Manipal University Jaipur Jaipur	Grant	2021104772	19/08/2021	35/33	6663	04/05/2022	2021104772	Computer Science and Engineering Computer Science and Engineering Computer Science and Engineering Computer Science and Engineering Computer Science and Engineering Computer Science and Engineering
Patent	Alarm Buzzer for Baby Fall Protector Bed	06/08/2021	Manipal University Jaipur Jaipur	Grant	2021105073	05/05/2022	36/18	2506	20/04/2022	2021105073	Computer Science and Engineering Computer Science and Engineering Computer Science and Engineering Computer Science and Engineering
Patent	Adaptive PID Controller for Cardiac Pacemaker using Metaheuristic Technique	27/11/2023	Manipal University Jaipur Jaipur	Published	202311080349	29/12/2023	52/2023	94263			Information and Technology Information and Technology

Patent	AN INSULIN DELIVERY SYSTEM FOR TYPE-1 DIABETIC PATIENTS	27/11/2023	Manipal University Jaipur Jaipur	Published	202311080348	29/12/2023	52/2023	94262				Information and Technology
												Information and Technology
Patent	A NOVEL SYSTEM FOR CONTINUOUS STIRRED TANK REACTOR USING METAHEURISTIC	28/11/2023	Manipal University Jaipur Jaipur	Published	202311080515	29/12/2023	52/2023	94280				Information and Technology
Patent	ShopEasy: A personalized recommendation engine using artificial intelligence	29/11/2023	Manipal University Jaipur Jaipur	Published	202311081637	05/01/2024	01/2024	86				Computer Science Engineering
												Computer Applications
												Computer Applications
Patent	An Optimized Method for Text Summarization in Healthcare Analytics using Swarm Intelligence	08/12/2023	Manipal University Jaipur Jaipur	Applied	202311083794							Information and Technology
												Computer Applications
Patent	A PUNJABI AUTOMATIC SPEECH RECOGNITION DEVICE	16/11/2023	Manipal University Jaipur Jaipur	Published	202311077903	22/12/2023	51/2023	91288				Artificial Intelligence and Ma
												Data Science and Engineering
Patent	POWER EFFICIENT ANT LION ALGORITHM BASED RESOURCE OPTIMIZATION FOR CLOUD INFRASTRUCTURE	24/06/2022	Manipal University Jaipur Jaipur	Published	202207018	28/09/2022	2022/07018					Computer and communication Eng
												Computer and communication Eng
Patent	Robotic University Management System	14/09/2023	Manipal University Jaipur Jaipur	Applied	202311061775							Business Administration
Patent	Robotic Transportation Management System	14/09/2023	Manipal University Jaipur Jaipur	Applied	202311061773							Business Administration
Patent	Robotic Hospital Management System	29/08/2023	Manipal University Jaipur Jaipur	Applied	202311057830							Business Administration
Patent	An intelligent system for automating robot-assisted processes in companies [Ein intelligentes System zur Automatisierung robotergestützter Prozesse in Unternehmen]	16/08/2023	Manipal University Jaipur Jaipur	Applied	202023106037							Business Administration
Patent	Myco-bacterial fuel cell for the treatment of effluent	23/08/2019	MUJ Jaipur	Published	201911033965	16/04/2021	04/2021	NA				Biosciences
												Biosciences
Patent	AN CLOUD COMPUTING ENABLED 5G WIRE LESS SENSOR NETWORK COMPRISES IOT SENSORS FOR SMART CITY IMPLEMENTS	04/08/2021	Manipal University Jaipur Jaipur	Grant	2021106065	25/11/2021	35 (47)	1-7	25/11/2021	2021106065		Mathematics& Statistics
												Mathematics& Statistics
												Mathematics& Statistics
												Automobile Engineering
Patent	Decision-making in machine learning using novel picture fuzzy divergence measure	20/08/2023	Manipal University Jaipur Jaipur	Published	202311055722	15/09/2023	37/2023	60912				Mathematics& Statistics
Patent	FINGER REHABILITATION EXOSKELETON DEVICE	04/04/2022	Manipal University Jaipur Jaipur	Published	202211020125	08/04/2022	14/2022	21614				Mechanical Engineering
Patent	METHOD FOR REPORTING SHORT-TERM LEASES IN THE FINANCIAL STATEMENTS OF INDIAN COMPANIES	30/09/2023	Manipal University Jaipur Jaipur	Published	202311065933	20/10/2023	42/2023	72146				Commerce
												Business Administration
												Commerce
Patent	MULTI-SENSORY AUGMENTED REALITY SYSTEM FOR ENHANCED USER EXPERIENCE IN VIRTUAL ENVIRONMENTS	30/12/2023	Manipal University Jaipur Jaipur	Applied	202311090055							Data Science and Engineering
Patent	Underwater image enhancement using anisotropic diffusion and multiscale fusion strategy	30/12/2023	Manipal University Jaipur Jaipur	Applied	202311090054							Data Science and Engineering
Patent	SMART PHEROMONE TRAP DEVICE AND AN INTELLIGENT FRAMEWORK FOR EARLY DETECTION OF FALL ARMY WORM	14/05/2022	Manipal University Jaipur Jaipur	Grant	202206565	02/09/2022	55/06	429	28/09/2022	2022/06565		Computer Science Engineering
												Computer Science Engineering

Patent	ENHANCING HEALTHCARE SECURITY AND UNCOVERING ILLEGAL SUBSTANCE DEALERS FROM SOCIETY THROUGH BLOCKCHAIN TECHNOLOGY	16/10/2023	Manipal University Jaipur Jaipur	Published	202311070005	24/11/2023	47/2023	78169			Computer and communication Eng
											Computer Science Engineering
											Artificial Intelligence and Ma
Patent	Machine Learning Based Approaches for Threat Detection in IoT and Cloud Computing Environments	16/10/2023	Manipal University Jaipur Jaipur	Published	202311069896	24/11/2023	47/2023	78158			Computer and communication Eng
											Computer and communication Eng
											Computer Science Engineering
											Computer and communication Eng
Patent	Numerical Study of Cattaneo–Christov Heat Flux on Water-Based Carreau Fluid Flow over an Inclined Shrinking Sheet with Ternary Nanoparticles	23/08/2023	Manipal University Jaipur Jaipur	Published	202311056406	22/09/2023	38/2023	62695			Mathematics& Statistics
											Mathematics& Statistics
											Mathematics& Statistics
Patent	JOULE HEATING EFFECT ON RADIATING MHD MIXED CONVECTION STAGNATION POINT FLOW ALONG VERTICAL STRETCHING SHEET EMBEDDED IN A PERMEABLE MEDIUM AND HEAT	25/08/2023	Manipal University Jaipur Jaipur	Published	202311056977	29/09/2023	39/2023	64353			Mathematics& Statistics
											Mathematics& Statistics
Patent	Comparative Study of Au-?Fe?_2 O_3 and Au-Co?Fe?_3 O_4 Hybrid Ferro Fluid over a Permeable Plate with Convective Boundaries	12/10/2023	Manipal University Jaipur Jaipur	Published	202311068536	03/11/2023	44/2023	75660			Mathematics& Statistics
											Mathematics& Statistics
											Information and Technology
Patent	Heat Transfer Analysis of Casson Hybrid Nanofluid (Cu-Al2O3/H2O) Flow over an Inclined Moving Plate with Radiation and Joule Heating	31/10/2023	Manipal University Jaipur Jaipur	Published	202311073979	22/12/2023	51/2023	91286			Mathematics& Statistics
											Mathematics& Statistics
											Information and Technology
											Computer and communication Eng
Patent	weaving system for weaving two different fabrics simultaneously in handloom	26/03/2021	Manipal University Jaipur Jaipur,School of planning and design Jaipur,Department of fashion design Jaipur,Dr. Sampath Kumar Padmanabha Jinka Jaipur	Published	202111013509	25/11/2022	47/2022	74710			Fashion Designing
Patent	A System and a Method for Cloth Design Analysis	13/05/2023	Manipal University Jaipur, DOR Jaipur,Dr. Sampath Kumar Padmanabha Jinka Jaipur	Published	202311033776A	16/06/2023	24/2023	42610			Fashion Designing
											Fashion Designing
Patent	Tea-Stroller for Physically challenged persons	04/09/2023	Manipal University Jaipur Jaipur,Dr. Sampath Kumar Padmanabha Jinka Jaipur	Published	202311059064	06/10/2023	40/2023	66347			Fashion Designing
											Mechanical Engineering
Patent	Process to evaluate and categorize apparel and costume designs	24/08/2023	Manipal University Jaipur Jaipur,Dr Sampath Kumar Padmanabha Jinka Jaipur	Published	202311056650	22/09/2023	38/2023	62699			Fashion Designing

Patent	Process to evaluate and categorize architectural designs	24/08/2023	Manipal University Jaipur Jaipur, Dr. Sampath Kumar Padmanabha Jinka Jaipur	Published	202311056745	22/09/2023	38/2023	62736			Fashion Designing
Patent	Process to evaluate and categorize paintings and art works	24/08/2023	Manipal University Jaipur Jaipur, Dr. Sampath Kumar Padmanabha Jinka Jaipur	Published	202311056651	22/09/2023	38/2023	62700			Fashion Designing
Patent	3D- Printed Micro-filter for Fluid Filtration using Geometric Stacking	03/06/2019	Manipal University Jaipur Jaipur	Published	20191102201	07/02/2020	06/2020	7271			Mechanical Engineering Mechanical Engineering Mechanical Engineering Mechanical Engineering
Patent	CONDUCTIVE HYDROGEL NANOCOMPOSITE AND PROCESS OF PREPARATION THEREOF	08/01/2020	Manipal University Jaipur Jaipur	Grant	202011000805	17/01/2020	03/2020	2986	25/02/2022	390454	Mechanical Engineering Mechanical Engineering Mechanical Engineering Mechanical Engineering Mechatronics Engineering Automobile Engineering
Patent	NANOCELLULOSE BASED BIOACTIVE INJECTABLE HYDROGEL FOR BONE TISSUE REGENERATION	14/02/2018	Manipal University Jaipur Jaipur	Grant	201811005521	30/08/2019	35/2019	39656	28/12/2023	491251	Mechanical Engineering Mechanical Engineering Mechanical Engineering
Patent	CASTOR OIL BASED FLAME RETARDANT NANOCOMPOSITE FOAM	14/02/2018	Manipal University Jaipur Jaipur	Grant	201811005503	30/08/2019	35/2019	39655	29/07/2021	373206	Mechanical Engineering Mechanical Engineering
Patent	CUSTOMIZED BIOINSPIREDSYNTHETIC BONE GRAFTAND ITS FABRICATION USING DIGITAL LIGHT PROCESSING TECHNIQUE FOR	07/02/2021	Manipal University Jaipur Jaipur	Published	202111005196	11/02/2022	06/2022	9208			Mechanical Engineering Mechanical Engineering Automobile Engineering
Patent	MAXene ENABLED HYBRID ALOE VERA HYDROGEL FOR EXPEDITED DIABETIC WOUND HEALING	30/11/2023	Manipal University Jaipur Jaipur	Published	202311081136	29/12/2023	52/2023	94399			Mechanical Engineering Mechanical Engineering Mechanical Engineering
Patent	Biopolymer Coated Degradable Bio-Nanocomposite Metallic Bone Scaffold	28/12/2023	Manipal University Jaipur Jaipur	Applied	202311089284						Mechanical Engineering Mechanical Engineering Mechanical Engineering Mechanical Engineering
Patent	SYSTEM AND METHOD FOR GENERATING AUDIO INFORMATION TO GUIDE A VISUALLY IMPAIRED USER	08/09/2022	Manipal University Jaipur Jaipur	Published	202211051423	16/09/2022	37/2022	58021			Computer Science Engineering Computer Science Engineering Computer&Communication Engnee Computer Science Engineering
Patent	A DEPRESSION DETECTION SYSTEM USING MACHINE LEARNING	12/09/2023	Manipal University Jaipur Jaipur	Published	202311061373	13/10/2023	41/2023	69749			Computer Science Engineering Computer Science Engineering
Patent	SYSTEM FOR REAL-TIME YOGA POSE DETECTION AND ASSESSMENT	12/09/2023	Manipal University Jaipur Jaipur	Published	202311061418	13/10/2023	41/2023	69750			Computer Science Engineering Computer Science Engineering





Patent	A SYSTEM FOR RISK-FREE AND ENERGY-EFFICIENT COOKING AND A METHOD THEREOF	24/04/2023	Manipal University Jaipur Jaipur	Published	202311029609	26/04/2023	21/2023	38937			Information and Technology
Patent	Energy Efficient System for Resource Management in Cloud Data Center and method thereof	22/09/2023	Manipal University Jaipur Jaipur	Published	202311063639	13/10/2023	41/2023	69999			Information and Technology
											Information and Technology
											Information and Technology
Patent	INTELLIGENT IOT TECHNIQUE FOR HEALTH MONITORING USING SMART BRACELET	22/06/2022	Manipal University Jaipur Jaipur	Grant	202206927	01/08/2022	8	627	31/08/2022	2022/06927	Computer Science Engineering
Patent	COMPUTER OPERATED METHOD FOR ONTOLOGY DRIVEN OBJECT- ORIENTED SYSTEM	19/12/2022	Manipal University Jaipur Jaipur	Published	202211073452	30/12/2022	52/2022	81974			Computer Applications
Patent	A METHOD TO SECURING INTERNET OF THINGS (IOT) BASED DEVICES USING MULTIFACTOR AUTHENTICATION	30/09/2023	Manipal University Jaipur Jaipur	Published	202311065907	20/10/2023	42/2023	72139			Computer Applications
Patent	CYBERGUARD: A NOVEL METHOD FOR DYNAMIC THREAT DETECTION AND MITIGATION IN IOT NETWORKS	30/09/2023	Manipal University Jaipur Jaipur	Published	202311065908	20/10/2023	42/2023	72140			Computer Applications
Patent	Dynamic Urban Traffic Optimization System Using IoT Sensor Networks	16/11/2023	Manipal University Jaipur Jaipur	Published	202311077864	05/01/2024	01/2024	65			Computer Applications
Patent	An Intelligent EV Charging Station Route Planner Incorporating Battery Constraints	22/09/2023	Manipal University Jaipur Jaipur	Published	202311063626	13/10/2023	41	69995			Computer Science Engineering
											Computer Science Engineering
											Computer Science Engineering
											Artificial Intelligence and Ma
											Computer and communication Eng
											Computer Science Engineering
Computer Science Engineering											
Patent	Driver Drowsiness Detection System Based on iOS Framework	20/09/2023	Manipal University Jaipur Jaipur	Published	202311063022	13/10/2023	41/2023	69963			Computer Science Engineering
											Computer Science Engineering
											Computer Science Engineering
											Computer Science Engineering
Patent	A Sustainable and Effective Agricultural System with Integrated Precision Farming	08/01/2024	Manipal University Jaipur Jaipur	Published	202411001383	02/02/2024	05	10269			Data Science and Engineering
Patent	Tangible Expressions of Intangible Dance Heritage: Kalbeliya Inspired Paving Tiles	06/09/2023	Manipal University Jaipur Jaipur	Published	202311059816	06/10/2023	40/2023	66248			Interior Designing
											Interior Designing
Patent	PREDICTION OF WOMEN'S ECONOMIC EMPOWERMENT GROWTH IN MSME THROUGH SVM-PSO HYBRID MODEL	07/11/2023	Manipal University Jaipur Jaipur	Published	202311076114	02/12/2023	48/2023	83613			Business Administration
											Commerce
											Electronics&Communication Engi
Patent	A NOVEL METHOD TO FIND THE SUITABLE CANDIDATE FOR ORGANIZATION	09/11/2023	Manipal University Jaipur Jaipur	Published	202311076511	08/12/2023	49/2023	85942			Business Administration
											Business Administration
Patent	SYSTEM AND METHOD FOR MITIGATING COLLISION RISK FOR A PEDESTRIAN WEARING HEADPHONES	08/10/2021	Manipal University Jaipur Jaipur	Published	202111045935	29/10/2021	44/2021	49905			Computer&Communication Enginee
											Computer&Communication Enginee

											Computer Science & Engineering
Patent	ANIMAL VEHICLE COLLISION AVOIDANCE SYSTEM	15/12/2022	Manipal University Jaipur Jaipur	Published	202211072405	30/12/2022					Computer and communication Eng
Patent	System And Method For Wildlife Conservation And Road Safety On Expressways	17/11/2023	Manipal University Jaipur Jaipur	Published	202311078078	29/12/2023	52/2023	94037			Computer and communication Eng
Patent	System And Method For Enhanced Overall Road Safety	17/12/2023	Manipal University Jaipur Jaipur	Published	202311078059	29/12/2023	52/2023	94027			Computer and communication Eng Computer&Communication Engineer
Patent	A METHOD TO BUILD AN INTERACTIVE CAR USER MANUAL [CAR BUDDY]	20/09/2023	Manipal University Jaipur Jaipur	Published	202311063026	13/10/2023	41/2023	69964			TSB
Patent	Eco Friendly Bricks: Wealth from Waste initiatives	23/08/2023	Manipal University Jaipur Jaipur	Published	202311056373	22/09/2023	38/2023	62771			Architecture Architecture Architecture
Patent	Earth-Sheltered Staggered Building Design for achieving Optimized Daylight, Visual, and Thermal Comfort	22/08/2023	Manipal University Jaipur Jaipur	Applied	202311056235						Architecture
Patent	Multi-storeyed Underground Earth Sheltered Buildings	23/08/2023	Manipal University Jaipur Jaipur	Published	202311056372	22/09/2023	38/2023	62753			Architecture
Patent	METHOD AND SYSTEM FOR IDENTIFYING GEOGRAPHICAL ORIGIN BASED ON ACCENT OF VOICE AUDIOS	20/07/2020	MUJ Jaipur	Published	20201103013	16/07/2021	29/2021	31524			Information Technology
Patent	IOT Based Smart Device For Diabetic Patients	21/05/2023	Manipal University Jaipur Jaipur	Published	202311035350	30/06/2023	26/2023	46302			Information and Technology Information and Technology Information and Technology
Patent	A System For Detecting Cyber-Security Attacks And A Method Thereof	08/08/2023	Manipal University Jaipur Jaipur	Published	202311053292	01/09/2023	35/2023	56072			Information and Technology
Patent	SMART WASTE COLLECTION AND MANAGEMENT DEVICE	21/03/2023	Manipal University Jaipur Jaipur	Published	202311019168	12/05/2023	19	35758			Information and Technology Information and Technology
Patent	System For Detecting and Identifying Person or Object Using X-Ray And Vision Camera	26/06/2023	Manipal University Jaipur Jaipur	Published	202311042734	21/07/2023	29	50166			Information and Technology Data Science and Engineering
Patent	Tree Root Detection method for Safe Environment	18/08/2023	Manipal University Jaipur Jaipur	Published	202311055468	15/09/2023	37	60873			Information and Technology Information and Technology
Patent	Criminal Hidden Weapons Detection and Tracking System for Home Security	13/10/2023	Manipal University Jaipur Jaipur	Published	202311069094	24/11/2023	47	78070			Information and Technology Data Science and Engineering Information and Technology
Patent	SMART AUTOMATIC IRONING SYSTEM	23/09/2020	MUJ Jaipur	Published	202011041142	07/05/2021	19/2021	22318			Computer&Communication Engineer Computer&Communication Engineer Information Technology Computer&Communication Engineering Computer Science & Engineering

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Patent	PEOPLE COUNTING DEVICE	06/09/2023	Manipal University Jaipur Jaipur	Applied	202311060355						Computer and communication Eng Computer&Communication Eng
Patent	A DEVICE FOR AUTOMATED DISTANCE-BASED FARE COLLECTION FOR PUBLIC TRANSIT	08/09/2023	Manipal University Jaipur Jaipur	Applied	202311060360						Computer and communication Eng Computer&Communication Eng
Patent	SMART BOOK HOLDER	29/12/2023	Manipal University Jaipur Jaipur	Applied	202311089804						Computer and communication Eng Computer&Communication Eng
Patent	SMART ATTENDANCE SYSTEM	08/09/2023	Manipal University Jaipur Jaipur	Published	202311060429	06/10/2023	40/2023	66352			Computer and communication Eng Computer&Communication Eng Computer&Communication Eng Computer&Communication Eng
Patent	PEOPLE COUNTING DEVICE	06/09/2023	Manipal University Jaipur Jaipur	Published	202311060355	06/10/2023	40/2023	66306			Computer and communication Eng Computer&Communication Eng Computer&Communication Eng
Patent	A DEVICE FOR AUTOMATED DISTANCE-BASED FARE COLLECTION FOR PUBLIC TRANSIT	08/09/2023	Manipal University Jaipur Jaipur	Applied	202311060360						Computer and communication Eng Computer&Communication Eng Computer&Communication Eng Computer&Communication Eng
Patent	Machine Learning Based Approaches for Fully Automatic Smart Greenhouse Using IoT Devices	19/10/2023	Manipal University Jaipur/ SUNIL KUMAR Jaipur	Published	202311071727	24/11/2023	47/2023	78247			Computer and communication Eng Computer and communication Eng
Patent	SMART FARMING SYSTEM	31/03/2020	Manipal University Jaipur Jaipur	Published	202011014160	08/10/2021	41	46581			Computer Science & Engineering Computer&Communication Eng
Patent	PRESERVING VILLAGES/ LOW-LYING AREAS OF TERRAINS FROM ANIMAL ATTACKS: ECONOMICAL SENSORS BASED SYSTEM	07/07/2021	Manipal University Jaipur Jaipur	Grant	2021104104	13/07/2021	35/32	6432	25/08/2021	2021104104	Computer Science & Engineering Computer&Communication Eng Mathematics & Statistics
Patent	A system for optimized placement of virtual machines in cloud	07/11/2023	Manipal University Jaipur Jaipur	Published	202311075884	12/01/2023	48	83570			Computer Science Engineering Computer Science Engineering Computer Science Engineering
Patent	A novel process for Enhancing Green Financing by Indian Banks for Achieving SDGs	16/11/2023	Manipal University Jaipur Jaipur	Published	202311077860	05/01/2024	01/2024	64			Commerce Commerce
Patent	TECHNIQUES FOR SMART MOBILITY IN WIRELESS	16/10/2023	Manipal University	Published	202311070067	24/11/2023	47/2023	78101			Electronics&Communication Eng

	SENSOR NETWORKS	19/10/2020	Jaipur Jaipur	Published	202011070007	27/11/2020	7/1/2020	10/10/20			Electronics&Communication Engi
Patent	BUSINESS IDEA GENERATION BLUEPRINT	09/11/2023	Manipal University Jaipur Jaipur	Published	202311076480	08/12/2023	49/2023	85923			Commerce
											Business Administration
											Business Administration
Patent	Voice operated Smart Plug using TinyML and the Internet of Things	29/12/2023	Manipal University Jaipur Jaipur	Applied	202311089639						Computer Applications
											Computer Applications
Patent	A Smart Jacket for Real-Time Fall Detection and Activity Recognition	29/12/2023	Manipal University Jaipur Jaipur	Applied	202311089634						Computer Applications
											Computer Applications
Patent	IOT BASED LAB COMPONENT ISSUE/SUBMIT RECORD KEEPING SYSTEM	02/11/2023	Manipal University Jaipur Jaipur	Applied	202311074634						Computer and communication Eng
											Computer&Communication Engin
											Computer&Communication Engin
Patent	A Cognitively-Tuned Executive Decision Support method for creating strategic success	08/12/2023	Manipal University Jaipur Jaipur	Applied	202311083792						Computer Applications
Patent	A Paradigm and Method for Adaptive Multimedia-Based Learning Enhancement and Cognitive Development	16/11/2023	Manipal University Jaipur Jaipur	Applied	202311077879						Computer Applications
Patent	METHOD FOR DEVELOPMENT OF PHYSICAL AND MENTAL HEALTH MONITORING SYSTEM	10/12/2021	Manipal University Jaipur Jaipur	Published	202111057435	17/12/2021	51/2021	62239			Computer&Communication Engin
											Computer Science & Engineering
											Chemistry
Patent	ANTICORROSIVE HYBRID COMPOSITE AND ITS METHOD OF PREPARATION THEREOF AND ITS COATINGS ON STEEL	14/11/2022	Manipal University Jaipur Jaipur	Published	202211065181	25/11/2022	47/2022	74062			Chemical Engineering
											Chemical Engineering
Patent	A NOVEL METHOD TO ENHANCE ANTICORROSIVE PROPERTIES ON MILD STEEL	22/08/2023	Manipal University Jaipur Jaipur	Published	202311056356A	22/09/2023	38/2023	62751			Chemistry
											Department of Biotechnology an
											Department of Biotechnology an
Patent	A SECURE SYSTEM AND METHOD FOR IMAGE STEGANOGRAPHY USING MACHINE LEARNING AND GENETIC ALGORITHM	19/05/2022	Manipal University Jaipur Jaipur	Grant	08189	22/07/2022	09	497-498	28/09/2022	2022/08189	Computer and communication Eng
											Computer&Communication Engin
Patent	A METHOD AND SYSTEM FOR PROVIDING ELECTRIC VEHICLE CHARGER AT CUSTOMERS LOCATION	18/02/2021	MUJ Jaipur	Applied	202111006857						Electrical Engineering
											Electrical Engineering
											Electrical Engineering
Patent	SPEECH SIGNAL FEATURE EXTRACTION AND FREQUENCY ANALYSIS FOR CLASSIFICATION	13/07/2021	Manipal University Jaipur Jaipur	Grant	20211104103	12/08/2021	35/32		25/08/2021	20211104103	Information Technology
											Computer Science & Engineering
											Information Technology
											Information Technology
Patent	Translation Model for Sign Language Dialects in India	23/06/2022	Manipal University Jaipur Jaipur	Grant	202206980	01/08/2022	08	633	31/08/2022	2022/06980	Information and Technology
											Computer Science & Engineering
											Computer Science & Engineering
											Computer Science & Engineering
											Computer Science & Engineering
Patent	METHOD FOR TRANSMITTING STREAM OF DATA	28/09/2021	Manipal University	Published	202111043908	15/10/2021	42/2021	47867			Information Technology

Patent	PACKETS SECURELY OVER THE NETWORK	20/09/2021	Jaipur Jaipur	Published	20211070000	15/10/2021	72/2021	71007			Computer Science & Engineering Computer&Communicati on Enginee Computer&Communicati on Enginee Computer Science & Engineering Information Technology
Patent	NOVEL IOT BASED SOLUTION FOR GARBAGE LEVEL DETECTION	15/06/2022	Manipal University Jaipur Jaipur	Grant	202206618	01/08/2022	8	589	31/08/2022	2022/06618	Information and Technology
Patent	Emotion Classification on Small Dataset using GAN-BERT and BERT	22/08/2023	Manipal University Jaipur Jaipur	Published	202311056151	22/09/2023	38/2023	62716			Information and Technology Computer Science Engineering Computer Science Engineering
Patent	APPROACH TO SER USING CNN ON SPECTROGRAM AND MFCC IMAGES	22/08/2023	Manipal University Jaipur Jaipur	Published	202311056150	22/09/2023	38/2023	62715			Information and Technology Computer Science Engineering Computer Science Engineering
Patent	BRAIN TUMOUR DETECTION USING DEEP LEARNING	22/08/2023	Manipal University Jaipur Jaipur	Published	202311056152	22/09/2023	38/2023	62738			Information and Technology Computer Science Engineering Computer Science Engineering
Patent	PATIENT'S CONDITION CATEGORIZATION USING DRUG REVIEWS	19/10/2023	Manipal University Jaipur Jaipur	Published	202311071193	24/11/2023	47/2023	78219			Information and Technology Computer Science Engineering Computer Science Engineering
Patent	SOLAR AIR HEATER COMPRISING V-SHAPED RIB ROUGHENED ABSORBER PLATE AND SUSPENDED CYLINDERS	14/11/2023	Manipal University Jaipur Jaipur	Published	202311077578	05/01/2024	01/2024	57			Mechanical Engineering
Patent	Single-Channel Multiple Source Separation using Audio Sentiment Analysis: ASA	25/09/2023	Manipal University Jaipur Jaipur	Published	202311064172	13/10/2023	41/2023	70052			Information and Technology Mathematics& Statistics Information and Technology
Patent	BE A BETTER WAY OF TRACKING FOOD, BOOK, CLOTHES, UNUSED ITEMS, TOYS PRODUCTS THAT HAVE BEEN DONATED AND DISPOSED OF ITEMS	25/08/2023	Manipal University Jaipur Jaipur	Published	202311056972	29/09/2023	39/2023	64352			Information and Technology Information and Technology Information and Technology
Patent	VOICE ENABLED PRESENTATION ASSISTANT (VEPA)	30/10/2023	Manipal University Jaipur Jaipur	Published	202311061193	13/10/2023	41/2023	70192			Information and Technology Information and Technology Information and Technology Information and Technology

												Mathematics & Statistics
Patent	Vibration Capturing System For Cold Rolling Mills	25/09/2023	Manipal University Jaipur Jaipur	Published	202311064111	13/10/2023	41/2023	70042				Mechanical Engineering
												Mechanical Engineering
												Mechanical Engineering
												Mechanical Engineering
Patent	Non-Motorized Mastoid Massage Tool	23/11/2023	Manipal University Jaipur Jaipur	Published	202311079480	29/12/2023	52/2023	94208				Mechanical Engineering
Patent	A SYSTEM FOR MULTIFUNCTIONAL EDUCATIONAL AND ACTIVITY IMITATING TOY	29/07/2023	Manipal University Jaipur Jaipur	Published	202311051179	01/09/2023						Information Technology
												Information and Technology
Patent	A Generic Self Triggered Triple Layered Model to Mitigate Spread of Infectious Disease	18/12/2021	Manipal University Jaipur Jaipur	Published	202111059132	31/12/2021	53/2021	64753				Information Technology
												Information Technology
												Information Technology
												Information Technology
												Computer Science & Engineering
												Computer & Communication Engineering
												Computer Science & Engineering
Patent	ANDROID BASED IOT ENABLED SMART MASK	27/05/2022	Manipal University Jaipur Jaipur	Grant	202205880	29/06/2022	55/06	32	28/09/2022	2022/05880		Data Science and Engineering
												Computer and communication Engineering
												Computer and communication Engineering
												Computer Science and Engineering
												Business Administration
Patent	MULTIUSER INTELLIGENT DESK SYSTEM WITH SOLAR ENERGY AND SMART SENSOR INTEGRATION	14/08/2023	Manipal University Jaipur Jaipur	Published	202311054669	08/09/2023						Data Science and Engineering
												Information and Technology
Patent	An intelligent multi-user table system with solar energy and integrated intelligent sensors	12/09/2023	Manipal University Jaipur Jaipur	Grant	2023091209141300DE	10/10/2023			10/10/2023	202023105249		Data Science and Engineering
												Information and Technology
Patent	A system for a multifunctional educational and activity imitating toy	12/09/2023	Manipal University Jaipur Jaipur	Grant	2023091209142400DE	12/10/2023			12/10/2023	202023105250		Data Science and Engineering
												Information and Technology
Patent	Massage shoes with multiple customized modes for foot wellness	12/10/2023	Manipal University Jaipur Jaipur	Published	202311068576	03/11/2023	44/2023	75666				Data Science and Engineering
Patent	Waste ceramic reinforced bicomposite tiles	12/02/2019	Manipal University Jaipur Jaipur	Grant	201911005558	21/02/2020			30/11/2023	475359		Civil Engineering
												Mechanical Engineering
												Mechanical Engineering
												Commerce
Patent	IoT Based Smart Water Consumption and Billing Management through Cloud Platform for Residential	18/08/2021	Manipal University Jaipur Jaipur	Grant	2021105879	02/12/2021	35/48	9344	17/11/2021	2021105879		Computer Science & Engineering
												Computer & Communication Engineering
												Computer & Communication Engineering
												Computer Science & Engineering

	Apartments		Jaipur Jaipur								Computer&Communicati on Enginee
											Economics
											Computer Science & Engineering
Patent	A METHOD FOR SYNTHESIS OF GAMMA IRON OXIDE NANO-PARTICLES USING NANO-SEDIMENTATION	08/11/2022	Manipal University Jaipur Jaipur	Published	202211063668	18/11/2022	46/2022	72491			Electrical Engineering
											Electronics&Communica tion Engi
											Mechanical Engineering
Patent	SYSTEM AND METHOD FOR BATTERY STATE ESTIMATION INCORPORATING VARIED GEOGRAPHICAL DATASET	30/12/2022	Manipal University Jaipur Jaipur	Published	202211077036	06/01/2023	01/2023	245			Electrical Engineering
											Mechanical Engineering
											Electronics&Communica tion Engi
											Mechanical Engineering
Patent	IoT Management for Shopping Mall	23/08/2021	Manipal University Jaipur Jaipur	Grant	2021106671	11/11/2021	35/45		17/11/2021	2021106671	Computer Science & Engineering
											Computer&Communicati on Enginee
											Computer&Communicati on Enginee
Patent	FUNCTIONAL CLOTHING FOR PARAPLEGIC PERSON: A COMFORTABLE WEARABILITY WITH PERSONAL NEED SOLUTION	05/10/2023	Manipal University Jaipur Jaipur	Published	202311066678	20/10/2023	42/2023	72254			Fashion Designing
Patent	CHAOS THEORY BASED ENERGY METER READING ENCRYPTION AND ITS IMPLEMENTATION ON RASPBERRY PI	30/11/2023	Manipal University Jaipur Jaipur	Published	202311081369	29/12/2023	52/2023	94452			Electrical Engineering
											Electrical Engineering
Patent	SYSTEMS AND METHODS FOR A LIGHTWEIGHT IMAGE CIPHER USING 3-D CELLULAR AUTOMATA	28/11/2020	MUJ Jaipur	Published	202011051969	04/12/2020					Computer Science & Engineering
											Computer Science & Engineering
											Computer Science & Engineering
											Information Technology
											Computer Science & Engineering
Patent	AN ADJUSTABLE SINGLE TOOTH GEAR TEST FIXTURE	20/08/2021	Manipal University Jaipur Jaipur	Grant	2021106249	04/11/2021	35/44	8523	10/11/2021	2021106249	Mechatronics Engineering
											Mechanical Engineering
											Mechatronics Engineering
Patent	Digital Camera-based Smart Lighting System	30/11/2023	Manipal University Jaipur Jaipur	Published	202311081310	29/12/2023	52/2023	94441			Electrical Engineering
Patent	A RFID BASED INTERACTIVE SHOPPING CART USING ARDUINO	09/11/2023	Manipal University Jaipur Jaipur	Published	202311076499	08/12/2023	49/2023	85938			Electrical Engineering
											Electronics&Communica tion Engi
											Electronics&Communica tion Engi
Patent	NOISE MARGIN ENLARGEMENT OF EFFICIENT STANDARD TERNARY INVERTER	20/10/2023	Manipal University Jaipur Jaipur	Published	202311071717	24/11/2023	47/2023	78238			Electrical Engineering
											Electronics&Communica tion Engi
											Electronics&Communica tion Engi
	Integrated Indoor Outdoor Solar Cooking System with		Manipal University								Mechanical Engineering

Patent	Integrated Indoor-Outdoor Solar Cooking System with Thermal Energy Storage	01/11/2021	Manipal University Jaipur Jaipur	Published	202111050005	09/12/2022	49/2022	77497				Mechanical Engineering Mechanical Engineering
Patent	Energy storage based Solar Kadhai	28/11/2023	Manipal University Jaipur Jaipur	Published	202311080601	29/12/2023	52/2023	94295				Mechanical Engineering
Patent	Content Based Video Ranking	07/12/2020	Manipal University Jaipur Jaipur	Published	202011053220	08/01/2021	02/2021	1305				Information Technology Information Technology Computer Science & Engineering Computer&Communication Enginee
Patent	Content Based Video Ranking	24/11/2021	Manipal University Jaipur Jaipur	Grant	2021105538	11/11/2021	35 / 45	8767	27/10/2021	2021105538		Information Technology Information Technology Computer Science & Engineering Computer&Communication Enginee
Patent	A SYSTEM FOR LINK PREDICTION AND NODE CLASSIFICATION IN SOCIAL NETWORKS USING GA-GCN	30/07/2023	Manipal University Jaipur Jaipur	Published	202311051224A	01/09/2023	35/2023	55876				Information and Technology Information and Technology
Patent	BRAIN TUMOUR DETECTION USING GENERATIVE ADVERSARIAL NETWORK AND CONVOLUTIONAL NEURAL NETWORK	31/10/2023	Manipal University Jaipur Jaipur	Published	202311074019	22/12/2023	51/2023	91290				Information and Technology Computer Science Engineering
Patent	REFRACTORY CASTABLE BASED STABLE SANDY SOIL COMPOSITION AND METHOD OF PREPARATION THEREOF	06/10/2021	Manipal University Jaipur Jaipur	Published	202111045593	26/11/2021	48/2021	56043				Civil Engineering
Patent	Preparation of wearing course in bitumen roads employing cecabase emulsified warm mix asphalt	11/12/2023	Manipal University Jaipur Jaipur	Published	202311084239	12/01/2024	02/2024	2833				Civil Engineering
Patent	Engine Oil Life Monitoring System	23/11/2023	Manipal University Jaipur Jaipur	Published	202311079479	29/12/2023	52/2023	94200				Mechanical Engineering Automobile Engineering Automobile Engineering Automobile Engineering Automobile Engineering
Patent	Paper bowl	22/08/2023	Manipal University Jaipur Jaipur	Published	202311056082	22/09/2023	38	62681				Architecture Interior Designing
Patent	A MACHINE LEARNING BASED SYSTEM FOR CONTROLLING AND MONITORING POWER GRID AND METHOD THEREOF	18/12/2021	Manipal University Jaipur Jaipur	Published	202111059204	31/12/2021	53/2021	64761				Information Technology Computer&Communication Enginee Information Technology Computer&Communication Enginee
Patent	A system for controlling LASER marking through machine learning and method thereof.	18/12/2021	Manipal University Jaipur Jaipur	Published	202111059203	31/12/2021	53/2021	64760				Information Technology Computer&Communication Enginee Information Technology Computer&Communication Enginee Computer Applications Computer Applications
Patent	AN OPTIMIZED GATE METAL VARIANT STRUCTURES FOR ENHANCEMENT OF GRADED CHANNEL-GATE-STACK-DOUBLE-GATE MOSFETS SWITCHING/ANALOG PERFORMANCE	20/10/2023	Manipal University Jaipur Jaipur	Published	202311071654	24/11/2023	47/2023	78233				Electronics&Communication Engi Electronics&Communication Engi
Patent	Opposition Based Bat Algorithm for Optimal Design of Fourth-order Butterworth Low-pass Active Filter	29/12/2023	Manipal University Jaipur Jaipur	Applied	202311089691							Electronics&Communication Engi



Patent	Detection Of Autism Spectrum Disorder (ASD) Using Machine Learning & Deep Learning	21/06/2022	Manipal University Jaipur Jaipur	Published	202211035422	01/07/2022	26/2022	41217			Computer Science and Engineering
											Computer Science and Engineering
Patent	System For Predicting Lumpy Skin Disease In Cattle	20/10/2023	Manipal University Jaipur Jaipur	Published	202311071608	24/11/2023	47/2023	78283			Computer Science Engineering
											Computer Science Engineering
Patent	Multipurpose Kick Scooter	01/01/2023	Manipal University Jaipur Jaipur	Published	202311000012	06/01/2023	01/2023	348			Automobile Engineering
											Mechatronics Engineering
Patent	A WIRE COATING COMPOSITION FOR ELECTRICAL VEHICLE	12/10/2023	Manipal University Jaipur Jaipur	Published	202311068506	27/10/2023	43/2023	74320			Mechanical Engineering
Patent	NATURAL FIBER-REINFORCED POLYOLEFIN COMPOSITE AND PREPARATION METHOD THEREOF	12/10/2023	Manipal University Jaipur Jaipur	Published	202311068507	27/10/2023	43/2023	74319			Mechanical Engineering
Patent	NANO HYBRID METAL MATRIX COMPOSITE	28/06/2023	Manipal University Jaipur Jaipur	Published	202311043298	21/07/2023	29/2023	50152			Mechatronics Engineering
											Mechanical Engineering
											Mechanical Engineering
Patent	QUICK RETURN MECHANISM FOR SHAPER MACHINES	19/10/2023	Manipal University Jaipur Jaipur	Published	202311071604	24/11/2023	47/2023	78269			Mechatronics Engineering
											Mechanical Engineering
											Automobile Engineering
											Automobile Engineering
Patent	DATA ASSIST: A PERSONALIZED ASSISTANT-STIMULATED AI SYSTEM FOR SPEECH, TEXT AND BACKEND	29/08/2021	Manipal University Jaipur Jaipur	Published	202111039104	10/09/2021	37/2021	41171			Information Technology
											Information Technology
											Computer Science & Engineering
											Information Technology
Patent	UNSUPERVISED VIDEO SUMMARIZATION USING RESNET AND BIDIRECTIONAL LSTM	08/08/2021	Manipal University Jaipur Jaipur	Grant	2021105102	13/04/2022	36/17	2505	13/04/2022	2021105102	Computer Science and Engineering
											Computer Science and Engineering
											Computer Science and Engineering
											Computer Science and Engineering
											Computer Science and Engineering
Patent	AN AI BASED SYSTEM FOR RECEIVING FEEDBACK OF A READER IN ONLINE READING AND METHOD THEREOF	30/12/2021	Manipal University Jaipur Jaipur	Published	202111061660	07/01/2022	01/2022	68			Information and Technology
											Information and Technology
											Information and Technology
											Computer and communication Engineering
											Computer and communication Engineering
											Information and Technology

											Computer and communication Engineering
											Information and Technology
Patent	AN AUTOMATED PRECISION IRRIGATION SYSTEM BASED ON PLANT-SPECIFIC NEEDS	30/11/2023	Manipal University Jaipur Jaipur	Published	202311081248	29/12/2023	52/2023	94438			Information and Technology
Patent	Osteoconductive Chain Silicate Bioceramic for Bone Tissue Engineering	07/04/2019	Manipal University Jaipur Jaipur	Published	201911013971	15/05/2020	20/2020	18772			Mechanical Engineering
											Mechanical Engineering
Patent	PORTABLE THREWAY COMPATIBLE SOLAR TRACKER SYSTEM	02/11/2018	Manipal University Jaipur Jaipur, nil nil	Published	201821041506	25/12/2020	52/2020	63393			Mechanical Engineering
											Electrical Engineering
Patent	Self-Cleaning Solar PV Sliding System	29/10/2021	Manipal University Jaipur Jaipur	Published	202111049560	12/11/2021	46/2021	53530			Electrical Engineering
Patent	Smart Courier Collecting Box	22/08/2023	Manipal University Jaipur Jaipur	Published	202311056090	22/09/2023	38/2023	62693			Electrical Engineering
Patent	VOICE CONTROLLED PANIPURI SERVING MACHINE	25/10/2023	Manipal University Jaipur Jaipur	Published	202311072504	24/11/2023	47/2023	77264			Electrical Engineering
Patent	WIRELESS DATA ACQUISITION SYSTEM FOR PHOTOVOLTAIC SYSTEM	25/10/2023	Manipal University Jaipur Jaipur	Published	202311072506	24/11/2023	47/2023	78321			Electrical Engineering
Patent	IOT BASED SOLAR PV CLEANING & HAILSTORM PROTECTIVE SYSTEM	25/10/2023	Manipal University Jaipur Jaipur	Published	202311072498	17/11/2023	46/2023	77264			Electrical Engineering
Patent	A Method For Predicting Personality Of Users And An Apparatus	13/09/2023	Manipal University Jaipur Jaipur	Published	202311061730	15/10/2023	41/2023	69775			Information and Technology
											Data Science and Engineering
Patent	Smart LPG Cylinder Level Sensor for Predictive Empty Status Identification	04/12/2023	Manipal University Jaipur Jaipur	Applied	202311082339						Computer Science Engineering
											Data Science and Engineering
											Artificial Intelligence and Ma
Patent	ADAPTIVE CENTRE TABLE FOR EFFECTIVE SPACE UTILIZATION	15/12/2023	Manipal University Jaipur Jaipur, Ar. Anushri Gaur	Applied	202311085990						Interior Designing
											Fine Arts
Patent	A NOVEL PROCESS TO DEVELOP INORGANIC COUNTERS FOR LAMPSHADES IN CARDBOARD	04/10/2023	Manipal University Jaipur Jaipur	Published	202311066373	20/10/2023	42/2023	72217			Interior Designing
Patent	A CONTAINER LIFTING SYSTEM	23/05/2019	MUJ Jaipur	Grant	201911020418	25/12/2020	52/22	63291	27/12/2023	489628	Interior Designing
											Architecture
Patent	A DOG WALKING ACCESSORIES	17/08/2023	Manipal University Jaipur Jaipur	Published	202311055162	15/09/2023	37/2023	60837			Interior Designing
											Fashion Designing
Patent	A System and a Method for E-Commerce Epidemic Models	15/07/2021	Manipal University Jaipur Jaipur	Grant	2021104529	19/08/2021	35/33	6663	13/04/2022	2021104529	Computer Science and Engineering
											Computer Science and Engineering
											Mathematics & Statistics
Patent	TRANSISTOR SIZING EFFECT ON NOISE MARGIN ENLARGEMENT OF TERNARY LOGIC	02/11/2023	Manipal University Jaipur Jaipur	Published	202311074734	24/11/2023	47/2023	78480			Electronics & Communication Engi
											Electronics & Communication Engi
											Information and Technology
											Information and Technology
											Information and Technology

