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S.No.	Title of Patent	Name of the Innovator	Patent Application No.	Status
1	School girls and women safety empowerment using IoT and machine learning framework.	Dr. Vinay Rishiwal Dr. Inderpreet Kaur	202211005092	National
2	Impact on financing self help groups	Ashutosh Priya	202141059794	National
3	Study on Advertisement and Sales and Promotion activities	Ashutosh Priya	202211008832	National
4	Tourism as a development strategy in micro regions of India	Ashutosh Priya	202241009908	National
5	IOT with artificial intelligence based decentralized authentication modeling scheme in edge using blockchain techniques	Ms. Anu Yadav, Dr.S.Prakash, Mr.Gourav Purohit, Mr. Jagadeesh Dandu, Dr.Chhavi Sharma, Dr. S. Ravichandran, Mr. Y. M. Mahabooobjohn, Dr. Govinda Rajulu,G, Dr.Venkatesan .D, Dr. K. Venkata	202211022588	National
6	Massive IOT traffic flow forecasting using time-aware locality- sensitive hashing enabled by 6g	Dr.Bharat Bhushan Agarwal, Prof.(Dr) Pankaj Kumar Sharma, Dr.K.P.Porkodi, Dr.V.Murugesh, Prof. M. Sadhasivam, Mrs. Priti Sharma, Dr.Chhavi Sharma, Mr. Saurabh V Kumar	202211023920	National
7	An IOT and machine learning bases method of communicating a digital message with an information signal	Dr. Hari Kumar Singh, Dr. Inderpreet Kaur	202211000067	National
8	Artificial intelligence in the prediction of bitcoin fluctuations	Hari Kumar Singh	202211014664	National
9	A System & Method for defect recognition in additive manufacturing using image processing based on IoT & AI	Hari Kumar Singh	202231034464	National
10	A smart school security system that utilizes GSM and microcontrollers and is powered by the internet of things (IOT)	Hari Kumar Singh	202221037177	National
11	A system and method for secure remote communication using WSN based on blockchain technology	Hari Kumar Singh	202241050360	National
12	Digital voltage tester	Inderpreet Kaur	112230	National
13	MIMO antenna for smart agriculture system	Dr. Vinay Rishiwal, Dr. Inderpreet Kaur	202211022222	National
14	Early Detection of Depression using AI and Mobile Device	Dr. Anil Kumar Bisht, Dr. Akhtar Hussain, Mr. Pankaj, Dr.Pooja Yadav	202111058519	National
15	ICS- aerial vehicle: intelligent aerial vehicle using camera, wireless communication module patrols above swimmers system.	Vinay Rishiwal	202011055087	National
16	Machine Learning Model for Predicting Severity Prognosis in Patients infected with COVID-19	Vinay Rishiwal	2021105080	National
17	Healthcare data exchange using block chain Technology	Vinay Rishiwal	2021102036	National
18	Synthesis and pharmacological evaluation of ibuprofen entrapped silver nanoparticles using herbs	Amit kr Verma	2021103328	National
19	Rectal Drug Delivery System using Herbal	Amit kr Verma	2021104276	National
20	Airplane Accidents Predictive Using AI and Machine Learning Programming	Akhtar Hussain	2021101256	International
21	A Unique Novel Technique for Problem Determination in Textile Industry	Tulika Saxena	2021104353	National
22	Sanitizer Composition of Madhuca Longifolia	Amit kr verma	202011057288	National
23	Education System Online Monitoring using Cloud Computing	Vinay Rishiwal	202111020093	National
24	Big Data in Supply Chain Analysis	Vinay Rishiwal	202121044189	National
25	IoE- digital education system: impact of open access e- resources in digital education system.	Vinay Rishiwal	202111048714	National
26	Gastroretentive formulation with Carboxymethylated Gum Sterculia.	Amit kr verma	202111000642	National
27	Substituted Phenoxy Phenylethylidene Derivatives as Antimicrobial Agent	Amit kr verma	202111002121	National
28	Synthesis & Pharmacological evaluation of Ibuprofen entrapped silver nano particles using herbs.	Amit kr verma	202111023456	National
29	Age Defying Skin Rejuvenating Cosmetic Formulation.	Amit kr verma	202111021770	National
30	Flax Seed Suppositories for Rapid Drug Delivery	Amit kr verma	202111024622	National
31	Machine Learning and IOT Based System for incorrect Posture Detection Registration	Dr. Manoj Kumar Singh, Dr. Hari Kumar Singh	202121037944	National
32	An Experimental Study carried out in orthogonal section on the titanium alloy Ti-6AL-4V Using the Kinematic	Manoj Kumar Singh	202141041759	National
33	Autonomous Medicine Disbursing System Based on Mobile Robotics for Disastrous Management	Tulika Saxena	202121004574	National
34	A System for Regulated Distributed Deep Learning in Cloud and smart mobile devices	Ashutosh	202121025112	National
35	Best HR Practices in an Organized retail sector	Ashutosh Priya	202111056332	National
36	Uber Data Analysis and Quick Search using Deep Learning	Dr. Iram Naim , Dr. Anil Kumar Bisht, Dr. Akhtar Hussain	202111046134	National
37	Herbal Capsules for hemorrhoids	Amit kr verma	202111039916	National
38	Use of Kalmegh as Antimalarial	Amit kr verma	202111048343	National
39	Extract of Curculigo Orchioides Gaertn roots having antibesity Activity	Amit kr verma	202111043569	National

40	Bitcoin Price Prediction using ML	Dr. Iram Naim , Dr. Anil Kumar Bisht, Dr. Akhtar Hussain	202111046127	National
41	Impact on Job Analysis in company/industry	Ashutosh Priya	202141060314	National
42	MTV-Framework Traffic Classification: Machine /Deep Learning Frame Work For Traffic Classification And Taking Appropriate Actions on Vehicles Using IoT-Based Technology	Akhtar Husain	202111008829	National
43	Intelligent system for management of healthcare recourses in hospital using data mining & machine learning	Sanjay Mishra	202111051627	National
44	Experimental Investigation of Hybrid gas turbine and Hybrid steam Turbine to investigate the possibility of utilizing solar energy in a combined cycle	Manoj Kumar Singh	202141049062	National
45	Internet of things (IoT) based E-Learning Solutions for slow medium and fast learner	Romita Khurana	2021105732	National
46	AMTH- Biomedical Waste Management: An IoT- Based System for Biomedical Waste Management Including Ayurveda Hospitals	Vinay Rishiwal	2020103095	National
47	ISML- Stock Prices Predictor: Intelligent Stock Prices Predictor Using Machine Learning	Vinay Rishiwal	2020103324	National
48	Buvt -face recognition bot: face recognition bot their unique voice using IoT-based technology	Manoj Kumar Singh	202011041947	National
49	Robust Real- Time Action or Pose Recognition Training Model Using 3D Graphics Engine	Tulika Saxena	202011053368	National
50	INUM-Human Immune Detection System	Vinay Rishiwal	202011049370	National
51	Suav-women security: women security using street light and auto run unmanned aerial vehicle using IoT based technology.	Dr. Vinay Rishiwal, Dr. S. S. Bedi	202011039892	National
52	IVH- sanitizer system: intelligent vehicle hand sanitizer system using pre-instruction.	Vinay Rishiwal	202011028490	National
53	S Robot intelligent room surface cleaning robot	Vinay Rishiwal	202041028095	National
54	Derivatives of 7- Hydroxy, 4- Methyl Coumarin.	Amit kr verma	202011050685	National
55	Copyright for "Zero TB Digital Platform"	Hema Verma	L-97212/2020	National
56	A Solar Heating Apparatus	Manoj Kumar Singh	201911037065	National
57	Pneumatic Chips Collecting Apparatus	Manoj Kumar Singh	201911012059	National
58	Stone Crushing Machine	Manoj Kumar Singh	201811035040	
59	Noise cancellation enabled helmet	Janak Kapoor	202311088611	National
60	IoT based solution for electric shaving machine charger to avoid electronic waste	Dr. Vinay Rishiwal	202211076987	National
61	IoT-based system for room heater	Dr. Vinay Rishiwal	2022211076988	National
62	A crop recommendation and supply chain management system using IoT and block chain.	Dr. Vinay Rishiwal	2022211031566	National
63	CTAO- educational monitoring: IoT based education monitoring to checking the class teacher available in a class and notes available online notified.	Dr. Vinay Rishiwal	202011042422	National
64	UAV-borne mobile multimedia computing with integrated cyber-physical surveillance towards a taxonomy of intelligent data processing for IoMT-enabled radar sensor networks.	Mr.T R Arunkumar , Prof. (Dr). G. Thippanna, Dr Neeraj Kumar Sharma , NARU DIVYA JYOTHI , Dr. SKV. Jayakumar , Dr K SRINIVASULU, P. Venkata Krishna , Pooja Yadav, Dr.Hemant Yadav , Dr. Abhishek ,Dr. Harikumar Pallathadka	202241052057	National
65	System for Enhancing Safety of the Transaction at Automated Banking	Nitin Arora , Nandkishor Joshi, Pooja Yadav , Preeti Yadav , Kaushal Kumar , Kuldeep Narayan Tripathi , Mohit Kumar , Hemant Kumar , G Sucharitha , Mamta Martolia ,Subhash C. Sharma	202311027716	National
66	Future evolution of artificial intelligence enabled internet of things in finance and economic industry, agriculture innovation and food industry	Dr. Nilima Rajaram Mirajkar	202221077259	National
67	A robust and deep convolutional neural network approach to detect early stages of lungs cancer	Dr.Chhavi Sharma, Dr. Inamul Hasan Madar, Muganda Munir Manini, Shanid Malayil, Geetanjali Sahu, Gita Sahu, Lalita Sandey, Vaibhav Sarjerao Gawade	2022211024611	National
68	Improving Generalized frequency Division multiplexing performance through Zoff chu precodind technique	Dr. Chhavi Sharma, Dr. Arvind Kumar, Dr. S. K. Tomar	202411003974	National
69	Accident Prevention module with multiple alert system	Tanishka Jha, Suraj Kumar Ray, Pankaj Kumar, Dr. Chhavi Sharma	202411003978	National
70	LPG Gas Leakage Detection Device (Voice Alert to the house wife)	Dr. Anil Kumar Bisht	202131047261	National
71	Single Handed Sowing and Fertilizing Machine	Dr. Anil Kumar Bisht	353142-001	National
72	IOT and machine learning approaches for predicting soil moisture and efficiency of vermicomposting in various compositions of solid wastes to improve agriculture yields	Dr. R. Thenmozhi, E. Nithya, D.Thamizhselvi, Dr. Mangala K.J, M. Amsa, Dr.Chhavi Sharma, R. Sankaranarayanan, Raja S	202341081601	National

73	"Estimation of catchment-scale soil moisture from topography".	Dr. Sushil Kumar Magade, Dr. P. Ramamoorthy, Dr. S. Hemavathi, Mr. S H Vamsi Krishna, Mr. Rajnish Sharma, Dr. M.S. Karuna, Dr. S. Bhagavathi Perumal	202321039430	National
74	"Neural Network for ECG Anomaly Detection in IOT Environment".	Dr. R.Sharmila, Dr. R. Pitchal, Dr. N. Balamurugan, Dr. M.S.Karuna, Prof. Anitha Rani K S, Dr. Ashok Kumar, Dr. Swagata Sarkar	2022241072720	National
75	Low cost parasitic patch array antenna for automotive Radar Application	Dr. Sumit Srivastava	202111038925	National
76	Validating space health care transactions usinfg block chain proof - of-work , systems and techniques	Dr. Sumit Srivastava	202221070351	National
77	Python Programming for analyzing the properties of air craft structural element	Dr. Sumit Srivastava	202321004816	National
78	An artificial intelligence-based approach to analysing the impact of corporate social responsibility in legal settings	Prof. K.P. Singh, Prof. Vinay Rishiwal, Dr. Brajesh Kumar, Dr. Akhtar Husain, Ms. Priyadarshini Rawat, Ms. Nidhi Shanker	202311083550	National
79	A study to understand the correlation between artificial intelligence and legal implications	Prof. K.P. Singh, Prof. Vinay Rishiwal, Dr. Brajesh Kumar, Dr. Amit Singh, Ms. Nidhi Shanker, Prof. Bhola Khan	202311084110	National
80	A systematic approach to analyze the impact of tax laws on business	Prof. Vinay Rishiwal, Dr. Amit Singh, Ms. Anushka Moolchandani, Prof. Bhola Khan	202311083538	National
81	Machine learning based approach for exploring the role on international humanitarian code in conflict resolution	Dr. Amit Singh, Prof. Vinay Rishiwal, Prof. Bhola Khan, Dr. Amit Kumar Singh, Dr. Akhtar Hussain, Dr. Annu Sharma	202311083548	National
82	Deep learning based technique to analyze the impact of technology in criminal trials and loyal practices	Dr. Amit Singh, Prof. Vinay Rishiwal, Dr. Akhtar Hussain, Dr. Shahnaz Akhtar, Dr. Amit Kumar Singh	202311083662	National
83	Artificial intelligence and internet of tings enabled framework for early fire prevention and detection in disaster management	Prof. Vinay Rishiwal, Dr. Preeti Yadav, Dr. Anil Singh, Dr. Inderpreet Kaur	202311084692	National
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86	Automatic pulmonary artery-vein separation in CT image using image segmentation and image-registration techniques	Prof. Vinay Rishiwal, Prof. S. S. Bedi, Dr. Brajesh Kumar, Prof. Anil Singh	202311083112	National
87	Implementation of machine learning approach for accurate diagnosis of colorectal cancer	Prof. Vinay Rishiwal, Dr. Brajesh Kumar, Prof. Bhola Khan, Prof. Anil Singh	202311083923	National
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89	A study to analyze the various smart irrigation systems to combat and optimize water use in agriculture	Prof. K.P. Singh, Prof. S. K. Pandey, Prof. Sanjay Garg, Prof. Alok Srivastava, Prof. Upendra Kumar	202311088682	National
90	Deep learning based technique to understand the role of agri-tech startups in agricultural innovation and financial growth of nation	Prof. K.P. Singh, Prof. S. K. Pandey, Prof. Alok Srivastava, Prof. Upendra Kumar	202311087287	National
91	Machine learning based approach for comparing to effectiveness of aqua phonic and hydro phonic systems	Prof. K.P. Singh, Prof. S. K. Pandey, Prof. Alok Srivastava	202311088196	National
92	A study to effectively analyze the current challenges water management in agriculture	Prof. K.P. Singh, Prof. S. K. Pandey, Prof. Sanjay Garg	202311087284	National
93	Implementation of classification models to study the impact of genetically engineered organisms on crop yield and safety	Prof. K.P. Singh, Prof. S. K. Pandey, Prof. Alok Srivastava, Prof. Upendra Kumar	202311086665	National
94	Systematic approach to study the role of regenerative agriculture on economical growth of farmers society	Prof. K.P. Singh, Prof. S. K. Pandey, Prof. Sanjay Garg, Prof. Upendra Kumar	202311088196	National
95	Artificial intelligence-based approach to predict the role of sustainable agriculture in combating drought and creating resilient food systems	Prof. K.P. Singh, Prof. S. K. Pandey, Prof. Alok Srivastava, Prof. S. S. Bedi	202311086667	National

96	Machine learning based approach to study the pros and cons of genetically engineered soil microbes	Prof. K.P. Singh, Prof. S. K. Pandey, Prof. Alok Srivastava, Prof. S. S. Bedi, Prof. Sudhir Kumar	202311085207	National
97	Deep learning based technique to accurately predict the financial loss caused to farmers o flood belts	Prof. K.P. Singh, Prof. S. K. Pandey, Prof. Alok Srivastava, Prof. Upendra Kumar, Prof. S. S. Bedi	202311086524	National
98	A study and analysis to understand the role of women entrepreneurs in improving agri-business	Prof. K.P. Singh, Prof. S. K. Pandey, Prof. Sanjay Garg, Prof. Bhola Khan	202311085197	National
99	Artificial intelligence base techniques to study the role of microbiome in liver diseases and getting stronger gut-axis	Dr. Amit Kumar Verma, Dr. Amit Singh, Prof. S. K. Pandey, Prof. Sudhir Kumar, Prof. S. S. Bedi	202411006535	National
100	Machine learning based models to study the role of immune cells in the pathogenesis and progression cardiovascular diseases	Dr. Amit Kumar Verma, Dr. Amit Singh, Dr. Saurabh Mishra, Prof. S. K. Pandey, Prof. Sudhir Kumar, Prof. Vinay Rishiwal	202411006538	National
101	Systematic reviews on development of novel and case- specific population pharmacokinetic models	Dr. Amit Kumar Verma, Dr. Amit Singh, Dr. Saurabh Mishra, Prof. S. K. Pandey, Prof. Sudhir Kumar, Dr. Brijesh Kumar	202411006541	National
102	Analysis on development of efficient Bayesian and spatial models for studying pharmacological data	Dr. Amit Kumar Verma, Dr. Amit Singh, Dr. Saurabh Mishra, Prof. S. K. Pandey, Prof. Sudhir Kumar, Prof. Vinay Rishiwal	202411007526	National
103	A molecular toxicology for understanding the molecular mechanisms by which toxins induce carcinogenesis	Dr. Amit Kumar Verma, Dr. Amit Singh, Dr. Saurabh Mishra, Prof. S. K. Pandey, Prof. Sudhir Kumar	202411007570	National
104	A Nobel Machine Learning-based Method to Evaluate Phyto-Chemical and Medicinal Properties of Cannabis Sativa Linn	Dr. Saurabh Mishra, Prof. Vinay Rishiwal, Prof. S. K. Pandey, Dr. Shiv Dev Singh, Dr. Shashi Bhooshan Tiwari, Ms. Inderpreet Kaur	202411005236	National
105	Design of an AI- Based Framework for Understanding the Impact of Health Care Product Marketing on Women's Health	Dr. Saurabh Mishra, Prof. Vinay Rishiwal, Dr. Sanjay Mishra, Prof. Sobhna Singh, Prof. Kamal Kishor, Dr. Preeti Yadav, Mr. Ajay Kumar Yadav	202411006534	National
106	Artificial intelligence-based techniques to improve the cognitive qualities of students through play	Dr. Gaurav Rao, Dr. Neeraj Kumar, Prof. Vinay Rishiwal, Prof. Bhola Khan, Dr. Brijesh Kumar	202411008407	National
107	Systematic approach integrated with machine learning models to study the impact of different learning styles as the method of addressing individual child needs	Dr. Gaurav Rao, Dr. Neeraj Kumar, Prof. Vinay Rishiwal, Prof. Bhola Khan, Dr. Anil Singh	202411008408	National
108	Deep learning techniques to predict the pros and cons of single-gender classes	Dr. Gaurav Rao, Dr. Neeraj Kumar, Prof. Vinay Rishiwal, Prof. Bhola Khan, Dr. Anil Singh	202411009340	National
109	Machine learning models to accurately predict the involvement of parents in modern education	Dr. Gaurav Rao, Dr. Neeraj Kumar, Prof. Vinay Rishiwal, Prof. Anil Singh, Prof. Bhola Khan, Dr. Brijesh Kumar	202411009343	National
110	A study to analyse the negative impacts of bellying by fellow-mates on the mental health of students	Dr. Gaurav Rao, Dr. Neeraj Kumar, Prof. Vinay Rishiwal, Prof. Anil Singh, Prof. Bhola Khan, Dr. Brijesh Kumar	202411009502	National
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118	Integrated IOT- based sleep pattern analysis, quality monitoring and improvement system	Prof. Vinay Rishiwal, Prof. S. S. Bedi, Dr. Preeti Yadav, Dr. Anil Bisht, Mr. Sushil Gangwar, Mr. Vinay Maurya	202411009754	National
119	Integrated IoT Solutions for Holistic Elderly Care: Continuous Vital Signs Monitoring and Alerts in Human-Centric Smart Homes	Prof. Vinay Rishiwal, Dr. Preeti Yadav, Dr. Anil Bisht, Mr. Sushil Gangwar, Dr. Pankay Roy	202411009784	National
120	AquaWatch: Deploying IoT Sensors for Real- Time Water Quality Monitoring in Lakes, Rivers, and Reservoirs for Pollution Detection and Environmental Conservation	Prof. Vinay Rishiwal, Dr. Brajesh Kumar, Dr. Preeti Yadav, Prof. S. S. Bedi, Dr. Akhtar Hussain, Mr. Vinay Maurya	202411009757	National
121	SmartWeedX: Cutting-Edge Weed Detection and Eradication System using IoT Technology and Autonomous Robotic Arms	Prof. Vinay Rishiwal, Dr. Brajesh Kumar, Dr. Preeti Yadav, Dr. Akhtar Hussain, Dr. Iram Naim	202411009760	National