

Patents Published from 1st June 2024 to 31st May 2025

Sl. No.	Name of the Inventor(s)	Title of the Patent	Date of Filing the Patent	Date of Publication	Patent Number
1	Dr.P.Gandhimathi Dr. CH Siva Kumar Mr. Kundan. B Dr.J.Senthil Murugan M.Poornima Devi Senthil Kumar D Dennis Ebenezer D Dr. Shanthi H J Dr.S.Russia	AN INTEGRATED MACHINE LEARNING AND IOT APPROACHES FOR SECURE SMART HOME AUTOMATION	18.06.2024	21.06.2024	202441046674
2	Dr. Nancy Prasanna Joseph Prof. (Dr.) Aarfa Rajput V. Sathya Anjali Raj Dr. Shardha Purohit Dr.Aanchal Puri	A SYSTEM AND METHOD OF SOCIAL MEDIA MARKETING INFLUENCES CONSUMER PERCEPTIONS AND BRAND	07.07.2024	12.07.2024	202441051952
3	K Kavitha DR. Rashmi Mohapatra Dr Subhashini Swaminathan Prasanthi Potnuru Birlangi UshaRani R.Sathishkumar Sudhakar Bathala Dr.K Bala Mr. Praneta Ravindra Desale Mahendra Govindrao Gadge Prof. Akshay Ashok Manikjade Dattatraya B. Nalawade	MACHINE LEARNING-DRIVEN KIDNEY STONE DETECTION AND PREDICTION USING ULTRA SONOGRAPHIC IMAGE PROCESSING	13.07.2024	02.08.2024	202441053557

4	Dr Sheela Naren Hundekari Mrs. Pallavi Sandeep Thorat G.Lavanya Dr. Bhuvaneshwari Jolad Dr. K.E.Naresh Kumar P Kumari Deepika Mr.Anvesh Perada P.Deepa Suguna.M Kunal Hiranman Borase	AI-BASED AUTOMATIC HEALTHCARE MANAGEMENT SYSTEM FOR EARLY DETECTION AND MONITORING OF CARDIOVASCULAR DISEASES USING WEARABLE IOT DEVICES AND DEEP LEARNING MODELS	22.07.2024	16.08.2024	202421055775
5	Dr. S. Santiago Rajkumar Ramasamy Senthil Kumar D Ambati Nagaraju Jibu J V Abhijeet Das Dr. S.Sathya M.Vara Lakshmi Dr. C. Rameshkumar Iyappan G	SMART CITY WASTE MANAGEMENT SYSTEM USING IOT, MACHINE LEARNING AND WSN FOR SOLID WASTE	24.07.2024	02.08.2024	202441056291
6	Dr. Reddi Khasim Shaik Dr. N.Gobalakrishna Kotteeswaran R Anju Bagga Mrs. Vijaylaxmi Mudnur Mr.Ranganath Honnalli Ravichandra Honnalli Pandikumar S	SECURING AND PROVIDING SAFETY IN INDUSTRIAL ENVIRONMENT AND INTEGRATING APP-EMBEDDED ROBOTS USING IO	02.08.2024	09.08.2024	202441058587
7	Mr. Bharath Kumar Reddy Poreddy Dr. R Ramya Pothreddypally Jhansi Devi Dr. B P N Madhu Kumar Mr. S Niresh Kumar	AI-ASSISTED PATIENT MONITORING SYSTEM FOR EARLY DISEASE DETECTION	23.08.2024	30.08.2024	202441063943

	Manjunathan Alagarsamy Dr. C. R. Rene Robin				
8	Dr. E. Manigandan Dr C Menaka Kalidindi Lakshmi Divya V. Prakasham Dharani R Dr. Animesh Kumar Sharma V Balaji Manu Vasudevan Unni Dr B Gayathri Billa Vamsi Krishna Dr. Priya R. Swaminarayan Dr. Abhishek Rajeshkumar Mehta	EXPLORING THE IMPACT OF STUDENT CONCEPTIONS OF PROJECT-BASED LEARNING ON PEDAGOGICAL INNOVATION IN HIGHER EDUCATION	08.09.2024	18.10.2024	202411067771
9	Nalineekumari Arasavali Baskar Gopal Senthilkumar Rajagopal Dr. R. Baghia Laxmi Dr. S. Padmapriya Dr. Rekha Ravindran R. Shobana Lakshmi Dr. A.Selvi Sunil.A Vidhya R	IoT & ML FOR CROP HEALTH MONITORING AND MANAGEMENT SYSTEM	16.09.2024	20.09.2024	202441070038
10	Dr. E. Manigandan Dr C Menaka Kalidindi Lakshmi Divya V.Gopinath Dharani R Dr. Animesh Kumar Sharma V Balaji Mr. Rudresh Dr B Gayathri Billa Vamsi Krishna Dr. Hina Jignesh Chokshi	MACHINE LEARNING APPROACHES FOR PREDICTING CAMPUS PLACEMENTS BASED ON ACADEMIC PERFORMANCE IN HIGHER EDUCATION	08.10.2024	28.11.2024	202411067772

	Dr. Abhishek Rajeshkumar Mehta				
11	Dr.B.Sarada Chidananda T M. Madhavi Dr.G.Suganya Surya G Dr.Nagababu Pachhala Srishyala K Nandhini D Dr.Rajkumar M P R.Sasikala Gangu Dharma Raju	AI AND BLOCKCHAIN-BASED SECURE PAYMENT GATEWAY FOR IN-APP PURCHASES ON SOCIAL MEDIA PLATFORMS	29.10.2024	08.11.2024	202441082859
12	Manikandan R MD.Aynul Bari Dr.Zulfiqar Ullah Siddiqui Punita Barpujari Deori P.Kumari Deepika Brajesh Kumar Singh	ADAPTIVE AIRBAG AUTOMATION FOR ENHANCED WORKER SAFETY USING MACHINE LEARNING	19.11.2024	29.11.2024	202441089475
13	Shaziya Banu S Dr.Ram murat singh Ramprashanth S.Ananthi Yellanki Deepti Dr.Amandeep Sharma Dr.Sachin Kumar Dr.Rohit kumar	DYNAMIC TRAFFIC CONTROL METHODOLOGY WITH IOT AND MACHINE LEARNING INTEGRATION	05.12.2024	13.12.2024	202441096097 A
14	G.Ashwin Prabhu Dr.Rajesh Sudhakar Mr.Rajeshwaran R Mr.K.Abinash Dr.K.P Vasantha Kumar Dr.C Kailasanathan Dr.Pramod George Mrs.D.Deepa	SMART ROBOTIC ARM WITH MACHINE LEARNING FOR ADAPTIVE CONSTRUCTION AND STRUCTURAL ASSEMBLY TASKS	13.12.2024	20.12.2024	202441098617

	Dr.D.Philip Selvaraj Mr.Irayya Shikkerimath Ms.Padmapriya M				
15	Ms. Lavanya Mr. Mahesh Sanjay Ghorpade Ms. Radha Balkrishna Ghodke Mr. Sainath Asaram Bhad Dr. L. Sherly Puspaha Annabel Dr. B. Senthil Kumar Ms. Ashlesha Kolarkar Dr. P. Chitra Dr. V.Krsihannaik Dr. Anandbabu Gopatoti	A GENERATIVE AI SYSTEM FOR REALISTIC BACKGROUND REPLACEMENT IN AUGMENTED REALITY APPLICATIONS	16.12.2024	20.12.2024	20441099731
16	Niharika N. Nagendra S. Nanda Kishor Ashok Ram. P Rajesh kumar Dr.S.M.Shamsheer Daula Pappula Madhavi Kotteswaran Rangasamy S.Kranthi	IOT DEVICES TO DETECT IRREGULARITIES IN MONITORING TRAFFIC PATTERNS USING A DEEP LEARNING BASED IDS	31.12.2024	17.01.2024	202441105058
17	Dr.Charanjeet Singh Dr.Pijush kanti Tripathi N MD Bilal A S Nisha N Amutha Dr.G.Nithya Dr.J.Kartigeyan Shaik Shameen Taz Dr.Srijan paul B Uma Mahesh Sivashankar G Ullal Akshatha Nayak	CLOUD-ENHANCED MACHINE LEARNING AND WIRELESS SENSOR NETWORKS FOR POLLUTION PREDICTION AND MANAGEMENT IN SMART CITIES	15.01.2025	31.01.2025	202511003284 A

18	Dr.Charanjeet Singh Titto Anujan Dr.Anish Thomas Dr.R.Baghia Laxmi D.V.L.N.Sastry Milind Krishna Kumar L R.Sandhiya Amandeep Noliya B.Dineshkumar	MACHINE LEARNING - ENHANCED SECURITY & PRIVACY IN 6G WIRELESS COMMUNICATION USING FOG AND EDGE COMPUTING	31.01.2025	14.02.2025	202511008456
19	Dr.Charanjeet Singh 2)Titto Anujan Dr. Anish Thomas Dr.R. Baghia Laxmi D.V.L.N.Sastry Milind Krishna Kumar L R.Sandhiya Amandeep Noliya B.Dineshkumar	MACHINE LEARNING -ENHANCED SECURITY & PRIVACY IN 6G WIRELESS COMMUNICATION USING FOG AND EDGE COMPUTING	31.01.2025	14.02.2025	202511008456
20	Dr.Manohar S Gethara Gowri C Kumari Deepika P Bino J Dr.Senthamizhselvi R Dr.Binda M B	NEXT-GENERATION BIOMETRIC AUTHENTICATION SYSTEM USING MULTISPECTRAL IMAGING	05.02.2025	14.02.2025	202541009404 A
21	G Ashwin Prabhu Dr.K.P Vasantha Kumar Dr.Sathish kumar P Mr.R.Karthik Mr.Vadivel Muthu Dr.J M Prabhudass Dr.K..Velavan Mr.R.Sathishkumar	ENHANCING MECHANICAL PROPERTIES OF ALUMINUM MATRIX COMPOSITES WITH HIGH-ENTROPY ALLOY REINFORCEMENT VIA	05.02.2025	21.02.2025	202541009615 A

	Mr.Rajeshwaran R Mr.Gavisiddesha Pattanashetty Dr.M L Brabin Nivas	FRICTION STIR PROCESSING			
22	Dr.G.Balamurugan Dr. P. Radhakrishnan Dr.R.Thiagarajan S.Saravarna kumar V .MANIMEKALAI Dr.I Jeya Daisy Shivakumar.E Dr. R.Kotteswaran Anithalakshmi	DETECTING ABNORMAL PATTERNS IN DATA, FOR CROP PRODUCTIVITY USING DEEP LEARNING APPROACHES	05.02.2025	14.02.2025	202541009386
23	K. Pandiyan Dr. Gopichand Nimbarte Mr. Vikrant Dhenge Dr. R. Kalaivani Sathish D Dr. Abhijit Ramesh Rao Joshi S. Kamalakkannan Aishwaryaa LK Senthil Kumar D P. Kavitha	EFFECTIVE ALERT SYSTEM FOR FARMERS BY OBSERVING AND AUTOMATION OF AGRICULTURAL FIELD LOCATION USING IOT DEVICES	12.02.2025	21.02.2025	202541012110
24	Rajappan Chandra Satish Kumar Dr.Ramkumar K M Somu C S Shabana Parveen M Dr.Sherly Puspha Annabel L Dr.Vandarkuzhali T	AI-POWERED PERSONALIZED HEALTH MONITORING SYSTEM WITH BLOCKCHAIN FOR DATA	13.02.2025	28.02.2025	202541012139
25	Munawar Yusuf Sayed Dr. Rajib Mandal Vijay Babu D Shaik Heera Karunakaran S Dharani.R	MACHINE LEARNING-DRIVEN PEDAGOGICAL INNOVATIONS FOR CURRICULUM DESIGN	20.02.2025	07.03.2025	202521014574

	Shiva C Dr T. Thomas Leonid A. Bharathidhasan Dr. R. Melba Kani Suresh Kumar Saritha A	AND STUDENT SUCCESS IN HIGHER EDUCATION			
26	Dr.B.Srinivasa Rao Anushree G Dr.Abhijit Ramesh Rao Joshi Durairaji V Gagana H S Dr.G.Ramakrishna S.Shanthi G.ShivajiRao U.D.Prasan Amandeep Noliya	AI AND IoT-BASED AGRICULTURE SYSTEM FOR CROP MONITORING AND PEST CONTROL TECHNOLOGY	25.02.2025	07.03.2025	202521016495
27	Dr. B. Srinivasa Rao Anushree G Dr. Abhijit Ramesh Rao Joshi Durairaji V Gagana H S Dr. G. Ramakrishna S. Shanthi G. ShivajiRao U. D. Prasan Amandeep Noliya	AI AND IOT-BASED SMART AGRICULTURE SYSTEM FOR CROP MONITORING AND PEST CONTROL TECHNOLOGY	25.02.2025	07.03.2025	202541016495
28	Dr.Arpita Maulik Shah Dr.Sarika Devendra Palve Dr.Yuwraj Dhanraj Kale Dr.Dhananjay Vitthal Hange Dr.Minal Sanket Pajai Dr.M.Selvam Dr.G.Selvakumar	DEVELOPMENT OF AN AI-BASED CLINICAL DECISION SUPPORT SYSTEM FOR AYURVEDIC DRUG DOSAGE RECOMMENDATIONS	03.03.2025	14.03.2025	202521018486

	Dr Karthikeyan M Dr.Sheuli Chakraborty Dr.B.Karunamoorthy A.Vijay Shivam Mishra				
29	Maninder kaur Dr Lathamani B V.Sathya P Karthigai kumar Chaya J Swamy Hemalatha L N Dr. Ram Murat Singh	A SYSTEM AND METHOD OF EMOTION-BASED METHODS FOR WORKPLACE STRESS MANAGEMENT USING AI, COGNITIVE LANGUAGE AND VISION	14.01.2025	31.01.2025	202511003177
30	Dr. Satyesh Raj Anand Dr. K. Arpitha Dr Navneet Kaur Dr. S. Geeitha RVS Praveen Dr. Amit Chauhan G. Senthilrajan Dr Vishnu Kiran Manam Prof. (Dr.) Rashel Sarkar A. Vijay B Yamini Dharmbir Singh	AI-DRIVEN BIOMEDICAL APPLICATIONS OF CARBON QUANTUM DOTS FOR WOUND HEALING AND INFECTION CONTROL	20/03/2025	04/04/2025	202511025653 A