

SRM Institute of Science and Technology

Ramapuram, Chennai-89

Patent Details -2025

S.No	Department	Inventor Name	Title of the patent	Year	Status of Patent published/ granted
1	MCA	Dr.S.Meenakshi	Integrated Cloud based System for Educational Resource Management and Delivery	2025	Published
2	MCA	Dr.S.Meenakshi	IOT-based Smart Interactive Digital White Board	2025	Granted
3	MCA	Dr. G. Lalitha	Machine Learning-Based Medical Testing Device for Brain Abnormality Detection	2025	Granted
4	MCA	Dr.D.Kanchana	Biometric Authentication Device for Cyber Security	2025	Granted
5	BCA	Dr.S.Umarani, Dr N Krishnam	AI-Driven Subway Water Logging Management Device	2025	Granted
6	BCA	Mrs.J.Saivijayalakshmi	Liver Tumour Prediction Using Deep Learning	2025	Published
7	BCA	Mrs.J.Saivijayalakshmi	Artificial Intelligence based system for Disease Identification in plant Extracts	2025	Published
8	BCA	Dr.E.Srimathi	Real-Time Credit Card Fraud Identification and Prevention Using Adaptive Machine Learning Method	2025	Published
9	BCA	Dr.S.Umarani	AI-Powered Railway Track Rental System for After-Hours Private Locomotive Operations	2025	Published
10	BCA	Dr.S.Uma shankari	IoT Device for Detecting Deficiency Leaves in Plant by Image Processing	2025	Published
11	BCA	Mrs.K.Pandi Meena	Automated Drowsiness Recognition and alert system using Machine Learning.	2025	Published
12	BCA	Dr.S.Umarani	IoT Weather Station Airship	2025	Published
13	BCA	Mr.R.Ganeshmoorthi	Fuzzy Logic Networks for Identification of Outdoor Location	2025	Published
14	BCA	Ms. G V Reshma	Load Balance Federated Learning Architecture for Heterogeneous Edge Devices	2025	Published
15	BCA	Dr.T.S.Suganya	System and Method for detecting phishing attacks using Machine	2025	Published
16	BCA	Akram Pasha Dr. R. Subha V.T. Kruthika Dr. J. Rajeswari Dr. M. Srisankar Dr. Anju Pavithran Mr. M. Sivasankar Dr. Baby Shalini Vijaya Kumar Dr. N. Revathi S. Nandhini	Digitizing Healthcare workflow through Emanager Application	2025	Published
17	BCA	1. Dr.S.Uma shankari 2)Dr. Ar 3)Dr Ramyadevi R 4)Dr. Renuga Devi.R 5)Dr Pavithra V 6)Dr. Sutha K 7)Dr. Saradha S 8)Dr. Vijayalakshmi N 9)Mrs. Suriya S	Determining the Authenticity of News Reports using Human-In-The-Loop to Combat Fake News	2025	Published
18	BCA	Mr.R.Ganeshmoorthi	AI Based computing device for Banking KIT Generation	2025	Granted
19	BCA	Dr. S.Umarani	AI-Driven Subway Water Logging Management Device	2025	Granted
20	BCA	Mrs. K. Pandi Meena	Machine Learning Based Medical testing device for Brain Abnormality Detection	2025	Granted
21	BCA	Dr. M. ANLINE	Artificial Intelligence Based Security for Cloud Computing	2025	Granted
22	Data Science	Dr.A. Bhuvaneshwari	A System and Method for Automated Image Dataset Labeling Using Transfer Learning-Based Framework	2025	Published
23	Data Science	Dr. R. Ramya Devi	Solar-Powered Drip Irrigation Controlling Device	2025	Granted
24	AI & ML	Dr. S. Subbaiah	Network Anomaly Detecting AI Device	2025	Granted
25	AI & ML	Dr. S. Subbaiah	Portable Biometric Security Access Device	2025	Granted
26	AI & ML	1.Dr.K. Kalaiselvi 2. Dr.S.Sa 7.Dr.S.Anuradha 8.Dr.T. Na	AI-Based Cybersecurity Threat Monitoring Device	2025	Granted
27	AI & ML	1.Dr.K. Kalaiselvi 2. Dr.N.Aswini 3.Mrs. N.Raghapriya 4.Mrs.K.Sindhuja 5.Mr.J.Kumar 6.Mrs.R.Anitha 7.Mrs.B.Chithra	AI-Enabled Robot for Monitoring Dog Biting	2025	Granted
28	AI & ML	Ms G Preetha	AI powered dental cavity scanner	2025	Granted
29	Cyber Security	Dr. Jayalakshmi V Mrs. Priyadharshini R	Smart Multimodel Device for Predictive Healthcare	2025	Granted
30	Cyber Security	Dr. Jayalakshmi V	Adaptive Traffic Signal Device	2025	Granted

31	Cyber Security	Dr. Jayalakshmi V	A Flexible Skin-Adhesive Device for Monitoring	2025	Granted
32	Cyber Security	Mrs. Kanimozhi T / Dr. G V. Shrichandran Dr. Sweetlin Susilabai S Dr. Sutha K	AI-Based Cybersecurity Threat Monitoring Device	2025	Granted
33	Computer Science	Mr. Vignesh A	ML Based Cloud Data Analysis Device	2025	Granted
34	Computer Science	1.Dr. Rajkumar Kannan 2. Dr. P. Thangaraju 3.Mr. Kumaresan Chandrasek 4.Dr. C. Sathish Kumar 5.Dr. S. Silvia Priscila	Cloud Computing Device for Enhanced Network Security	2025	Published
35	Computer Science	Dr. P. Bhargavi Devi, Ms. Sindhu	Cybersecurity Device for Mobiles	2025	Granted
36	Computer Science	1)Dr. A. Mary Dayana 2)Dr. G. Sasipriya 3)Dr. G. Sugin Lal 4)Dr. N. Priya	Automated System and Method for Early Detection of Diabetic Retinopathy Using Deep Learning Algorithms	2025	Published
37	Computer Science	Dr. Pallavi Sagar Deshpande, Talasila Tejaswini, Jyothirmaye Silumula, Venkata Satya Praveen Rani, RaviTeja Aida, Dr. Kavitha Venkatesan, Dr.Rajan Ethiraj Ugandar, Angeline Christobel Yesudhas, Dr.Kamalakkannan Duraisami, Arunkumar Selvara	Artificial Intelligence Based Skin Cancer Detection Device	2025	Granted
38	Computer Science	Dr. Bagavathi Lakshmi Ramar, Mahalakshmi Santhanakrishnan, Dr.Raghavendran Venkatesan, Sangeetha Radhakrishnan, Dr. Latchathipathy, Janani Shanmugam	Display Screen with Graphical User Interface for AI Model Training Visualization	2025	Published
39	Computer Science	Dr. Priya N	Artificial Intelligence Based Cervical Cancer Detection Device	2025	Granted
40	Computer Science	1 . Prof Dr M Devendra 2 . Ms.kaviya B 3 . Dr Gayathiry D 4 . Dr R Gayathri 5 . S.Sasirekha 6 . Dr.K.Lakshmi 7 . Dr M Jaithoon Bibi 8 . Mrs V Uthra 9 . Dr Geetha Raj prakash 10 . Dr Anuradha Arumugam	Nextra Web based Travel Automation Agency	2025	
41	MATHEMATICS	Dr.S.Sindu devi	Graph labeling in data protection	2025	Granted
42	MATHEMATICS	Dr. B. Sumithra	Big Data Framework for Predicting Infectious Diseases to Improve Healthcare by Discovering New Symptom Patterns	2025	Granted
43	MATHEMATICS	Dr.S.Sindu Devi	Calculus Curve Display Device for Concept Visualisation	2025	Granted
44	MATHEMATICS	Dr.T.Harikrishnan	Mathematical Learning Gaming Device	2025	Granted
45	MATHEMATICS	Dr. M. Priyadarshini	Adaptive Algebra Graph Learning Device	2025	Granted
46	MATHEMATICS	Mrs. J. Kavitha	Graph Optimization Device	2025	Granted
47	MATHEMATICS	Dr. G. Sathishkumar	Hybrid Finite Element–Spectral Method Framework for High-Precision Analysis of Nonlinear Differential Equations in Turbulent Flow	2025	
48	MATHEMATICS	Dr. B.Sumithra	AI Powered Wrist Band for detection of alzheimer's disease	2025	Granted
49	BIO TECH	Dr. M. Kamaraj	Portable food microbiology analyzer	2025	Granted
50	BIO TECH	Dr.G.Priya	Sugar Level Detecting Device from Urine Sample	2025	Granted
51	BIO TECH	Dr. M. Kamaraj & Dr. R. Vinodhini	Breath-Based Tuberculosis (TB) Detection Device	2025	Granted
52	COMMERCE SHIFT 1 G	Dr. K. Sushmitha	Data Processing Equipment For Automated Product Recommendation And Personalization	2025	Granted
53	COMMERCE SHIFT 1 G	Ms.R.Revathi	Predicting College Student Graduation with Academic Performance: Deep Learning Perspectives	2025	Published
54	COMMERCE SHIFT 1 G	Mr.S.Balakrishnan	AI-Powered Augmented Reality Glasses and Smart Watch Integration for Advanced E-Commerce	2025	Granted
55	COMMERCE SHIFT 1 G	Dr. T. V. Ambuli Mr.R.Mohandass	Smart System and Method for Skill gap Analysis and Targeted Training	2025	Published
56	COMMERCE SHIFT 1 G	Mr.I.Enock	Data Processing Equipment as Well as Peripheral Apparatus and Devices	2025	Granted
57	COMMERCE SHIFT 1 G	Dr.S.Prithivi, Mrs.U.Karthigai	AI based computer device for finance record management	2025	Granted
58	COMMERCE SHIFT 1 G	Ms. R. Revathi	Computing device for supply chain and inventory management	2025	Published
59	COMMERCE SHIFT 1 G	Dr. K. Sushmitha	EXPLORING THE ROLE OF FINANCIAL DERIVATIVES IN RISKMANAGEMENT	2025	Published
60	COMMERCE SHIFT 1 G	Dr. Lubna Suraiya, Dr. G. Marudhurai	Impact of Time Management on Academic Performance	2025	Published

61	COMMERCE -SHIFT II	Dr. J. Kumar	Kids Unplugged Interactive Learning and Play Device	2025	Published
62	COMMERCE SHIFT II C	Dr. Sathish Kumar Jayaraman Dr. Devi Narayani Sadheesh/N	Finance Tracking Device for Budget Management	2025	Granted
63	COMMERCE SHIFT II C	Dr J Kumar	Sensor Based Camera for Analysing customers in a e commerce industry	2025	Granted
64	COMMERCE SHIFT II C	Dr S Dhivya	The Impact of Information Reliability and Cloud Computing Efficiency on Website Design and E Commerce Business in India	2025	Published
65	COMMERCE SHIFT II C	Dr A Jesintha Rani	Predicting College students graduation with academic performance: Deep Learning Perspectives	2025	Published
66	COMMERCE SHIFT II C	Dr.S.Mani	Mobile-Enabled Stress Assessment Tool for Employees Using Voice Tone and Usage Behavior Analysis	2025	Published
67	COMMERCE SHIFT II C	Dr.D.Rengaraj	E-Commerce Finance Budgetary Allocation Kiosk	2025	Granted
68	COMMERCE -SHIFT II	Dr. S.Mani	AI-Powered Platform for Skill Gap Analysis and Personalised Employee Training Recommendation	2025	
69	COMMERCE -SHIFT II	Dr. Raju P	AI-Driven Educational learning computer	2025	Granted
70	COMMERCE -SHIFT II	Dr.D. Rengaraj & Dr.K. Gunas	A System and Method for optimizing corporate decision making using AI driven Analytics	2025	Published
71	COMMERCE -SHIFT II	Dr. Bala Nimoshini Supraja	The Effects of Numerical Divisibility on Loneliness Perceptions and Consumer Preferences	2025	Published
72	COMMERCE -SHIFT II	Ms. Sindhu Premalatha; Dr. D	Artificial Intelligence Platform for Skill gap Analysis and Personalised Employee training recommendation	2025	Published
73	COMMERCE -SHIFT II	Dr. S.Mani	Intelligent Railway Ticket Reservation and Crowd Management	2025	Published
74	Commerce(A&F)	Dr . J.Sabitha	AI Based Device for HR Operations	2025	Granted
75	Commerce(A&F)	Dr. Ramesh , Dr. Rakesh , Mrs	A system and method for AI driven business idea validation and market feasibility assignment	2025	Published
76	Commerce(A&F)	Ms.S.R.Kalaiarasi	Predictive HR Analytics Engine using Multi Modal Data Fusion for Talent Management	2025	Published
77	Commerce(A&F)	Dr.P.Rajkumar	A System and method for optimizing corporate decision making using AI-Driven analytics	2025	Published
78	COMMERCE - PA,ISM,I	Dr.K. Srinivasan Dr.J.Salomi Backia Jothi Dr.S.Lakshmi Dr.K.Punitha Dr.R.Mahalakshmi Dr.V.Deepa Dr.S.Dhivya/ Mrs.S.Manju/ Dr.J.Lalitha,	Apparatus for Customer Relationship Management and Sales Analytics	2025	Published
79	COMMERCE - PA,ISM,I	Dr.D.Janis Bibiyana Mr.Enoch Mrs.U.Karthigai Selvi Ms.Revathi R Dr.J.Salomi Backia Jothi Dr.T.V. Ambuli Dr.T.Rani Mrs.L. Monisha Mrs.F.Josephine Lenta	Device for Risk Assessment and Financial Planning in Investment Management	2025	Granted
80	COMMERCE - PA,ISM,I	1)Dr. J.Salomi Backia Jothi 2)Dr. K. Srinivasan 3)Dr. D.Janis Bibiyana 4)G. Maheswari 5)Dr. K. Anitha 6)Dr. Sumathi Franklin 7)Mrs. N. Manju 8)Dr. S. Lakshmi 9)Dr. K. Punitha	Apparatus and Method for Customer Feedback Collection and Analysis in retail	2025	Granted
81	COMMERCE - PA,ISM,I	Dr. S. Lakshmi Dr. K. Punitha Dr. S. Prithivi Ms. G. Dharini Dr. S. Sakthi Dr. Darshan. S Dr. Reji K Dr. N. Alamelu Sathyabama Mrs. Shreshtha Verma Dr. S Pratiksha Dr. A. Alamelu Mangai Dr. M. Deebika Mrs. D Sujatha Dr. N. Anchana	System and method for workflow optimization in Multi Department Organization and device thereof	2025	Granted

		Dr. S. Lakshmi Dr. K. Punitha Dr. S. Prithvi Ms. G. Dharini Dr. S. Sakthi Dr. Darshan S Dr. Reji K Dr. N. Alamelu Sathyabama Mrs. Shreshtha Verma Dr. S. Pratiksha Dr. A. Alamelu Mangai Dr. M. Deebika Mrs. D. Sujatha Dr. N. Anchana			
82	Commerce ISM, PA & IA	Dr. N. Anchana	SYSTEM AND METHOD FOR WORKFLOW OPTIMIZATION IN MULTI-DEPARTMENT ORGANIZATIONS AND DEVICE THEREOF	2025	Published
83	Commerce ISM, PA & IA	Dr. Janis Bibiyana, Mr. I. Enock	Processing device for risk assessment and financial planning in investment management	2025	Granted
84	Fashion Designing	U Oviya Yuvashree Vidhyavathi	AI Based Mirror for Virtual Trial	2025	Granted
85	LCS - ENGLISH	Dr. N. Sumathi	Method and System for realtime translation for the hearing impaired	2025	Published
86	LCS - ENGLISH	Dr. N. Sumathi	System for Grammar and Syntax error detection	2025	Published
87	LCS - ENGLISH	Dr. Sridevi T, Dr. Kavitha. K,	Speech To Text Converter For Academic And Professional Transcriptions	2025	Published