

SRM Institute of Science and Technology

Ramapuram, Chennai-89

Patent Details -2026

S.No	Department	Inventor Name	Title of the patent	Year	Status of Patent published/ granted
1	Cyber Security	Mrs. P. Renuka	IOT Enabled Hemoglobin Testing Device with Cloud Diagnostics	2026	Granted
2	BCA	1)Dr. R.Shanthi 2)Dr.B.Sivaranjani 3)Dr. Kavipriya P 4)Dr.V.Pavithra 5)Mrs.J Saivijayalakshmi 6)Dr.M.Ramya 9)Dr M Jaithoon Bibi 10)Mrs. S. R. Sivasankari	Dynamic hospital workflow automation system using javascript and nonsel	2026	Granted
3	Computer Science	Mr. Thangavel Shanmugam, Dr. Muruganandham Balakrishnan, Kanimozhi Suguna Subramanian, Karthickkumar Nachimuthu, Swati Kulkarni, Varsha Bhardwaj, Malathi Nanjukutty, Geetha E. K. Kaviyaadharshani Devananda	Smart Computing Device for Processing Neural Network Data	2026	Granted
4	Computer Science	Dr. Priya Panneer Selvam Mrs.Gowri Kuttusamy Dr Kavitha Ashok Kumar Mrs.Aneez Fathima Amanulla Murugan Palaniyandi Sasirekha Sridhar Sangeetha Manoharan Dr.Vaishnavi Sambath Kumar	IoT Based Shopping Cart with Real-Time Pricing and Billing	2026	Granted
5	DATA SCIENCE	Mrs. J. Josphin Mary Mrs. S. R. Sivasankari	Machine Learning Based workplace Stress Detection For Employee well being Management	2026	Published
6	Computer Science	Angeline Christobel Yesudhas, Sasi Kumar Anbalagan, Dr.A. Dr Brammatha Athiveerapane, Sridhar Krishnamoorthy, Prof. Vijimol Glory, Dr.George Rajiv Suresh Kumar, Zulfiya Ismailova, Dr. Shaik Balkhis Banu	Machine Learning–Based Stroke Prediction Device	2026	Granted
7	BCA	Dr. S. Umarami Dr. S. Chithra Dr. P. Supraja Mr. M. Bhuvanesh Ms. Varsha Ganesh Mr. Ameen Sherif R	AI-Powered Railway Track-Based Emergency Ambulance Transportation System	2026	Published
8	BCA	Dr. S. Umarami Dr. S. Nithya Dr. S. Chithra Mr. M. Bhuvanesh Ms. Varsha Ganesh Mr. Ameen Sheriff R	AI-Powered Mobile System for Intelligent Spare Part Identification and Inventory Assistance	2026	Published
9	MCA /BCA	Dr.R.Sivasankari Dr G Lalitha	Machine learning driven posture correction system for occupational health safety	2026	Granted
10	Computer Science	Mr. Veeralagan Jeganathan	Computing device incorporating image capturing camera for managing employee attendance	2026	Granted
11	Computer Science	Mrs. Sukanya Sridevi	Laboratory Apparatus for Plant Disease Image Detection	2026	Granted
12	Computer Science	Ms. Akiladevi G	An Intelligent Traffic-Adaptive Concrete Pavement System with Embedded Communication and Predictive Analytics Modules	2026	Published
13	BCA	Ogail Yousif Dawod, Prof (Dr) Dr.Patibandla Hemalatha, Sur Kumar Sahoo, Dr Bright Olic Charitha	AI-Based Cancer Cell Identification and Classification Device	2026	Granted
14	DATA SCIENCE	Mrs. S.Revathi	A IoT Enabled Smart Intelligent ICU Monitoring System in healthcare Industry using Hybrid cloud	2026	Published
15	Computer Science	Mr. B. Ramakrishnan	Comparison Analysis of Different Machine Learning for Enhancing Network Security	2026	Published
16	BCA	Prof. Mohit Tiwari, Tripti Tiwa Prakash Kushwaha, Dr. Selva Akila Rajini Selvaraj, Prasad	Computing Device for Enhancing Cloud Security	2026	Granted
17	BCA	Dr. Seema Dev Aksatha Devar Mohanraj Semalaippan , Pira	AI Enabled Targetted Drug Delivery Device for Diabetes Mellitus	2026	Granted

18	BCA	1)Dr.M.Praveena 2)Dr.Sridhar D 3)Mrs K. Pandi Meena 4)Dr E Saranya Devi 5)Dr.V.Baby Shalini 6)Mrs.Tamil Selvi S 7)Dr. Aruna M 8)Dr. Priyanka Jayaraj 9)Dr.Geetha Raj Prakash	Generative AI in Healthcare: Revolutionizing Diagnosis, Treatment, and Patient Care	2026	Published
19	MCA	Dr.D.Kanchana	Wireless Signal Repeater Device for Mobile Networks	2026	Granted
20	MCA	Dr N Krishnamoorthy	AI-Driven Adaptive Learning and Performance Prediction System	2026	Published
21	MCA	Dr N Krishnamoorthy	Adaptive Interference Reduction System for Cognitive Radio Networks Using Cooperative Spectrum Sensing, Interference Prediction and	2026	Published
22	MCA	Dr.S.Umarani	AI-Enhanced Medical Records Management System Integrating CDC ICD Coding and Federated Predictive Public Health Surveillance	2026	Published
23	MCA	Dr.S.Umarani	Radiator Fan Blade Fabricated by Basalt Fiber Reinforced Polymer Composite addition of Silica Nanoparticles	2026	Published
24	MCA	Dr.S.Umarani	AI-Powered chat Application for student collaboration and Mentorship	2026	Published
25	B.Sc AI & ML	Dr.S.Mahalakshmi	Quantum-Assisted Federated Learning Visualization Console	2026	Granted
26	DATA SCIENCE	Dr.D.B.Shanmugam	Digital Structural Health Analysing Device	2026	Published
27	DATA SCIENCE	Dr.D.B.Shanmugam	Smart IoT-Based Pediatric Health Awareness and Learning System	2026	Published
28	DATA SCIENCE	Dr. S. Saradha	AI Based Wastewater Treatment Device	2026	Granted
29	B.Sc AI & ML	Dr.P.Sudha	Smart Energy Monitoring and Optimization System for Educational Institutions	2026	Published
30	Cyber Security	Dr. S. Chitra	Intelligent IoT-enabled autonomous waste collection and resource optimization system	2026	Published
31	Cyber Security	Mrs. P. Renuka	Energy Efficient Deep Learning Model Compression Method	2026	Published
32	Mathematics	Linda Joel	Portable Diabetes Analysis Device	2026	Granted
33	Mathematics	C. Kayelvizhi	AI Based Elder Care Robot with Cultural Gesture Mode	2026	Granted
34	Mathematics	A. Savitha Mary	AI Based Data Privacy Checking Device	2026	Granted
35	Mathematics	Mrs.H.A.Bhavithra	AI-Based Cloud Data Security and Cybersecurity Analytics Device	2026	Granted
36	Biotechnology	Dr.S. Suresh	Sensor based management of relative humidity and metabolic heat in Solid state fermentation	2026	Granted
37	Biotechnology	Dr.G.Priya	Blood Diagnostic Device	2026	Granted
38	Mathematics	Mrs. A. Sudha Rani	Sensor-Based Device for Biochemical Analysis	2026	Granted
39	Mathematics	Dr. L. Panneerselvam	AI Driven Integrated Farming Device	2026	Granted
40	Mathematics	Mrs. J. Kavitha	Differential Equation Based Insulin Response Modeling Device for AI Powered Personalized Diabetes and Glucose Regulation	2026	Published
41	Mathematics	Dr.S. Sindu Devi	Mathematics Teaching Device for Students	2026	Granted
42	Mathematics	Dr.S.Sindhuja	AI Based Solar Panel Thermal Performance Measuring Device	2026	Granted
43	Mathematics	Dr. Sathishkumar	Portable Resource Allocation Device	2026	Granted
44	Mathematics	Mrs.P.Matilda Shanthini	Mathematics Teaching Device for Students	2026	Granted
45	Mathematics	Dr. C. Kayelvizhi	Laboratory Testing Apparatus for Material Analysis	2026	Granted
46	Mathematics	Dr.T.Harikrishnan	IoT Based Mathematics Learning Device	2026	Granted
47	Mathematics	Dr. N. Ramalingam	Machine for Making Pavement Block	2026	Granted
48	Visual Communication	Sindhuja MS	System and Method for Enhancing Investment Decisions Using Financial Literacy Competencies	2026	Published
49	COMMERCE SHIFT I	Dr.P.Maheswari	Market Entry Strategies: Exploring Pathways in International Commerce	2026	Granted
50	COMMERCE SHIFT I	Dr.T.V.Ambuli	AI-Based Computer Device for Employee Efficiency Checking in Organizations	2026	Granted
51	COMMERCE SHIFT II	Dr. S. Mani TSH004	IOT-Enabled Machine Learning Framework for Intelligent Railway Ticket Reservation and Crowd Management	2026	Published
52	COMMERCE SHIFT II	Dr. D. Rengaraj	System and Method for Enhancing Leadership Effectiveness Using Emotional Intelligence Competencies	2026	Published
53	MMERCE - ISM,PA & L	Dr.K.Gunasekaran	System and Method for Enhancing Investment Decisions Using Financial Literacy Competencies	2026	Published
54	MMERCE - ISM,PA & L	Dr.T.Rani	Migration Data Analysis System for Economic Development Planning	2026	Published
55	MMERCE - ISM,PA & L	Dr.S. Lakshmi	Impact of Information Technology on Global Business Operator	2026	Published
56	MMERCE - ISM,PA & L	Dr. D. Janis Bibiyana	Digital Platform for Government Debt Management and Economic Forecasting	2026	Published
57	COMMERCE SHIFT II	Dr. J. Kumar	Interactive Learning and Play Device	2026	Published
58	COMMERCE SHIFT I	Mr.S.Balakrishnan	Customer Behaviour Analysis Device	2026	Granted
59	COMMERCE SHIFT I	Dr.K.Punitha	Customer-Centric Business Performance Monitoring and Decision Support System	2026	Published
60	COMMERCE SHIFT I	Mr.Enock I	Machine learning-driven workforce safety, diversity, and well-being assessment system for sustainable manufacturing supply chains	2026	Published
61	COMMERCE SHIFT II	Ms. Sindhu Premalatha	The Role of Digital Commerce Management Systems in Business Growth and Performance	2026	Published
62	COMMERCE SHIFT II	Dr. R. Mahalakshmi	Impact of Commerce Bank in SME Development Financial Management	2026	Published
63	MMERCE - ISM,PA & L	Dr.S. Lakshmi	portable data processing devicefor KYC update in banks	2026	Granted
64	MMERCE - ISM,PA & L	Dr.S. Lakshmi	Microfinance growth analysis system for international financial service expansion	2026	Published
65	MMERCE - ISM,PA & L	Dr.S. Lakshmi	AI-Based Dynamic Credit Risk Prediction and Loan Approval System	2026	Published

66	MMERCE - ISM,PA & I	Dr.T.Rani	Apparatus for Customer Relationship Management and Sales Analytics	2026	Granted
----	---------------------	-----------	--	------	---------