

SRM Institute of Science and Technology

Ramapuram, Chennai-89

Patent Details -2024

S.No	Department	Inventor Name	Title of the patent	Year	Status of Patent published/ granted
1	BCA	Dr E.Srimathi	Machine Learning Analysis of College Faculty Productivity	2024	Published
2	BCA	Dr S.Umarani	ALZCARE: Personalized Voice Assistant for Alzheimer Patients Leveraging Deep Learning and Azure IoT	2024	Published
3	BCA	Dr S.Umarani Dr. S. Uma Shankari Mrs. J. Saivijayalakshmi Dr. T.S. Suganya Dr. V. Pavithra Dr. E. Srimathi Ms. Adyasha Samal	AI-Powered Chat Application for Students Collaboration and Mentorship	2024	Published
4	BCA	Dr S.Umarani Dr.N.Revethi D N.Mathimagal	ML-Based Cognitive Assistance Device for Alzheimer's to Support Memory, Daily Tasks, and Cognitive Function	2024	Published
5	BCA	Dr. S. Umarani	Centralized Photo Storage and Sharing System Integrated with Advanced Facial Recognition Technologies	2024	Published
6	BCA DS	Dr. R. Renuga Devi,Dr.T.Papit	Brain Tumor Detector Device	2024	Granted
7	BCA DS	Mr.D.B.Shanmugam	Security Improvement of Cloud Data Using Hybrid Cryptography and Steganography	2024	Granted
8	BCA DS	Dr.S.Albert Antony Raj Mrs.L.William Mary Mrs.Sai Vijayalakshmi Dr.M.Anoop	Automated Vehicle Number Plate Scanning and Recognition System	2024	Published
9	BCA DS	Mrs.L.William Mary Dr.S.Albert Antony Raj	Machine Learning based wearable device for detecting and alerting COVID-19 symptoms on the human body	2024	Granted
10	BCA DS	Dr.PM Kavitha	Real Time Predictive Analysis of User Behavior Analytics Mechanism for Detecting Insider Threats	2024	Published
11	BCA DS	Dr R Ramyadevi	Inventory Management Evaluation and Planning Machine Learning	2024	Published
12	BIO TECH	Dr. M. Kamaraj Dr. S. Suresh Dr. R. Vinoth Kumar Dr. G. Priya Dr. R. Vidhya Dr. A. Ancy Jenifer Dr. G. Rajendran Mrs. N. MadhaPriya	Biochemical analyzer	2024	Granted
13	COMMERCE - AF	Dr.K. Ramesh	Mediating Effect of Management Information System on Effective HRM in an Organization	2024	Published
14	COMMERCE - AF	Dr.N.Alamelu sathyabama Dr.P.Rajkumar Mrs.S.V.Mohanasujana Mrs.Shreshtha verma Dr N S Bala Nimoshini Supra Dr. K. Gunasekaran Dr. T. Thanasekaran Dr. S. Dhivya	Apparatus for Secure Online Payment Transactions	2024	Published
15	COMMERCE - AF	Mrs.S.V.Mohanasujana	AI Powered Financial Management Device	2024	Published
16	COMMERCE (Shift 2 CS	Dr N S Bala Nimoshini Supra	The Influence of Digitalization on Internal Shifts in the traditional employment structure	2024	Published
17	COMMERCE (Shift 2 CS	Ms. Joyce Daniel	Transforming HR Practices: Integrating employee engagement and analytics for organisational success	2024	Published
18	COMMERCE (Shift 2 Ge	Dr Kumar J	Computer Device for Customer Segmentation	2024	Granted
19	COMMERCE (Shift 2 Ge	Dr Kumar J	Analysis of the Significance of E-Commerce in Emerging Markets	2024	Published
20	COMMERCE (Shift 2 Ge	Dr P. Suseela Ms. R. Sindhu Premalatha Dr.Mani.S	Device for Inventory Management	2024	Granted
21	COMMERCE (Shift 2 Ge	Dr A Jesintha Rani	Machine Learning Approaches for Predicting Teachers' Stress, Teaching Approaches, and Student Academic Outcomes in Higher Education	2024	Published
22	COMMERCE (Shift 2 Ge	Dr A Jesintha Rani	Deep Learning Strategies for Forecasting Student Dropout and Academic Excellence in Higher Education	2024	Published
23	COMMERCE (Shift 2 Ge	Dr A Jesintha Rani	Predicting College Student Graduation with Academic Performance: Deep Learning Perspectives	2024	Published

24	COMMERCE (Shift 2 Ge	Dr. T. Rani Dr.K.Srinivasan Dr.S.Lakshmi, Mr. Enock I, Mrs. U. KARTHIGAI SELVI, Dr.K.Punitha, Dr. E. Maria Jency, Dr.J.Salomi Backia Jothi, Dr. D. Janis Bibiyana, Dr A Jesintha Rani	System for Efficient Supply Chain and Logistics Management	2024	Granted
25	COMMERCE	Dr. J. Sathish kumar	AI powered financial management device	2024	Granted
26	COMMERCE (Shift 2 Ge	Dr. J. Sathish kumar	AI powered data processing device for stock market forecasting	2024	Granted
27	COMMERCE (Shift 2 Ge	Dr. J. Sathish kumar	Portable bill board for digital marketing and promotion	2024	Granted
28	COMMERCE (Shift 2 Ge	Mrs. Manju Dr. Mahalakshmi Dr. G. Arun Kumar	Ethical issues in HRM: challenges and best practices	2024	Granted
29	COMMERCE- Shift 1	Dr.T.V.Ambuli	Importance of Marketing Research in Enhancing the Service Level of Manufacturing Company	2024	Published
30	COMMERCE- Shift 1	Dr. J, Sabitha	Smart Supermarket System with Navigation and Automated Billing	2024	Published
31	COMMERCE- Shift 1	Dr. J, Sabitha	Smart Kitchen Waste Management Device	2024	Published
32	COMMERCE- Shift 1	Dr. K. Sushmitha, Dr.P.Maheswari, Dr.C.Sahila, Dr. V. Shruthi, Ms. A.N. Amrin Fathima, MRS.F.JOSEPHINE LENTA, Mrs L. Monisha, Dr. P. Suseela	AI-Based Device For Checking Employee Efficiency	2024	Published
33	COMMERCE- Shift 1	Mrs. P. Suganya Priya, Dr. E. Maria Jency Mrs L. Monisha, Mrs. U. KARTHIGAI SELVI	AI powered financial Management device	2024	Published
34	COMMERCE- Shift 1	Ms. R. Revathi	Predicting college student graduation with academic performance: Deep learning perspective	2024	Published
35	COMMERCE- Shift 1	Mr.A.Hariharan	Mediating Effect of Management Information System on Effective Human Resource Management in an Organisation	2024	Published
36	COMMERCE- Shift 1	Dr. S. Vijayalakshmi	Customer Relationship Management (CRM) Platform with Personalized Marketing Automation for E-Commerce Businesses	2024	Published
37	COMMERCE- Shift 1	Dr.C.Sahila, Mr. R. Mohana Ruban	Intrapreneurship in Large Corporations: Cultivating Innovation and Employee Entrepreneurial Mindset	2024	Published
38	COMMERCE- Shift 1	Dr.R.Vijayalakshmi Dr.J.Srinivasan	Evaluating the information system management apporach and its relevance in improving business	2024	Published
39	COMMERCE- Shift 1	Dr. S. Vijayalakshmi	IoT Based Paralysis Treatment Device	2024	Granted
40	COMMERCE- Shift 1	Dr.S.Lakshmi, Dr.K.Punitha, Dr. D. Janis Bibiyana, Dr.J.Salomi Backia Jothi, Dr.K.srinivasan Dr.Mani.S Dr. T. Rani, Mr. P. Ganesh, Dr. Rengaraj	Techconological development' deep impactt on organisational change management	2024	Published
41	COMMERCE- Shift 1	Dr.P.Maheswari	E-Commerce Management and AI Based Dynamic Pricing Revenue Optimization Strategies	2024	Published
42	COMMERCE- Shift 1	Dr. V. Shruthi, Ms. A.N. Amrin Fathima	Driving Business Growth from Research to Innovation in Deployment of Business Intelligence	2024	Published
43	COMMERCE- Shift 1	Mr.Balakrishnan	“Blockchain-Enhanced Adaptive Control and Fault Detection in IoT-Driven Smart Factories”	2024	Published
44	COMMERCE- Shift 1	Dr.P.Maheswari	Consumer Behavior Analytics for Retail Marketing	2024	Granted
45	COMMERCE- Shift 1	Mr.Balakrishnan	AI driven financial portfolio optimization tool for personalised wealth	2024	Published
46	COMMERCE- Shift 1	Dr.R.Vijayalakshmi Dr.J.Srinivasan Mr. ENOCK I Ms R REVATHI Mr. PRAVEEN KUMAR TSF Mrs. F. JOSEPHINE LENTA Dr. T.V. Ambuli	Portable billboard for digital marketing and promotion	2024	Granted

47	COMMERCE- Shift 1	Dr. K. Sushmitha Mrs.N.Manju Dr.S.Dhivya	Data Processing Equipment For Automated Product Recommendation And Personalization	2024	Published
48	COMMERCE- Shift 1	Dr.J.Srinivasan	Based on Mplus 8.0 and SPSS 21.0, this research investigates the impact that developmental human resource management practices ha	2024	Published
49	CS	Dr.R.Ramyadevi	Robotic Waste Bin	2024	Published
50	CS	Dr. J Jebamalar Tamilselvi Mrs. T. Kanimozhi, Dr. G. Savitha	Energy effient Power Supply Unit for High Performance Computing Device	2024	Granted
51	CS	Dr. Jayalakshmi V	Wearable Stress Monitoring and Management Device	2024	Granted
52	CS	Dr. J. Jebamalar Tamilselvi Dr. G. Savitha Mrs. T. Kanimozhi Ms. G. Preetha Ms. Jenifer. V	Quantum Computing Method for Cryptographic Key Generation	2024	Granted
53	CS	Mrs. Muthuselvi J Mrs. Poomani.M Mrs. Raghapriya N, Dr. Aswini	AI Based Automated Medication Dispenser	2024	Granted
54	CS	Dr. Jayalakshmi V	Apparatus for Interactive Learning Through Sign Language Animation	2024	Granted
55	CS	Dr. R Ramyadevi	AI Based Driver Drowsiness Detecting Device	2024	Granted
56	MATHS	Mrs.Matilda shanthini Dr.T.Hari krishnan	A system for development of Bayesian inference in mathematical statistics	2024	Published
57	MATHS	Dr.G.Sathish Kumar /TET096	A system of fixed point analysis for image processing	2024	Published
58	MATHS	Mrs H A Bhavithra/ TET116 Mrs A. SUDHAAR RANI/ T5 Mrs P.Matilda Shanthini/ T71 Mrs Linda Joel/ T695 Dr.B.SUMITHRA/TSH149	Mathematics teaching kit for educating students	2024	Granted
59	MATHS	Dr. S. Sindu Devi/ T060	Machine learning based stress detection device	2024	Granted
60	MATHS	J. Kavitha/ T925	System for identifying rock thin section Using CNNs with advanced pooling techniques	2024	Published
61	MCA	N.Krishnamoorthy, Dr. R. Renuga Devi, Dr. V.Pavithra, Dr. T.Papitha Christobel, Dr. N.Indumathi, Dr. K.Sutha	A Novel Deep Learning Based Automated Cybersecurity System and method thereof	2024	Published
62	MCA	Mrs D Kanchana	AI and IOT Based Stress Detection Cap	2024	Published
63	MCA	Dr. S. Subbaiah	AI Based Cybersecurity Monitoring Device	2024	Published
64	MCA	Dr.J.Dhilipan, Mr.D.B.Shanm	Portable Respiratory Device	2024	Granted
65	MCA	Dr. R. Agusthiyar, Mr.Siva, Ms.Suriya	IOT based Agricultural environmental parameter monitoring device	2024	Published
66	MCA	Dr. D. Kanchana	AI Based visitor identification using Image processing	2024	Published