SRI KRISHNA ARTS AND SCIENCE COLLEGE COIMBATORE
Patent Published Details

S.No	Faculty Name	Title	Patent File Numbers
1.	Dr.S.Devendiran, Dr. T. Veeramanikandasamy, Dr.Ramesh Babu.P	Detection and indication of spotting and bleeding in autistic women during the menstrual cycle using a wearable device	202341041355AG2 :G20
2.	DR.M.Vijayakumar	A study to analyses the pros and cons of women employed in garment industry using the algorithms of machine learning	202341045181 A
3.	Dr. K.S. Jeen Marseline	Machine learning based stress detection device	387701-001
4.	Dr.T.Veeramanikandasamy	Practical electronics (Volume III): Embedded systems with PIC18 microcontrollers	ROC No L-128172/2023
5.	Dr.B.Radha	Bio- engineering strategies for breast cancer diagnosis and therapy treatment	202341049891.00
6.	Ms.S.Suganyadevi	Deep learning-based rapid post-earthquake damage detection of RC resisting-moment frame buildings	202341049037.00
7.	Dr.S.Henry Kishore	AI - assisted personalized teaching device	390175-001
8.	Dr. N.A. Sheela Selvakumari	Sensor based device for managing financial data	6296925.00
9.	Dr.M.Priya, Dr.R.Vijayashree	Enhanced security and intrusion detection for internet of things based smart environment	202321012833.00
10.	Dr.C.Dhanalakshmi	Deep learning - based budgeting and financial techniques used by small and medium- sized enterprises(SMES) during a crisis	202311047400 A
11.	Dr. Kalakumari.T	Automated financial management system for small business owners	391555-001
12.	Mrs.B.Meenapreethi, Dr.C.Sunitha	Digital writing pad for medical recording	IN-UP07510472926793
13.	Ms.G.Sumalatha	Adulteration monitoring device	6322416.00
14.	Ms.M.Raju, Dr.Anurag Aeron,Dr.Pothuraju Rajarajeswari,Mrs.gayathri S	Artificial intelligence (AI) based cloud security detecting device	400296-001
15.	Ms.D.Seema Dev Aksatha	Neural network deep learning(NNDL) in IOT for securing data	202341051945 A
16.	Dr. L. Senthilkumar, Dr.Chandrasekaran .R,Dr.Arunpriya. S,Dr.Veerakumar.K	Circuit breaker analysis and trading strategies in stock market	202341078386 A

17.	Dr.K.Ramasamy, Sunil Kumar, Arulraj. S, Vellingiri. P, amutha Nandhini. A, Veeramani. G, Arunkumar. S, Anbupriya. D, Nathiya. P, Sathishkumar. s	The role of financial attitude in the relationship between financial knowledge and financial behavior	52/2023
18.	Dr.X.Princess Carmel Mary, Jaikumar Manoharan, Senthil Kumar Pongaliappan, Sathya Ramasamy, Banupriya Chinna Venkitasamy, Chandra Paul Sundaram, Princess Carmel Mary Xavier, Ranjani Rathinasamy, Sulochana Veerabadran	Medicine expiry detector	6341997
19.	Mr.M.Selvam, O.M. Saravanakumar,Rajesh A.P	Artificial Intelligence-enhanced prosthetic limb for intuitive operation and sensory feedback	202341077087A
20.	Dr.S.Henry Kishore, 1.Dr. M.H. Mohamed Rafiq 2. Dr. K. Kumar 3.Dr. S. Abdullah Shah 4.Dr. A. Thenmozhi 5.Dr. K. Mangayarkarasi 6.Mrs. K. Sathya 7.Dr. M. Manimozhi 8.Mr. K. Nazar Husen 9.Dr. M. Mujiburrahman 10.Dr. S. Henry Kishore	Braille to speech conversion device	400077-001
21.	Dr.M.Pushpalatha, Dr. Gajendran Srihari,Dr. Rakatu Vijaya Lakshmi,Dr. Nagalakshmi Muralidharan,Dr.Padmini Ramakrishnan,Mahesh Sudhakar Naik	Smart e-learning display device	6342878
22.	Dr.T.Veeramanikandasamy	Literary work focusing on the theoretical and practical aspects of designing digital systems using VHDL (VHSIC Hardware Description Language)	ROC No. L-143177/2024
23.	Dr. S. Shankar, Dr. Shankar S,Dr. B.Vasudevan,Dr. N.Duraichi M,Dr. Mallikarjun Muglir. Narayan Krishan Vyas,Mr. Subramanian.M	Intelligent approach to positioning of wifi mesh routers for improved quality of service	202341082266A
24.	Ms. K.P. Malarkodi	Smart wireless electric truck	404478-001
25.	Mrs. M. Jenifer	Wireless heart rate monitor wireless	404476-001
26.	Dr.R.Shiji, Dr.Akhil goyal,Dr.shantanu ganguly,Dr.Anita Choudhary,Dr.Vivek sharma,Deepak tiwari, Mr.Adithya khandewe,Dr.G.Bijeesh pushpa,Dr.M.V.K.Srinivasa rao,Mr.J.Logeshwaran,Mr.Ramakanth dasari	Analysis of consumer behavior and purchase decision making on e-commerce product during pandemic time	202341055026
27.	Dr.R.Shiji, dr. R. Shiji,mr. Mohit gundwal,dr. G. Sathiyamoorthy,dr.s.mekala,ms.v.priyan ka,mr.j logeshwaran,dr.s.kumar,dr.d.muthukris hnaveni ,dr. S kalyan,dr.a.balagurusamy,mr.s.ganesan ,mrs. Menda sreevani	Analysis the effect of flood for transportation of ecommerce in India	202441007398
28.	Mr.J.Jelsteen, Dr.Yuvaraj Kunnathur Periyasamy, Saravana Prakash Dhanabal, Dr.Manikandan Sundaram,	Intelligent Thyroid Health Monitoring Device	6359564.00

	Gayathri Ulaganathan, Jacob Jelsteen, Gnanasigamani JegatheeshKumar, Shobana Alagarsamy		
29.	Dr.H.VigneshRamamoorthy	Mobility Assisted OTA working out for backscatter sensor Networks using Machine Learning	202041025334
30.	Dr. M. Renuka Devi P.Santhanalakshmi	Quality Image Analysis Of CardioVascular Disease Prediction Using Deep Learning (Australia)	20211031692
31.	Dr.S.Devaraju	A Novel Multi-Level Optimization ForTask Scheduling And Load Balancing In Cloud(Australia)	202110324945
32.	Dr.S.SaraswathiK.P.Malarkodi M.Jenifer A.Abdul Fiaz	Implementation of Innovative CAD/CAE Design Tools in Engineering – Education :A Modern Approach To Industrial Design	202111051972
33.	Dr.M.Renuka Devi	Quality Image Analysis Of CardiovascularDisease Prediction Using Deep Learning	202111058532 A
34.	Mrs.V.Aarthi Agnihothri	Deep Learning Based Intuitive Cognizance for Socialization Process	2021106399
35.	Dr.J.Lekha	A User Voice Recording And Modification System Based On Deep Learning And Method Thereof	202121052412
36.	Dr.S.Jawahar	General Machine Learning Model For Access Point Placement In Re Configurable Wireless Networks(India)	202141017934
37.	Dr.H.VigneshRamamoorthy	A Vehicle Simulation Tool by providingWSN inside the Vehicle with AI and ML based Interfaces	202141024465
38.	Dr.S.Devaraju	A System and Method for Data Encryption between IOT Smart Devices and aNetwork	202141030003

		Gateway(India)	
39.	U.Prathibha	Cognitive Model Based Psychological Analysis	202041035451
40.	Dr.B.Radha	Design and Implementation of Smart Human Recognition and Counting System Based on Deep Learning and Computer Vision	202141044765
41.	Dr.B.Radha	Image Processing Based Number Plate Identification System To Monitor the movement of vehicles	202141045327
42.	Dr.P.Logeswari	Deep Learning And Wireless Based Energy Efficient Autonomous System For Pollution Control In E-Cities	202141051866
43.	Dr.P.R.Brinda Kalyani Dr.M.Dileep Kumar Ms.Sai Sudha Gadde	Real Time GPS Enabled Fleet Management System	202141056895
44.	S.Kowsalya R.Surya Prabha	Deep Learning based COVID findingusing Densenet in Computerized tomography (CT) scan	202141059998
45.	Dr. M. Renuka DeviDr.P.Logeswari	Land use and Land Cover classificationusing RGB&L Based supervised classification algorithm	202141060805
46.	M.Kundalakesi , A.Kaveri, Dr. M. Priya& Dr. R. Vijayashree	A Smart machine learning based predictivesystem to analyse the performance of Employees	202241006282
47.	Dr.T.Veeramanikandaswamy Dr.P.Rameshbau Dr.N.P.Subramaniyan Dr.S.Deivendran Mr.D.AntonyPradeesh	An Internet of Things(IoT) based IndoorAir Quality Monitoring and Control Systems	202241006541
48.	Dr.M.Vidya	A machine learning based approach to study the social sustainability of an organisation	202241006459
49.	Mr. J. Jelsteen	Artificial Intelligence Based Technique ToAnalyse The Intrusion In Wireless Sensor Networks	202241006798A

50.	Ms.S.Thennammai, Dr.R.Sangeetha, Dr.K.Vanaja	Artificial Intelligence Based Technique ToIdentify The Medicine Names And Their Contents	202241006799
51.	B.Hemalatha	An image processing based technique tohelp HR predict the pulse of working environment	202241008813
52.	Dr.P.Radhakrishnan , Dr.C.Thiyaneswaran & Dr.M.Vijayakumar	A Smart Dupont framework for handing return on equity in banks	202241007422A
53.	Mrs.K.P.Malarkodi,Mrs.M.Jenifer	Enhanced Communication for Mobiles	202241011741
54.	Abirami.N, Dr.R.Sangeetha &Dr.K.Vanaja	A Machine learning based approach to study the mental health of humans	202241011194A
55.	Dr. C. Dhanalakshmi	A novel approach to identifying patterns inthe stock market price movements using artificial neutral network and data mining techniques	20223102304
56.	Dr. C. Dhanalakshmi	A systematic approach to study and analyse the characteristics of employees ofan organistaion based on their emotional intelligence quotient	202241023911
57.	Mrs.V.A.RinseyAntony Ms. M. Bhargavi	Sustainable Environment friendly clayproducts designed with advanced technologies	202241028964
58.	Mrs.V.A.RinseyAntony Ms.P.Preetha	Natural Paper products using banana fiber	202241031765
59.	Dr.Devika RaniDhivya	Artificial Intelligence and IOT based smarthealth care system to prevent and detect alltypes of Heart disease or chances of heart attack and diagnose at early stage using image processing data mining and Deep learning algorithms	202241053098
60.	Dr.Reena	Application on Challenges of curriculum Design and Evaluation	
61.	Dr. Maria Williams	IoT based vehicle device for driver drowsiness detection	6278844 (UK)

| 62. | Dr. Brinda Kalyani P R | Extended Reality-Enabled Decision Support System (XR-DSS) for remote real estate Investment Evaluation | 202541124639 |