Sri Krishna College of Engineering and Technology Coimbatore
Patent details for the Year 2022-2023

Patent Details

Sl. No.	Patent Details	Patent status	Patent No.	Date of Award
1	Plastering Tool for rounding wall corners R. Vighnesh, M. R. Ezhil Kumar, A. Aswin Bharath and S. Ramakrishnan	Published	202241004825	02-02-2022
2	Low-Cost potable water purifier V. Yogeshwaran & M.R. Ezhilkumar	Published	202241015663 A	15/04/2022
3	Machine Learning Based HR Automation Technique for better functioning of an Organization Dr. S. Venkata Lakshmi	Published	202241008523 A	18.02.2022
4	AI based Prediction and Analysis of Key Performance Indicators (KPI) For Students using Data Science Dr. S. Venkata Lakshmi Dr.J Janet Dr.T.Sujatha Dr.A.Sajeev Ram Dr.B.Kiruba	Published	202241008735 A	04.03.2022
5	Systems for remote monitoring and diagnostics of cyber/network security through machine learning Dr.J.Janet,Dr.S.Balakrishnan, Dr.P.Kavitha Rani, Dr.S.Venkata Lakshmi, Dr.P.Mohankumar	German patent - Granted	20 2022103 041	08.06.2022
6	5G ULTRA-DENSE CELLULAR COMMUNICATION NETWORKS 1. Dr.AjaykumarManilal Patel 2 . Dr .KetankumarDahyalal Patel 3 . Dr. HiralRajendrakumar Patel 4 . Mr. Amitkumar Baldevbhai Suthar 5 . Dr. V.Kannan 6 . Dr Chamandeep Kaur 7 . Dr V M Gobinath 8 . Dr.V.Nandalal 9 . Dr. Manikandan.T 10 . Dr.B.KANAMMAI	Published	202221001141 A	11.03.2022

7	NOVEL THERMOGRAPHIC SCREENING WEARABLE GOGGLES 1)Ms. B. Anishfathima 2)Ms. S. Shrinithi 3)Ms. S. Srivarshini 4)Ms. B. Vidhya 5)Ms. H. Muneera Begum 6)Ms. C. Bagavathi 7)Ms. G. Saranya 8)Mr. J.R. Dinesh Kumar 9)Vignesh.T	Published	202241014191 A	25.03.2022
8	Blockchain based Electronic record for Healthcare monitoring system Ms.G.Shobana	Published	202241015271 A	19/03/22
9	Photovoltaic Power Generation Structure with safety Diagnosis based on IoT Dr. K. C. Ramya	Published	202241011736 A	25.03.2022
10	AUTOMATIC OXYGEN LEVEL MONITORING SYSTEM FOR CLOSED AIR CONDITIONING AREAS INDIRAPRIYADHARSHINI.J	Published	202241011252 A	03/25/2022
11	GAS LEAKAGE DETECTION AND ALERT SYSTEM IN SAFETY CONTROL OF INDUSTRY 4.0 USING IOT TECHNOLOGY Dr.S.Balakrishnan	Granted	2021103493	09.03.2022
12	AN INTELLIGENT CONCRETE MIXTURE SYSTEM WITH PREDICTION OF MIXTURE STRENGTH USING DEEP LEARNING Dr. Oswalt Manoj S	Granted	396951	17.05.2022
13	A Pattern for Space Conservative Fingerprint Sensor Embedded in Mobile Logo Dr.S.Balakrishnan	Published	201941045679	11/29/2022
14	A Design and Method for Automatic Pet Watering and Food Feeding System Using IOT Dr.S.Balakrishnan	Published	201941051992	12/20/2019
15	Machine Learning based Patients' Illness prediction and automatic Doctor appointment alert Dr. Oswalt Manoj S	Published	202141061326	07/01/2022
16	AI Based Ambulant Toilets Mr.N.Ramachandran	Published	202241010466	18/03/2022
17	IOT Based Smart Monitoring and Control System for Benefit of Hospitals, Industries and Corporate Offices Dr.K.P.Yuvaraj	Published	202241050503	09/09/2022
18	IOT BASED INFANT HEALTH MONITORING SYSTEM Ms. T. Anitha	Published	202241009073	04.03.2022
19	METHOD TO ENHANCE THE PERFORMANCE OF PRINCIPAL COMPONENT SCIENCE Ms. T. Anitha	Published	202211006223	11.02.2022
20	System to carry over the campaign conducively S. PRADEEP	Published	202241017968 A	15.04.2022

21	Capsule robo to track the leakages in water pipelines Ezhilkumar, MR, Yogeshwaran, V, Jesudass, A, and Sadheesh, S,	Published	2.02241E+11	9/16/2022
22	Design and Development of Light weight Self Compacting Concrete Mixture and their Impact on Strength of Buildings P.Saranakumar & S. Ramakrishnan	Published	202241041685 A	7/29/2022
23	Ecological Bacterial Concrete Containing Pseudomonas Fluorescens Bacteria and Calcium Nitrate S. C. Boobalan	Published	2.02241E+11	10/21/2022
24	High Performance Computing (HPC) integration of IOT and Big Data Analytics Design and Experimental Evaluation of HPDA Framework for escience at scale Dr.D.Rasi	Published	2.02211E+11	26.08.2022
25	AI BASED AUTOMATIC SEA/LAKE CLEANING ROBOT M.VENGATESHWARAN	Published	2.02241E+11	4.11.2022
26	Machine Learning based approach to predict the impact of Covid 19 pandemic on Financial Management of an Educational Institutions. Dr S Venkata Lakshmi	Published	202221040854A	30.09.2022
27	BLOCKCHAIN BASED DECENTRALIZED E-COMMERCE APPLICATION Sri Krishna College of Engineering and Technology	Published	202241063768A	11/18/2022
28	Safety Hologramic Room for Women and Girl Child Dr D Mohana Geetha	Published	2.02241E+11	30.09.2022
29	A System for Detection of Psychological Health of the Baby Mr R Sarath Kumar	Published	2.02241E+11	18.11.2022
30	ML based Automatic Abnormal Environment Detection using Smart Surveillance in Banks Dr V Karthik	Published	2.02241E+11	25.11.2022
31	A Hybrid Model of IOT and Cloud Computing to manage big data in smart home services Dr.M.Arunachalam	Published	20241013452A	8/12/2022
32	Automatic Behavior Prediction for Rule Based Data Processing using Machine Learning Dr V Anandkumar	Published	202241049441A	9/9/2022
33	Machine Learning Based Crop Growth Monitoring System Dr V Anandkumar	Published	202211053921	9/30/2022
34	Robotics for Child Rescue from Borehole using Internet of Things Dr.A.Kousalya Dr.N.Susila Dr.M.Arunachalam Dr.J.Granty Regina Elwin Dr.G.Shobana Ms.U.Ramya Ms.R.Janani Ms.Sruthi Anand Mr.A.M.Ratheesh Kumar	Published	202241054971A	10/7/2022
35	Augmented Reality Classroom Programme Dr.T.Keerthika	Published	202241069823 A	12/9/2022
36	Robotic Application Based Smart and Self Analysis of Electric Vehicles Fault Identification and Reactification Ms.T.Malini	Published	202241048681 A	9/2/2022

37	Artificial Intelligence Based Approach to Design an Engine to Receive Wind Energy and Run the Electric Vehicles Mr. N. Loganathan	Published	202241051820 A	9/16/2022
38	Health and Position Tracker for Mountain Climbers Dr. P. Vinoth Kumar	Published	202241053874 A	9/30/2022
39	Hand Gesture Operated Smart Walker Instrumentation and Health Assessment System Sri Krishna College of Engineering and Technology	Published	202241054921 A	10/7/2022
40	IOT Tool for Monitoring PV Installation Ms.G.Mahalakshmi	Published	202241055937 A	10/7/2022
41	Design Patent - Agricultural Monitoring Robot Dr. G. Radha Krishnan	Published	366003-001	10/21/2022
42	Automatic Scoop Warpping Machine Ms.G.Mahalakshmi	Published	202241064415 A	11/18/2022
43	Thermal legislation of inoculations using a blended source of electricity Dr. S. Sivaranjani	Published	202241051025 A	9/16/2022
44	HUMIDITY DETECTION SENSOR SYSTEM Dr.N.Mithran	Published	202241050764A	9/16/2022
45	AUTOMATIC SCOOP WARPPING MACHINE -	Published	202241064415 A	11/18/2022
46	Agricultural Monitering robot Vignesh T	Published	366003-001	21.10.2022
47	petbot 1. Vignesh T2. Dr. Gypsy Nandi3. Dr. N.A. Natraj4. Dr.C.R.Rathish5. Lal Omega Boro6. Dr. R.Gopinathan7. Dr.K.M.Senthilkumar8. Dr.K.P.Yuvaraj9.	Published	372221-001	1/13/2023
48	Helping Robot 1. Mr. Vignesh T2. DR. D. SELVAKUMAR3. Dr.K.P.Yuvaraj4. MS. N. POORANAM5. Dr.R.GOPINATHAN	Published	357147-001	1/13/2023
49	VIRTUAL LABORATORY FOR SCIENCE SUBJECTS Sri Krishna College of Engineering and Technology	Published	202241070465	12/9/2022
50	VR LEARNING APP FOR SLOW LEARNERS Sri Krishna College of Engineering and Technology	Published	202241070244	12/9/2022
51	Primitive Women Safety using CCTV Surveillance Automation and Intelligent Mobile Application by Vigilant Monitoring of Frames Dr.S.Balakrishnan	Published	202241051810	9/16/2022
52	An Optimal Logistic Vent for International Supply Chain using Block Chain Technology Dr.S.Balakrishnan	Published	202241069813	
53	REVSB - Reflexive Emergency Vehicle Speed Bump Dr.G.Ignisha Rajathi	Published	202241064398	11/25/2022
54	IOT Based Smart Monitoring and Control System for Benefit of Hospitals, Industries and Corporate Offices Dr.K.P.Yuvaraj	Published	202241050503	9/9/2022
55	IOT BASED SMART WATER REGULATION SYSTEM FOR THE BENEFIT OF MUNICIPALITY Dr.K.P.Yuvaraj	Published	202241047539	9/16/2022
56	Solar Powered IOT Based Geo Tag Camera for Crop Monitoring Dr.P.Ashoka Varthanan	Published	202241054905	10/14/2022
57	AN AUTOMATED KASHAYA MAKING MACHINE Mr.N.Ramachandran	Published	202241071665	12/30/2022
58	VIRTUAL LABORATORY FOR SCIENCE SUBJECTS AT SCHOO LEVELS Mr.N.Ramachandran	Published	202241071410	12/30/2022
59	FUEL INJECTOR RELATIVE PERFORMANCE TESTER AND CLEANER Mr.N.Ramachandran	Published	202241075960	12/30/2022
60	SMOOTHING TECHNIQUE FOR SQUARE ROOT EXACT PENALTY FUNCTION IN CONSTRAINED OPTIMIZATION S. PRADEEP	Published	202241029351 A	03.06.2022

61	HUMIDITY DETECTION SENSOR SYSTEM (HDS2) Mr. S. Palani	Published	202241050764A	16.09.2022
62	IOT BASED SMART MONITORING AND CONTROL SYSTEM FOR THE BENEFIT OFHOSPITALS, INDUSTRIES AND CORPORATE OFFICES	Published	202241050503 A	09.09.22
63	A Novel Portable Machine to Sanitize Footwear Anitha T	Published	202241052384	14.10.2022
64	Structural, Optical and Electrical characterization of Nanostructured Porous Silicon. Ms. R. Priyadharsini	Published	202241058689A	04.11.2022
65	Obstacle Avoidance Shoe with Motion Sensors Dr.S.Balakrishnan, Dr.J.Janet, Dr.Kavitharani, Dr.Venkatalakshmi	Granted	360965-001	8/19/2022
66	Systems for monitoring and diagnostics of Cyber/Network security remotely using Machine learning Feature Dr.S.Balakrishnan, Dr.J.Janet, Dr.Kavitharani,	Granted	202022103041	6/8/2022
67	An Internet Of Things-Based Drainage Pipes Cleaning Robot System Dr.S.Balakrishnan, Dr.J.Janet, Dr.Kavitharani, Dr.Venkatalakshmi, Dr.Mohan,	Granted	2022/13006	2/16/2022