

Sri Krishna College of Engineering and Technology
Coimbatore
Department of Computer Science and Business Systems
Patent details

Sl. No.	Dept	Patent Application No.	Status of Patent (Published .	Inventor.s Name	Title of the Patent	Applicant.s Name	Patent Filed Date	Patent Published	Patent Publication Number . Patent Granted Number	Assignee.s Name (Institute
1	CSBS	201941022560	Published	Dr.S.Balakrishnan	IOT Based Intelligent Acoustician Microphone	Dr.S.Balakrishnan	02.06.2019	6.14.2019	201941022560	SKCET
2	CSBS	201941030470	Published	Dr.S.Balakrishnan	Smart Walking Aid For Visually Challenged using GPS	Dr.S.Balakrishnan	02.10.2019	8.16.2019	201941030470	SKCET
3	CSBS	201941036273	Published	Dr.S.Balakrishnan	Water Inundation Catastrophe Monitoring and Alert System	Dr.S.Balakrishnan	02.10.2019	10.18.2019	201941036273	SKCET
4	CSBS	201941036274	Published	Dr.S.Balakrishnan	A Method And System For Controlling Deforestation	Dr.S.Balakrishnan	02.10.2019	10.18.2019	201941036274	SKCET
5	CSBS	201941045678	Published	Dr.S.Balakrishnan	Design of Personal Assistant System for Dyspraxia Affected Patients	Dr.S.Balakrishnan	21.11.2019	11.29.2019	201941045678	SKCET
6	CSBS	201941002153	Published	Dr.S.Balakrishnan	IOT Based Wheel Chair for the Disabled and Elderly in a cloud based Environment	Dr.S.Balakrishnan	10.01.2019	20.12.19	201941002153	SKCET
7	CSBS	201941054593	Published	Dr.S.Balakrishnan	A Design and Development of Smart Aquaculture System in a Cloud Environment using IoT	Dr.S.Balakrishnan	01.10.2020	1.24.2020	201941054593	SKCET
8	CSBS	201941054595	Published	Dr.S.Balakrishnan	IoT based Train Monitoring System Through Data Acquisition Techniques	Dr.S.Balakrishnan	02.10.2020	1.24.2020	201941054595	SKCET
9	CSBS	202041007642	Published	Dr.S.Balakrishnan	Design Of Digital Acoustic Tracker For Cross Road Vehicle Management System	Dr.S.Balakrishnan	24.02.2020	4.24.2020	202041007642	SKCET
10	CSBS	202041007643	Published	Dr.S.Balakrishnan	IoT Enabled Optimization Scheme For Fishery Management System	Dr.S.Balakrishnan	12.04.2020	4.24.2020	202041007643	SKCET
11	CSBS	202041049905	Published	Dr. G. Ignisha Rajathi	A Quality of Service Load Balanced Connected Dominating Set Stochastic Diffusion Search (CDSSDS) Network Backbone for MANET	Dr. G. Ignisha Rajathi	03.11.2020	11.27.2020	202041049905	SKCET
12	CSBS	202041045223	Published	Dr. G. Ignisha Rajathi	Sensor Based UAV Mapping for Precision Agriculture	Dr. G. Ignisha Rajathi	10.10.2020	10.30.2020	202041045223	SKCET
13	CSBS	202041047439	Published	Dr. S. Oswalt Manoj	Lip movement based visual speech recognition device for automatic documentation in built with digital Camera	Dr. S. Oswalt Manoj	30.10.2020	11.06.2020	202041047439	SKCET
14	CSBS	202041036811	Published	Dr.S.Balakrishnan	IoT Enabled Water Level and Quality Monitoring System for Lake	Dr.S.Balakrishnan	01.11.2020	09.11.2020	202041036811	SKCET
15	CSBS	202041036812	Published	Dr.S.Balakrishnan	IoT Enabled Computational Analysis of Soil Yield and Fertilizer Analysis	Dr.S.Balakrishnan	24.10.2020	09.11.2020	202041036812	SKCET
16	CSBS	202041053085	Published	Dr.S.Balakrishnan	Smart Digitech Pen Apparatus Design for Human Handwriting Replica Hands.Free From Audio or Soft Copy of Typed Text	Dr.S.Balakrishnan	26.10.2020	12.11.2020	202041053085	SKCET
17	CSBS	202041054169	Published	Dr.S.Balakrishnan	IoT Based Garbage Pail Monitoring System	Dr.S.Balakrishnan	01.12.2020	12.18.2020	202041054169	SKCET
18	CSBS	202041054170	Published	Dr.S.Balakrishnan	IoT Based Street Light Monitoring System	Dr.S.Balakrishnan	01.12.2020	12.18.2020	202041054170	SKCET
19	CSBS	202021050705	Published	Dr.S.Balakrishnan	IoT Based Plant Disease Detection Using Support Vector Machine Algorithm	Dr.S.Balakrishnan	05.12.2020	12.25.2020	202021050705	SKCET
20	CSBS	339519	Published	Dr.S.Balakrishnan	SoS Vibration Sensor Headset	Dr.S.Balakrishnan	Nil	22.02.2021	339519	SKCET
21	CSBS	340660	Published	Dr.S.Balakrishnan	Bore Hole SoS . Grip Antech Rescue Device	Dr.S.Balakrishnan	Nil	13.03.2021	340660	SKCET
22	CSBS	2020102608	Granted	Dr.S.Balakrishnan	NEXT GENERATION FRAMEWORK FOR SMART BUILDING MONITORING USING 6LOWPAN	Dr.S.Balakrishnan	07.08.2020	11.11.2020	2020102608	SKCET
23	CSBS	2020103899	Granted	Dr.S.Balakrishnan	AN INTELLIGENT ACOUSTIC SERENITY USING SELF ADJUSTABLE USER FRIENDLY IOT EMBEDDED MICROPHONE	Dr.S.Balakrishnan	11.11.2020	27.01.2021	2020103899	SKCET
24	CSBS	2021100687	Granted	Dr.S.Balakrishnan	AN INTELLIGENT COST EFFECTIVE MITIGATION OR ALERT SYSTEM FOR FLASH FLOOD CATASTROPHE CONTROL	Dr.S.Balakrishnan	03.02.2021	07.04.2021	2021100687	SKCET
25	CSBS	202141021733	Published	Dr.S.Balakrishnan	A Smart IoT Based Instant Toxic Content Detection System	Dr.S.Balakrishnan	13.05.2021	11.06.2021	201941022560	SKCET

Sri Krishna College of Engineering and Technology
Coimbatore
Department of Computer Science and Business Systems
Patent details

Sl. No.	Dept	Patent Application No.	Status of Patent (Published)	Inventor.s Name	Title of the Patent	Applicant.s Name	Patent Filed Date	Patent Published	Patent Publication Number . Patent Granted Number	Assignee.s Name (Institute)
26	CSBS	202141022931	Published	Dr.S.Balakrishnan	Automated Meticulous Mitigation of Traffic Congestion in Handling Uninterrupted Travel of Emergency	Dr.S.Balakrishnan	22.05.2021	11.06.2021	201941030470	SKCET
27	CSBS	202141024018	Published	Dr.S.Balakrishnan	Prehistorian Indoor Navigation Based on Sensory Invasion for Visually Challenged People	Dr.S.Balakrishnan	29.05.2021	18.06.2021	201941036273	SKCET
28	CSBS	202141025801	Published	Dr.S.Balakrishnan	Design of Early Warning System based on controlling Thermal Factors for Vehicle Safety using Sensors in a Cloud Environment	Dr.S.Balakrishnan	10.06.2021	25.06.2021	201941036274	SKCET
29	CSBS	202141025992	Published	Dr.S.Balakrishnan	Alpha CEVA . A Masterpiece Technology in Agricultural Monitoring System Using IoT	Dr.S.Balakrishnan	11.06.2021	02.07.2021	201941045679	SKCET
30	CSBS	202141035459	Published	Dr.S.Balakrishnan	A Real.Time Amateur Sensory Tracker with Extensive Spans of Mitigative and Recovery Operations in Emergencies	Dr.S.Balakrishnan	06.08.2021	13.08.2021	201941045678	SKCET
31	CSBS	2021103493	Granted	Dr.S.Balakrishnan	GAS LEAKAGE DETECTION AND ALERT SYSTEM IN SAFETY CONTROL OF INDUSTRY 4.0 USING IOT TECHNOLOGY	Dr.S.Balakrishnan	18.01.2022	09.03.2022	2021103493	SKCET
32	CSBS	396951	Granted	Oswalt Manoj S	AN INTELLIGENT CONCRETE MIXTURE SYSTEM WITH PREDICTION OF MIXTURE STRENGTH USING DEEP LEARNING	Dr. Oswalt Manoj S	21.02.2022	17.05.2022	396951	SKCET
33	CSBS	201941045679	Published	Dr.S.Balakrishnan	A Pattern for Space Conservative Fingerprint Sensor Embedded in Mobile Logo	Dr.S.Balakrishnan	12.11.2022	29.11.2022	201941045679	SKCET
34	CSBS	2021102408	Granted	Dr.S.Balakrishnan	A ROBOTIZED IRRIGATIVE WATER SUPPLY TREATMENT FRAMEWORK USING IOT SENSORY DEVICES	Dr.S.Balakrishnan	05.04.2021	09.06.2021	2021102408	SKCET
35	CSBS	201941051992	Published	Dr.S.Balakrishnan	A Design and Method for Automatic Pet Watering and Food Feeding System Using IOT	Dr.S.Balakrishnan	02.12.2022	12.20.2019	201941051992	SKCET
36	CSBS	202141061326	Published	Dr. Oswalt Manoj S	Machine Learning based Patients' Illness prediction and automatic Doctor appointment alert	Dr. Oswalt Manoj S	01.07.2022	01.07.2022	202141061326	SKCET
37	CSBS	202241051810	Published	Dr.S.Balakrishnan	Primitive Women Safety using CCTV Surveillance Automation and Intelligent Mobile Application by Vigilant Monitoring of Frames	Dr.S.Balakrishnan	11.09.2022	16.09.2022	2.02241E+11	SKCET
38	CSBS	202241056615	Published	Dr.S.Balakrishnan	A Universal Agri Command Centre using Robotic Computer Vision Thermal Imaging Technique	Dr.S.Balakrishnan		14.10.2022	2.02241E+11	SKCET
39	CSBS	202241069813	Published	Dr.S.Balakrishnan	An Optimal Logistic Vent for International Supply Chain using Block Chain Technology	Dr.S.Balakrishnan	03.12.2022		2.02241E+11	SKCET
40	CSBS	202241064398	Published	Dr.G.Ignisha Rajathi	REVSb . Reflexive Emergency Vehicle Speed Bump	Dr.G.Ignisha Rajathi	10.11.2022	25.11.2022	2.02241E+11	SKCET
41	CSBS	345117.001	Granted	Dr.S.Balakrishnan, Dr.K.C.Ramya	Solar Powered CCTV Camera	Dr.S.Balakrishnan, Dr.K.C.Ramya	22.06.2021	24.06.2022	345117.001	SKCET
42	CSBS	360965.001	Granted	Dr.S.Balakrishnan, Dr.J.Janet, Dr.Kavitharani, Dr.Venkatalakshmi	Obstacle Avoidance Shoe with Motion Sensors	Dr.S.Balakrishnan, Dr.J.Janet, Dr.Kavitharani, Dr.Venkatalakshmi	21.03.2022	19.08.2022	360965.001	SKCET
43	CSBS	340660.001	Granted	Dr.S.Balakrishnan, Dr.J.Janet, Dr.G.Ignisha Rajathi	Bore Hole SoS . Grip Antech Rescue Device	Dr.S.Balakrishnan, Dr.J.Janet, Dr.G.Ignisha Rajathi	13.03.2021	02.12.2022	340660.001	SKCET
44	CSBS	202022103041	Granted	Dr.S.Balakrishnan, Dr.J.Janet, Dr.Kavitharani, Dr.Venkatalakshmi, Dr.Mohan	Systems for monitoring and diagnostics of Cyber.Network security remotely using Machine learning Feature	Dr.S.Balakrishnan, Dr.J.Janet, Dr.Kavitharani, Dr.Venkatalakshmi, Dr.Mohan	30.05.2022	08.06.2022	2.02022E+11	SKCET

Sri Krishna College of Engineering and Technology
Coimbatore
Department of Computer Science and Business Systems
Patent details

Sl. No.	Dept	Patent Application No.	Status of Patent (Published)	Inventor.s Name	Title of the Patent	Applicant.s Name	Patent Filed Date	Patent Published	Patent Publication Number . Patent Granted Number	Assignee.s Name (Institute)
45	CSBS	2022.13006	Granted	Dr.S.Balakrishnan, Dr.J.Janet, Dr.Kavitharani, Dr.Venkatalakshmi, Dr.Mohan, Dr.G.Vijaya	An Internet Of Things.Based Drainage Pipes Cleaning Robot System	Dr.S.Balakrishnan, Dr.J.Janet, Dr.Kavitharani, Dr.Venkatalakshmi, Dr.Mohan, Dr.G.Vijaya	15.01.2022	16.02.2022	2022.13006	SKCET