

**Sri Krishna College of Engineering and Technology
Coimbatore**

Publication details for the Year 2021-2022

S.N	DEPARTMENT	SCOPUS/WOS	National Conference / International Conference / National Journal / International Journal	Name of Faculty Member	Name of the Research Paper	Month of Publication	Year of Publication	Name of the Journal	Indexed (YES/NO)
1	CIVIL	SCOPUS/WOS	International Conference	D. Maruthachalam	Experimental investigation on grades of cement in the nominal and design concrete mixes	November	2021	Journal of Physics: Conference Series	YES
2	CIVIL	SCOPUS/WOS	international journal	P.Saravanakumar	Mechanical properties of recycled aggregate concrete treated by variation in mixing approaches	August	2021	Journal of Construction	YES
3	CIVIL	SCOPUS/WOS	international journal	P.Saravanakumar	Properties of concrete having treated recycled coarse aggregate and slag	August	2021	Journal of Construction	YES
4	CIVIL	SCOPUS/WOS	international journal	P.Saravanakumar	Enhancing the quality of recycled coarse aggregates by different treatment techniques – a review	September	2021	Environmental Science and Pollution Research, SpringerNature	YES
5	CIVIL	SCOPUS/WOS	international journal	P.Saravanakumar	Performance enhancement of recycled aggregate concrete - An experimental study	January	2022	Applied Science and Engineering Progress	YES
6	CIVIL	SCOPUS/WOS	International Conference	S. Ramakrishnan	Investigation on Retrofitting of Reinforced Concrete Beam with Glass Fiber and Banana Fiber Mat	August	2021	Materials Research Proceedings	YES
7	CIVIL	SCOPUS/WOS	International Conference	S. Ramakrishnan	Experimental investigation of geopolymers concrete	January	2022	AIP Conference Proceedings	YES
8	CIVIL	SCOPUS/WOS	International Journal	R. Chandra Devi	City based spatial and temporal investigation of Groundwater and Soil Quality along Noyyal River, Seasonal and vertical characteristics of particulate and elemental concentrations along diverse street canyons in	September	2021	Journal of the Geological Society of India	YES
9	CIVIL	SCOPUS/WOS	International Journal	M.R.Ezhilkumar	Experimental studies on the removal of heavy metal ion concentration using sugarcane bagasse in batch	July	2021	Environmental Science and Pollution Research, SpringerNature	YES
10	CIVIL	SCOPUS/WOS	International Journal	V. Yogeshwaran	Investigation of mechanism of heavy metals (Cr6+, Pb2+ & Zn2+) adsorption from aqueous medium using rice husk ash. Kinetic and thermodynamic approach	June	2021	Desalination and Water Treatment	YES
11	CIVIL	SCOPUS/WOS	International Journal	V. Yogeshwaran	Study on psychological performance of occupant in Indian buildings influenced by human comfort and indoor air quality	January	2022	Chemosphere (Elsevier)	YES
12	CIVIL	Scopus	International Conference	G. Preethi	Effect of indoor air quality on human health-A review	October	2021	AIP Conference Proceedings	YES
13	CIVIL	Scopus	International Conference	G. Preethi	Importance of Radon Assessment in Indoor Environment-a Review	October	2021	AIP Conference Proceedings	YES
14	CIVIL	Scopus	International Conference	G. Preethi	Investigational Study on the influence of Lime and Coir Fiber in the Stabilization of Expansive Soil	January	2022	Materials Today: Proceedings	YES
15	CIVIL	Scopus	International Conference	S. C. Boobalan	Comparative Study on the Behavior of Fiber Reinforced Concrete	January	2022	Materials Today: Proceedings	YES
16	CIVIL	Scopus	International Conference	S. Ramakrishnan	Experimental Study on Practice of Cement treated Subbase (CTSBS) Layer in Flexible Pavement of National	May	2022	Materials Research Forum LLC	Yes
17	CIVIL	Scopus	International Conference	S. Ramakrishnan	Study on Controlled Low Strength Materials using GGBS with Dredged Soil and M-Sand, Materials Research	May	2022	Materials Research Forum LLC	Yes
18	CIVIL	Scopus	International Conference	S. Ramakrishnan	Experimental studies on partial replacement of E-waste and Blast Furnace Slag in concrete	February	2022	Materials Today: Proceedings	Yes
19	CIVIL	Scopus	International Conference	V. Yogeshwaran	Treatment of Brackish water using acrylic solar still with concentrating dish	March	2022	Indian Journal of Environmental Protection	Yes
20	CIVIL	Scopus	International Journal	V. Yogeshwaran	Investigation of mechanism of metal ions adsorption from aqueous solutions using prosopis juliflora roots: Batch and fixed bed column studies	March	2022	Global Nest Journal	Yes
21	CIVIL	Scopus	International Journal	V. Yogeshwaran	Studies on Green Concrete - A Review	April	2022	Materials Today: Proceedings	Yes
22	CIVIL	Scopus	International Conference	S. C. Boobalan					

**Sri Krishna College of Engineering and Technology
Coimbatore**

Publication details for the Year 2021-2022

S.N	DEPARTMENT	SCOPUS/WOS	National Conference / International Conference / National Journal / International Journal	Name of Faculty Member	Name of the Research Paper	Month of Publication	Year of Publication	Name of the Journal	Indexed (YES/NO)
23	CIVIL	Scopus	International Conference	S. C. Boobalan	A Comprehensive Review on the Influence of Natural Materials in Soil Stabilization	May	2022	Materials Research Forum LLC	Yes
24	CIVIL	Scopus	International Conference	A. Jesudass	Optimization of Embedded Energy and Operational Energy of School Design by Comparing Conventional and Sustainable Material Configurations	April	2022	Materials Today: Proceedings	Yes
25	ECE	Scopus & WoS	International Journal	Dr.D.Selvakumar	A novel visible light active rare earth doped TiO ₂ nanoparticles decorated reduced graphene oxide sheets for the remediation of cationic dye from wastewater	September	2021	Chemosphere	Yes
26	ECE	Scopus & WoS	International Journal	Dr.D.Mohana Geetha	An efficient privacy-preserving model based on OMFISA for query optimization in crowdsourcing	July	2021	Concurrency Computation, John Wiley and Sons Ltd	Yes
27	ECE	Scopus & WoS	International Journal	Mr.J.R.Dinesh Kumar	An experimental investigation to spotting the weeds in rice field using deepnet	March	2021	Elsevier - Materials Today Proceedings	Yes
28	ECE	Scopus & WoS	International Journal	Dr. S.Sophia	Analysis of advanced BIST methods for three dimensional mesh NOCs router assessment	Jan	2021	Elsevier - Materials Today Proceedings	Yes
29	ECE	WoS Only	International Journal	Dr. M. Karpagam	Analysis of Machine Learning Techniques for Agriculture Crop Predicting System	October	2021	Drugs and Cell Therapies in Hematology	Yes
30	ECE	Scopus & WoS	International Journal	Ms. D. Devi	Brain wave based cognitive state prediction for monitoring health care conditions	October	2020	Elsevier - Materials Today Proceedings	Yes
31	ECE	Scopus & WoS	International Journal	Dr.R.Senthil Ganesh	Cloud Server Based Smart Home Automation and Power management (Materials Today Proceeding)	December	2020	Elsevier - Materials Today Proceedings	Yes
32	ECE	Scopus & WoS	International Journal	Mr. R.Sarath Kumar	CNN & LSTM using python for automatic image captioning	December	2020	Elsevier - Materials Today Proceedings	Yes
33	ECE	Scopus & WoS	International Journal	Mr. S.P.Karthi	Depression Detection Using Data Mining Algorithms from social Media context	March	2021	Elsevier - Materials Today Proceedings	Yes
34	ECE	WoS Only	International Journal	Dr.M.Ramkumar	Determination of Critical Output based on minimum Invasive Impedance	November	2021	International Journal of Aquatic Science	Yes
35	ECE	Scopus & WoS	International Journal	Ms S.M.Asha Banu	Early Stage Breast Cancer Detection Using Wearable Health Diagnosis System	December	2021	Journal of Medical Imaging and Health informatics	Yes
36	ECE	Scopus & WoS	International Journal	Dr.D.Mohana Geetha	Efficient key management system based lightweight in IOT devices	October	2021	Intelligent Automation & Soft Computing	Yes
37	ECE	Scopus & WoS	International Journal	Ms.K.Priyadharsini	Elegant method to improve the efficiency of remotely located solar panels using IoT	June	2021	Elsevier - Materials Today Proceedings	Yes
38	ECE	Scopus & WoS	International Journal	Dr. S.Sasipriya	Hybrid QoS-DCA based router in MANETS and Implementation of EEQRPI-MRP Protocol for Interference Mitigation	November	2020	Elsevier - Materials Today Proceedings	Yes
39	ECE	Scopus & WoS	International Journal	Mr. C.Visvesvaran	Improved performance of grid connected converters using PCB- embedded transformer	July	2021	Elsevier - Materials Today Proceedings	Yes
40	ECE	Scopus & WoS	International Journal	Dr.D.Selvakumar	Metal oxide-grafted graphene nanocomposites for energy storage applications	October	2021	Emergent Materials	Yes
41	ECE	Scopus & WoS	International Journal	Ms.G.Saranya	Micro logging supported classroom during COVID-19 pandemic situation for classification of relevant and irrelevant content	July	2021	Elsevier - Materials Today Proceedings	Yes
42	ECE	Scopus & WoS	International Journal	Dr. S.Sophia	Intelligent Redundant Discrete wavelet transform (IWL-RDWT) and Optimal Red Deer Algorithm (ORDA)	September	2021	Wireless Personal Communications	Yes
43	ECE	Scopus & WoS	International Journal	Dr.R.Senthil Ganesh	Control Approach to Mitigate the Effect of ICI, RFI and Performance Analysis of Efficient Video Transmission Using EvalSVC, EvalVid-NT, EvalVid	July	2021	Elsevier - Materials Today Proceedings	Yes
44	ECE	Scopus & WoS	International Journal	Dr. M. Karpagam	Reduction in information loss due to isolated and dumb nodes using ant 4 colony optimization for WSN	December	2020	Elsevier - Materials Today Proceedings	Yes

**Sri Krishna College of Engineering and Technology
Coimbatore**

Publication details for the Year 2021-2022

S.N	DEPARTMENT	SCOPUS/WOS	National Conference / International Conference / National Journal / International Journal	Name of Faculty Member	Name of the Research Paper	Month of Publication	Year of Publication	Name of the Journal	Indexed (YES/NO)
45	ECE	Scopus & WoS	International Journal	Dr.D.Mohana Geetha	Smart fertilizer management system based on IoT chlorophyll meter	December	2020	Elsevier - Materials Today Proceedings	Yes
46	ECE	Scopus & WoS	International Journal	Dr. M. Karpagam	Smart Parking Guidance System Using RASPBERRY - PI	Dec	2020	Elsevier - Materials Today Proceedings	Yes
47	ECE	Scopus Only	International Conference	Dr.A.Albert Raj	5G modulation Techniques - A systematic Literature survey	October	2021	Virtual international Conference on Futuristic Communication and Network technologies	Yes
48	ECE	Scopus Only	International Conference	Dr. S.Sophia	A Classifier of MR Brain Images through KSVM Optimized with Principal Component Analysis	June	2021	2021 7th International Conference on Advanced Computing and Communication Systems (ICACCS)	Yes
49	ECE	Scopus Only	International Conference	Mr.J.R.Dinesh Kumar	A Deep Learning Based Multi-model for Early prognosticate of Alzheimer's Dementia using MRI Dataset	Novmber	2021	2021 2nd International Conference on Smart Electronics and Communication (ICOSEC)	Yes
50	ECE	Scopus Only	International Conference	Ms. D. Devi	A Novel method to detect Disease in leaf using Deep Learning Approach	June	2021	2021 7th International Conference on Advanced Computing and Communication Systems (ICACCS)	Yes
51	ECE	Scopus Only	International Conference	Ms.K.Priyadharsini	A Systematic AR based ATM model to Enhance Security and Safety	September	2021	ICCES - 2021	Yes
52	ECE	Scopus Only	International Conference	Dr. S.Sasipriya	Accident Alert and Ambulance Tracking System	August	2021	2021 6th International Conference on Communication and Electronics Systems (ICCES)	Yes
53	ECE	Scopus Only	International Conference	Ms.D.Ruth Anita Shirley	An Arduino-Based Robotic Arm with Speech Recognition	September	2021	ICCES - 2021	Yes
54	ECE	Scopus Only	International Conference	Ms.K.Priyadharsini	An Experiment Analysis on Tracking and Detecting the Vehicle Speed Using Machine Learning and IOT	Novmber	2021	2021 Smart Technologies, Communication & Robotics (STCR)	Yes
55	ECE	Scopus Only	International Conference	Dr. M. Karpagam	An IoT-enabled WSN environment for FoG-Assisted Aggregation Methodology	Novmber	2021	2021 2nd International Conference on Smart Electronics and Communication (ICOSEC)	Yes
56	ECE	Scopus Only	International Conference	Mr.J.R.Dinesh Kumar	Analysis of CNN Model based Classification of Diabetic Retinopathy Diagnosis	July	2021	2021 2nd International Conference on Secure Cyber Computing and Communications (ICSCCC)	Yes
57	ECE	Scopus Only	International Conference	Ms S.M.Asha Banu	Arduino Base Ultrasonic Map -Maker	August	2021	2021 6th International Conference on Communication and Electronics Systems (ICCES)	Yes
58	ECE	Scopus Only	International Conference	Mr. S.P.Karthi	Arduino based Crizon Gas Detector System	January	2022	5 th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2021	Yes
59	ECE	Scopus Only	International Conference	Ms. N.Nanthini	Arduino powered Smart Weather Monitoring System	September	2021	Book):2 nd International Conference on Electronics and Sustainable Communication Systems(ICESC 2021)	Yes
60	ECE	Scopus Only	International Conference	Ms.H.Muneera Begum	Automated Detection of skin and nail disorders using Convolutional Neural Networks	June	2021	ICOEI 2021	Yes
61	ECE	Scopus Only	International Conference	Dr. C. Thirumarai Selvi	Automated Voice Controlled Car Using Arduino with Camera	December	2021	2021 Fifth International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud) (I-SMAC)	Yes
62	ECE	Scopus Only	International Conference	Mr. R.Sarath Kumar	Automatic Fire Fighting Robot using RPI	Novmber	2021	2021 2nd International Conference on Smart Electronics and Communication (ICOSEC)	Yes
63	ECE	Scopus Only	International Conference	Ms. B.Anish Fathima	Biomedical Image Processing with Improved SPIHT Algorithm and optimized Curvelet Transform Technique	June	2021	2021 7th International Conference on Advanced Computing and Communication Systems (ICACCS)	Yes
64	ECE	Scopus Only	International Conference	Dr.R.Senthil Ganesh	Biometrics based Smart and Secured Electronic Voting Machine	Novmber	2021	2021 2nd International Conference on Smart Electronics and Communication (ICOSEC)	Yes
65	ECE	Scopus Only	International Conference	Dr. S.Sophia	Bluetooth Low Energy based Indoor Positioning System using ESP32	October	2021	2021 Third International Conference on Inventive Research in Computing Applications (ICIRCA)	Yes
66	ECE	Scopus Only	International Conference	Dr.M.Ramkumar	Classification of Brain MRI Images using Multi Kernel Support Vector Machines	Novmber	2021	2021 Smart Technologies, Communication & Robotics (STCR)	Yes

**Sri Krishna College of Engineering and Technology
Coimbatore**

Publication details for the Year 2021-2022

S.N	DEPARTMENT	SCOPUS/WOS	National Conference / International Conference / National Journal / International Journal	Name of Faculty Member	Name of the Research Paper	Month of Publication	Year of Publication	Name of the Journal	Indexed (YES/NO)
67	ECE	Scopus Only	International Conference	Dr.A.Albert Raj	CNN based Tyre Life Prediction and Defect Identification System	August	2021	2021 6th International Conference on Communication and Electronics Systems (ICCES)	Yes
68	ECE	Scopus Only	International Conference	Dr. C.Thirumarai Selvi	Deep Convolution Neural Network and Random Forest Algorithm for BCI based Photo Imagery Learning	October	2021	2021 Third International Conference on Inventive Research in Computing Applications (ICIRCA)	Yes
69	ECE	Scopus Only	International Conference	Dr.S.Jayanthi Sree	Deep learning technie for COVID 19 Prediction using CT Scan Images	September	2021	ICESC 2021	Yes
70	ECE	Scopus Only	International Conference	Mr.S.P.Premnath	Design of an Efficient User Interface for Ubiquitous Soft Computing Environment	October	2021	2021 Third International Conference on Inventive Research in Computing Applications (ICIRCA)	Yes
71	ECE	Scopus Only	International Conference	Mr.S.P.Premnath	Design of IoT Network using Deep Learning-based Model for Anomaly Detection	December	2021	2021 Fifth International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud) (I-SMAC)	Yes
72	ECE	Scopus Only	International Conference	Dr.A.Albert Raj	Design of Successive cancellation List Decoding of Polar Codes	August	2021	2021 6th International Conference on Communication and Electronics Systems (ICCES)	Yes
73	ECE	Scopus Only	International Conference	Dr. C.Thirumarai Selvi	Detection and Diagnosis of Fault Using Light-Weighted Midori Blocks	October	2021	Virtual International Conference on Futuristic Communication and Network Technologies	Yes
74	ECE	Scopus Only	International Conference	Dr.A.Albert Raj	Efficient Construction of Successive Cancellation Decoding of Polar Codes using Logistic regression Algorithm	August	2021	9th International Conference on Smart and Intelligent Learning for Information Optimization (CONSILIO 2021) 9-10 July 2021, Hyderabad, India	Yes
75	ECE	Scopus Only	International Conference	Dr. C.Thirumarai Selvi	Encryption and Decryption of Image for Secured Data Transmission	October	2021	Virtual International Conference on Futuristic Communication and Network Technologies	Yes
76	ECE	Scopus Only	International Conference	Ms. N.Nanthini	Face Clustering approach for Crime Rate Reduction in Smart City Development	January	2022	5 th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2021	Yes
77	ECE	Scopus Only	International Conference	Ms. B.Anish Fathima	Fog Assisted Real-Time Coronary Heart Disease Risk Detection in IoT Based Healthcare System	January	2022	EAI BDCC 2020	Yes
78	ECE	Scopus Only	International Conference	Dr. C.Thirumarai Selvi	FPGA based efficient IEEE 754 floating point multiplier for filter operations	August	2021	ICMDCS2021	Yes
79	ECE	Scopus Only	International Conference	Dr.B. Maruthi Shankar	Glaucoma Detection with Fully Convolutional Neural Network using Optic Disc and Segmentation Methods	June	2021	2021 7th International Conference on Advanced Computing and Communication Systems (ICACCS)	Yes
80	ECE	Scopus Only	International Conference	Mr. C.Visvesvaran	Greenhouse Monitoring and Control System based on IOT	November	2021	2021 2nd International Conference on Smart Electronics and Communication (ICOSEC)	Yes
81	ECE	Scopus Only	International Conference	Dr. S.Sophia	Implementation of Real Time Static Hand Gestures Recognition for Sign Language	June	2021	2021 7th International Conference on Advanced Computing and Communication Systems (ICACCS)	Yes
82	ECE	Scopus Only	International Conference	Dr. V. Nandalal	Implementation of Smart Home Assistance and Surveillance	June	2021	2021 7th International Conference on Advanced Computing and Communication Systems (ICACCS)	Yes
83	ECE	Scopus Only	International Conference	Ms. B.Vidhya	Improved Microstrip Patch Antenna for 5G Applications	June	2021	5 th International Conference on Trends in Electronics and Informatics ICOEI 2021	Yes
84	ECE	Scopus Only	International Conference	Mr. N.Girinath	Intelligent Irrigation System for Temperature and Moisture Monitoring	November	2021	2021 Smart Technologies, Communication & Robotics (STCR)	Yes
85	ECE	Scopus Only	International Conference	Dr. V. Nandalal	Intelligent Multi-Utility Shoe for Visually Impaired Persons	November	2021	2021 2nd International Conference on Smart Electronics and Communication (ICOSEC)	Yes
86	ECE	Scopus Only	International Conference	Dr. M. Karpagam	Internet of Things based Automobile Accident Detection System	January	2022	5 th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2021	Yes
87	ECE	Scopus Only	International Conference	Dr.R.Senthil Ganesh	Internet of Things based Design of Smart Speed Control System for Highway Transportation Vehicles	August	2021	4th International Conference on Intelligent Sustainable Systems (ICISS 2021)	Yes
88	ECE	Scopus Only	International Conference	Dr. V.R. Balaji	Internet of Things based Smart Health Care System using LoRa	November	2021	2021 2nd International Conference on Smart Electronics and Communication (ICOSEC)	Yes

**Sri Krishna College of Engineering and Technology
Coimbatore**

Publication details for the Year 2021-2022

S.N	DEPARTMENT	SCOPUS/WOS	National Conference / International Conference / National Journal / International Journal	Name of Faculty Member	Name of the Research Paper	Month of Publication	Year of Publication	Name of the Journal	Indexed (YES/NO)
89	ECE	Scopus Only	International Conference	Ms S.M.Asha Banu	IoT Based Air Quality System	September	2021	ICCES - 2021	Yes
90	ECE	Scopus Only	International Conference	Dr.D.Selvakumar	IOT BASED CROP PROTECTION SYSTEM	August	2021	2021 6th International Conference on Communication and Electronics Systems (ICCES)	Yes
91	ECE	Scopus Only	International Conference	Ms.G.Saranya	IoT Based Engineering Calculator using BOLT IoT Module	January	2022	5 th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2021	Yes
92	ECE	Scopus Only	International Conference	Ms. D.V.Soundari	IoT Based Intelligent Fire Fighting Machine Using Arduino	January	2022	5 th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2021	Yes
93	ECE	Scopus Only	International Conference	Ms. D. Devi	IoT based Safety System for Women	August	2021	2021 6th International Conference on Communication and Electronics Systems (ICCES)	Yes
94	ECE	Scopus Only	International Conference	Mr. C.Visvesvaran	IoT based Smart Baby Monitoring	September	2021	ICCES - 2021	Yes
95	ECE	Scopus Only	International Conference	Ms. D.V.Soundari	IOT Based Surveillance and Health Monitoring System for Elderly and Physically Challenged People	August	2021	2021 6th International Conference on Communication and Electronics Systems (ICCES)	Yes
96	ECE	Scopus Only	International Conference	Dr. S.Sasipriya	IOT enabled Smart home and health monitoring System	August	2021	2021 6th International Conference on Communication and Electronics Systems (ICCES)	Yes
97	ECE	Scopus Only	International Conference	Dr.A.Albert Raj	LI-FI Based safety Technique for vehicle to vehicle communication	August	2021	ICCES21	Yes
98	ECE	Scopus Only	International Conference	Dr.A.Albert Raj	Logistic Regression based Conveyor Control for Material Handling Process	September	2021	2nd International Conference on Electronics and Sustainable Communication Systems (ICESC 2021)	Yes
99	ECE	Scopus Only	International Conference	Ms.G.Saranya	Machine Learning Powered Smart Dumpster Monitoring and Clearance System	August	2021	2021 6th International Conference on Communication and Electronics Systems (ICCES)	Yes
100	ECE	Scopus Only	International Conference	Dr.B. Maruthi Shankar	Maximizing Network Lifetime in WSN Using Ant Colony Algorithm	June	2021	Computer Networks, Big Data and IoT	Yes
101	ECE	Scopus Only	International Conference	Ms. D.V.Soundari	MESH ENABLED IOT BASED SMART DEVICE FOR ATHLETES	August	2021	2021 6th International Conference on Communication and Electronics Systems (ICCES)	Yes
102	ECE	Scopus Only	International Conference	Dr. V.R. Balaji	Mind Wave Controlled Assistive Robot	June	2021	2021 7th International Conference on Advanced Computing and Communication Systems (ICACCS)	Yes
103	ECE	Scopus Only	International Conference	Mr. C.Visvesvaran	PATROL CONTROL SYSTEM USING AI	June	2021	ICOEI 2021	Yes
104	ECE	Scopus Only	International Conference	Ms.H.Muneera Begum	Performance Analysis in Cognitive Radio using Multirate Asynchronous Sub-Nyquist Sampling System	December	2021	2021 Fifth International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud) (I-SMAC)	Yes
105	ECE	Scopus Only	International Conference	Ms. N. Kalaivani	Performance Analysis of Smart Intravenous Infusion Systems using Machine Learning	November	2021	2021 Smart Technologies, Communication & Robotics (STCR)	Yes
106	ECE	Scopus Only	International Conference	Dr.M.Ramkumar	Performance Analysis of Various Machine Learning Techniques for Classifying Cardiac Arrhythmia - Survey	January	2022	5 th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2021	Yes
107	ECE	Scopus Only	International Conference	Dr.B. Maruthi Shankar	Preliminary pulse and temperature testing	September	2021	ICCES - 2021	Yes
108	ECE	Scopus Only	International Conference	Mr. C.Visvesvaran	Quarcare - IoT Based Patient Health Monitoring System	September	2021	ICCES - 2021	Yes
109	ECE	Scopus Only	International Conference	Mr. V.Karthik	Self distancing tracker to prevent COVID - 19 by facial recognition using OpenCV	January	2022	5 th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2021	Yes
110	ECE	Scopus Only	International Conference	Dr. V.R. Balaji	Sign Speaks-An IoT Based Smart Gloves for Dumb	August	2021	2021 6th International Conference on Communication and Electronics Systems (ICCES)	Yes

**Sri Krishna College of Engineering and Technology
Coimbatore**

Publication details for the Year 2021-2022

S.N	DEPARTMENT	SCOPUS/WOS	National Conference / International Conference / National Journal / International Journal	Name of Faculty Member	Name of the Research Paper	Month of Publication	Year of Publication	Name of the Journal	Indexed (YES/NO)
111	ECE	Scopus Only	International Conference	Ms. B.Anish Fathima	Smart Architecture for Diabetic Patients Using Machine Learning	June	2021	2021 7th International Conference on Advanced Computing and Communication Systems (ICACCS)	Yes
112	ECE	Scopus Only	International Conference	Dr. C.Thirumarai Selvi	Smart Authentication of Documents Using RFID and Fingerprint Modules	June	2021	2021 7th International Conference on Advanced Computing and Communication Systems (ICACCS)	Yes
113	ECE	Scopus Only	International Conference	Mr. C.Visvesvaran	Smart Greenhouse Monitoring System using Wireless Sensor Networks	November	2021	2021 2nd International Conference on Smart Electronics and Communication (ICOSEC)	Yes
114	ECE	Scopus Only	International Conference	Mr. S.P.Karthi	Smart Health Monitoring System Using ANN Algorithm	August	2021	2021 6th International Conference on Communication and Electronics Systems (ICCES)	Yes
115	ECE	Scopus Only	International Conference	Mr. S.P.Karthi	Smart Information display system	October	2021	2021 Third International Conference on Inventive Research in Computing Applications (ICIRCA)	Yes
116	ECE	Scopus Only	International Conference	Dr. V.R. Balaji	Smart Lane for Cars using Piezoelectric Devices	December	2021	2021 Fifth International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud) (I-SMAC)	Yes
117	ECE	Scopus Only	International Conference	Ms. B.Vidhya	Smart Posture Detector Using IOT	August	2021	2021 6th International Conference on Communication and Electronics Systems (ICCES)	Yes
118	ECE	Scopus Only	International Conference	Dr.R.Senthil Ganesh	Smart System for Hazardous Gases Detection and Alert System using Internet of Things	January	2022	5th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2021	Yes
119	ECE	Scopus Only	International Conference	Dr.B. Maruthi Shankar	Smart Tracking and Monitoring in Supply Chain Systems using RFID and BLE	June	2021	2021 3rd International Conference on Signal Processing and Communication (ICPSC)	Yes
120	ECE	Scopus Only	International Conference	Dr.R.Senthil Ganesh	Smart Vehicle Number Recognition System using Digital Image Processing Technique	October	2021	2021 Third International Conference on Inventive Research in Computing Applications (ICIRCA)	Yes
121	ECE	Scopus Only	International Conference	Ms.D.A.Janeera	Visual Servoing and Deep Capsule Network Learning for Contactless Smart Waste Segregation	November	2021	2021 2nd International Conference on Smart Electronics and Communication (ICOSEC)	Yes
122	ECE	Scopus Only	International Conference	Dr. V.R. Balaji	VITAL ELEMENTS MONITORING SYSTEM USING IOT	August	2021	2021 6th International Conference on Communication and Electronics Systems (ICCES)	Yes
123	ECE	Scopus Only	International Conference	Dr. C.Thirumarai Selvi	Weed Detection in Agricultural fields using Deep Learning Process	June	2021	2021 7th International Conference on Advanced Computing and Communication Systems (ICACCS)	Yes
124	ECE	Scopus Only	International Conference	Ms. B.Anish Fathima	Wide Range Omni-Directional Intelligent Navigation System for the Visually Impaired	October	2021	2021 Third International Conference on Inventive Research in Computing Applications (ICIRCA)	Yes
125	ECE	Scopus Only	International Conference	Mr. C.Visvesvaran	Wireless Data Transfer Based on Bone Conduction: Osteoconduct	June	2021	2021 7th International Conference on Advanced Computing and Communication Systems (ICACCS)	Yes
126	ECE	Scopus & WoS	International Journal	Dr. V.R. Balaji	A theoretical analysis to improve the tuning and sensitivity of a surface plasmon resonance biosensor employing titanium dioxide-graphene heterostructures	February	2022	Journal of Computational Electronics	Yes
127	ECE	Scopus & WoS	International Journal	Dr. V.R. Balaji	Ensemble Nonlinear Support Vector Machine Approach for Predicting Chronic Kidney Diseases	February	2022	Computer Systems Science & Engineering	Yes
128	ECE	Scopus & WoS	International Journal	Dr. V.R. Balaji	An inverted L-strip loaded ground with nonohm semi-hexagonal four-element polarization diversity UWB-MIMO antenna	December	2021	Transactions on Emerging Telecommunications Technologies	Yes
129	ECE	Scopus & WoS	International Journal	Dr. V.R. Balaji	5G Data Offloading Using Fuzzification with Grasshopper Optimization Technique	January	2022	Computer Systems Science & Engineering	Yes
130	ECE	Scopus & WoS	International Journal	S. Sasipriya	Design of Hybrid True Random Number Generator for Cryptographic Applications	April	2022	Computer Systems Science & Engineering	Yes
131	ECE	Scopus Only	International Journal	Mr. R.Sarath Kumar	A MICRO-CONTROLLER BASED AUTOMATED PRODUCT DISPENSER	January	2022	YMER	Yes
132	ECE	Scopus Only	International Journal	Mr. R.Sarath Kumar	TIRE PRESSURE MONITORING AND INDICATING SYSTEM USING IOT	April	2022	Journal of Xidian University	Yes

**Sri Krishna College of Engineering and Technology
Coimbatore**

Publication details for the Year 2021-2022

S.N	DEPARTMENT	SCOPUS/WOS	National Conference / International Conference / National Journal / International Journal	Name of Faculty Member	Name of the Research Paper	Month of Publication	Year of Publication	Name of the Journal	Indexed (YES/NO)
133	ECE	Scopus Only	International Conference	Dr. S.Sasipriya	Efficient Resource Distribution in Cognitive Radio Network by Fuzzy-Based Cluster Against Attacks	January	2022	Smart Innovation, Systems and Technologies	Yes
134	ECE	Scopus Only	International Conference	Ms.K.Priyadharsini	Ease and Handy Household Water Management System	January	2022	Intelligent Data Communication Technologies and Internet of Things (ICICI 2021)	Yes
135	ECE	Scopus Only	International Conference	Dr.D.Mohana Geetha	Gain Enhancement of Circular Patch Antenna using SRR Array	January	2022	International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation (ICAECA)	Yes
136	ECE	Scopus Only	International Conference	Dr.D.Mohana Geetha	An efficient fuzzy logic cluster formation protocol data aggregation and data reporting in cluster based mobile social networks	January	2022	2nd International Conference on Sustainable Expert Systems	Yes
137	ECE	Scopus Only	International Conference	Ms.M.Benedict Tephila	An Experimental Approach in Colour Correction and Contrast Improvement for Underwater Images	March	2022	2022 Second International Conference on Artificial Intelligence and Smart Energy (ICAIS)	Yes
138	ECE	Scopus Only	International Conference	Ms.G.Saranya	Design of IoT Enabled Cloud Assisted Health Monitoring System for Covid-19 Patients	March	2022	2022 Second International Conference on Artificial Intelligence and Smart Energy (ICAIS)	Yes
139	ECE	Scopus Only	International Conference	Ms. B.Anish Fathima	The Impact of Mental Health due to Covid 19 - A Mental Health Detector Using Machine Learning	March	2022	2022 Second International Conference on Artificial Intelligence and Smart Energy (ICAIS)	Yes
140	ECE	Scopus Only	International Conference	Ms. B.Anish Fathima	A Comparative Analysis on Classification models to predict Cardio-vascular disease using Machine Learning Algorithms	March	2022	2022 Second International Conference on Artificial Intelligence and Smart Energy (ICAIS)	Yes
141	ECE	Scopus Only	International Conference	Ms.R.Niranjana	Intelligent Itinerant Robot [IIR] for Agricultural Farm Monitoring using IoT	March	2022	2022 Second International Conference on Artificial Intelligence and Smart Energy (ICAIS)	Yes
142	ECE	Scopus Only	International Conference	Dr. V. Nandalal	Comparative Analysis of CCM, SMC, Buck-boost and ZETA Converters to Reduce Commutation Torque Ripple in BLDC Motor	April	2022	2022 International Conference on Advanced Computing Technologies and Applications (ICACTA)	Yes
143	ECE	Scopus Only	International Conference	Ms.C.Bagavathi	Analysis of Parameterless Particle Swarm Algorithm for Traveling Salesman Problem	April	2022	2022 International Conference on Advanced Computing Technologies and Applications (ICACTA)	Yes
144	ECE	Scopus Only	International Conference	Ms.R.Niranjana	Resourceful Retinal Vessel segmentation for Early Exposure of Vision Threatening Diseases	April	2022	2022 International Conference on Advanced Computing Technologies and Applications (ICACTA)	Yes
145	ECE	Scopus Only	International Conference	Dr. S.Sasipriya	Soft Computing based Brain Tumor Categorization with Machine Learning Techniques	April	2022	2022 International Conference on Advanced Computing Technologies and Applications (ICACTA)	Yes
146	ECE	Scopus Only	International Conference	Mr. V.Karthik	High Speed Transmission of Data or Video Over Visible Light Using Li-Fi	April	2022	2022 International Conference on Advanced Computing Technologies and Applications (ICACTA)	Yes
147	ECE	Scopus Only	International Conference	Dr. M. Karpagam	An Implementation of MIMO and OFDM Based Visible Light Communication System for Indoor Environment	April	2022	2022 International Conference on Advanced Computing Technologies and Applications (ICACTA)	Yes
148	ECE	Scopus Only	International Conference	Ms S.M.Asha Banu	Child Safety Monitor in Cars Using Machine Learning	April	2022	2022 International Conference on Advanced Computing Technologies and Applications (ICACTA)	Yes
149	ECE	Scopus Only	International Conference	Dr.M.Ramkumar	Detection Of Arrhythmia Using Machine Learning(Heart Disease) And ECG	April	2022	2022 International Conference on Advanced Computing Technologies and Applications (ICACTA)	Yes
150	ECE	Scopus Only	International Conference	Ms.G.Saranya	Air Pollution Monitoring and Mapping Services Using Wireless Sensor Nodes and IoT	April	2022	2022 International Conference on Advanced Computing Technologies and Applications (ICACTA)	Yes

**Sri Krishna College of Engineering and Technology
Coimbatore**

Publication details for the Year 2021-2022

S.N	DEPARTMENT	SCOPUS/WOS	National Conference / International Conference / National Journal / International Journal	Name of Faculty Member	Name of the Research Paper	Month of Publication	Year of Publication	Name of the Journal	Indexed (YES/NO)
151	ECE	Scopus Only	International Conference	Mr. S.P.Karthi	Electric Vehicle Speed Control with Traffic sign Detection using Deep Learning	April	2022	2022 International Conference on Advanced Computing Technologies and Applications (ICACTA)	Yes
152	ECE	Scopus Only	International Conference	Mr. R.Sarath Kumar	LPWAN for IoT	April	2022	2022 International Conference on Advanced Computing Technologies and Applications (ICACTA)	Yes
153	ECE	Scopus Only	International Conference	Ms.M.Benedict Tephila	Automated Smart Irrigation System using IoT with Sensor Parameter	April	2022	2022 International Conference on Electronics and Renewable Systems (ICEARS)	Yes
154	ECE	Scopus Only	International Conference	Dr. M. Karpagam	Augmented Reality based Monitoring System	April	2022	2022 International Conference on Sustainable Computing and Data Communication Systems (ICSCDS)	Yes
155	ECE	Scopus Only	International Conference	Ms.R.Niranjana	A Smart System for Monitoring and Identifying Pollution Free Driving Route Identifier using Internet of Things	April	2022	2022 International Conference on Sustainable Computing and Data Communication Systems (ICSCDS)	Yes
156	ECE	Scopus Only	International Conference	Dr.A.Albert Raj	AI Technologies and Firefly Algorithms	April	2022	Lecture Notes in Electrical Engineering book series	Yes
157	ECE	Scopus Only	International Conference	Dr.A.Albert Raj	Energy-Efficient OLSR Routing Protocol for Flying Ad Hoc Networks	May	2022	Lecture Notes in Networks and Systems	Yes
158	ECE	Scopus Only	International Conference	Ms. N.Nanthini	Detection and Classification of Retinal Diseases using Image Compression	May	2022	2022 6th International Conference on Trends in Electronics and Informatics (ICOEI)	Yes
159	M.Tech. CSE	Scopus	International Conference	Dr.P.Kavitha Rani	A Standalone Application for Effective Education	April	2022	International Conference on Advanced Computing Technologies and Applications,	Yes
160	M.Tech. CSE	Scopus	International Conference	Dr.P.Kavitha Rani	A CBRD Technique for Energy Efficient Bandwidth Image Sharing	June	2021	7th International Conference on Advanced Computing and Communication Systems,	Yes
161	M.Tech. CSE	Scopus	International Journal	Dr.P.Kavitha Rani	Bug Triaging Automation using Text Processing and Machine Learning Techniques	April	2022	SSRN - Social Science Research Network, Elsevier Publication	Yes
162	M.Tech. CSE	Scopus	International Conference	Dr.P.Kavitha Rani	Intelligent Customer Segmentation SaaS Application	May	2022	International Conference on Recent Trends in Engineering Technology and Management	Yes
163	M.Tech. CSE	Scopus	International Conference	Dr.P.Kavitha Rani	Enhancing Cloud Security with Hybrid Encryption	May	2022	International Conference on Applied Artificial Intelligence and Computing (ICAIC 2022)	Yes
164	M.Tech. CSE	Scopus	International Conference	Dr.P.Kavitha Rani	Desktop based Speech Recognition For Hearing and Visually Impaired using Machine Learning	May	2022	International Conference on Applied Artificial Intelligence and Computing (ICAIC 2022)	Yes
165	M.Tech. CSE	Scopus	International Conference	Dr.P.Kavitha Rani	Hourly Journal- Hybrid Mobile Application For Journaling	May	2022	International Conference on Intelligent Computing and Control Systems (ICICCS 2022)	Yes

**Sri Krishna College of Engineering and Technology
Coimbatore**

Publication details for the Year 2021-2022

S.N	DEPARTMENT	SCOPUS/WOS	National Conference / International Conference / National Journal / International Journal	Name of Faculty Member	Name of the Research Paper	Month of Publication	Year of Publication	Name of the Journal	Indexed (YES/NO)
166	M.Tech. CSE	Scopus	International Conference	Dr.P.Kavitha Rani	A Progress Report on Recycling of Mobile E-Waste into Automobile Industry	May	2022	International Conference on Intelligent Computing and Control Systems (ICICCS 2022)	Yes
167	M.Tech. CSE	Scopus	International Conference	Dr.P.Kavitha Rani	Automated Data Visualization System to Reinforce Mid-Day Meal Tracking Scheme	March	2022	Lecture Notes in Networks and Systems	Yes
168	M.Tech. CSE	WoS & Scopus	International Journal	Dr.D.Prabha	Ensemble Variable Selection for Naive Bayes to Improve Customer Behaviour Analysis	Oct	2021	Computer Systems Science & Engineering, Tech Science Press	Yes
169	M.Tech. CSE	WoS & Scopus	International Journal	Dr.D.Prabha	Understand Students Feedback Using Bi-Integrated CRF Model Based Target Extraction	Aug	2021	Computer Systems Science & Engineering, Tech Science Press	Yes
170	M.Tech. CSE	WoS & Scopus	International Journal	Dr.D.Prabha	Design of novel multi filter union feature selection framework for breast cancer dataset	Jul	2021	CONCURRENT ENGINEERING-RESEARCH AND APPLICATIONS	Yes
171	M.Tech. CSE	Scopus	International Conference	Dr.D.Prabha	IoT application for Safety and Health Monitoring System for Construction Workers	June	2021	Proceedings of the 5th International Conference on Trends in Electronics and Informatics, ICOEI	Yes
172	M.Tech. CSE	Scopus	International Journal	Dr.D.Prabha	Artificial intelligence databases: turn-on big data of the SMBs	Jan	2022	International Journal of Business Information Systems	Yes
173	M.Tech. CSE	Scopus	International Conference	Dr.D.Prabha	A Novel Approach on Chronic Kidney Disease Prediction Using Machine Learning	April	2022	International Conference on Advanced Computing Technologies and Applications,	Yes
174	M.Tech. CSE	Scopus	International Conference	Dr.D.Prabha	An Implementation of MIMO and OFDM Based Visible Light Communication System for Indoor	April	2022	International Conference on Advanced Computing Technologies and Applications,	Yes
175	M.Tech. CSE	Scopus	International Conference	Dr.D.Prabha	Evaluation of Different Variable Selection Approaches with Naive Bayes to Improve the	January	2022	Lecture Notes in Networks and Systems	Yes
176	M.Tech. CSE	WOS	International Journal	Dr.B.Arun Kumar	An Overview of Cloud Scheduling Algorithms	Oct	2021	Vidyabharathi International Interdisciplinary Research Journal	Yes
177	M.Tech. CSE	Scopus	International Conference	Dr.B.Arun Kumar	Detection of Alzheimer's Disease at Early Stage using Machine Learning	March	2022	International Conference on Advanced Computing Technologies and Applications	Yes
178	M.Tech. CSE	Scopus	International Conference	Dr.B.Arun Kumar	Penmanship and Signal Acknowledgment Utilizing Inertia Pen	Jan	2022	International Conference on Artificial Intelligence and Machine Learning (IAIM 2022)	Yes
179	M.Tech. CSE	Scopus	International Conference	Dr.B.Arun Kumar	Cost effective Design and Hardware implementation of Automatic Sanitizer Dispenser with Human	Oct	2021	3rd International Conference on Engineering Facilities Maintenance And Management	Yes
180	M.Tech. CSE	Scopus	International Conference	Dr.B.Arun Kumar	Spam Detection Using NLP Techniques POS Tag	May	2022	6th International Conference on Intelligent Computing and Control Systems ICICCS 2022	Yes
181	M.Tech. CSE	Scopus	International Conference	Dr.A.Pushpalatha	A Trustworthy Decentralized Onkart Ecommerce Platform Based on Blockchain Technology	April	2022	2022 6th International Conference on Trends in Electronics and Informatics (ICOEI)	Yes
182	M.Tech. CSE	Scopus	International Conference	Dr.A.Pushpalatha	On-Kart decentralized e-commerce application through blockchain	Dec	2021	IEEE International Conference ICEmTASS 2021	Yes
183	M.Tech. CSE	Scopus	International Conference	Dr.A.Pushpalatha	A medical data privacy protection schema based on blockchain and cloud computing	Dec	2021	1st International Conference on EMMA-2021 (Engineering, Medicine, Management, Arts and	Yes
184	M.Tech. CSE	Scopus	International Conference	Dr.A.Pushpalatha	Privacy Assured Clinical Data Findings in Blockchain	May	2022	International Conference on Recent Trends in Engineering Technology and Management	Yes
185	CSE	Scopus	International Journal	Ms.R. Gowthamani	Efficient detection and prediction of flood severity using machine learning algorithm	June	2021	Materials Today: Proceedings	Yes
186	CSE	Scopus	International Conference	Ms. A. Priya Ganesh S, Archith,K, Ms.S Nagajothi S S	Projection of Malignant Tumor of the cervix using Machine Learning	June	2021	IEEE Xplore Conference	Yes
187	CSE	Scopus	International Conference	Ms.S Nagajothi S S Shamrutha , D Sreeja,	A Transparent Immutable and More Secured Voting System	July	2021	Journal of Physics: Conference Series	Yes

**Sri Krishna College of Engineering and Technology
Coimbatore**

Publication details for the Year 2021-2022

S.N	DEPARTMENT	SCOPUS/WOS	National Conference / International Conference / National Journal / International Journal	Name of Faculty Member	Name of the Research Paper	Month of Publication	Year of Publication	Name of the Journal	Indexed (YES/NO)
188	CSE	Scopus	International Conference	Mr.M Sivakumar N M Saravana Kumar, N	Content-Based Image Retrieval Techniques: A Survey using Fuzzy C Means Clustering Algorithm	July	2021	Journal of Physics: Conference Series	Yes
189	CSE	Scopus	International Conference	Mr.D. Mansoor Hussain Anuroopa M;	Differential Privacy Preservation Mechanism Using Bernstein Polynomial Function For Heart Disease	June	2021	IEEE Xplore Conference	Yes
190	CSE	Scopus	International Journal	Ms.N.Kousika	Alzheimer's Disease Diagnosis Based on Ensemble of Multi-model Convolutional Neural Networks	September	2021	International Journal of Aquatic Science	Yes
191	CSE	Scopus	International Conference	Ms.Rohini M.	Machine Learning Based Approach For Corona Virus Disease Recovery Prediction	June	2021	IEEE Xplore Conference	Yes
192	CSE	Scopus	International Journal	A. Arunkumar	Automatic Speed Controller of Vehicles Using Arduino Board	August	2021	International Journal of Aquatic Science	Yes
193	CSE	Scopus	International Conference	Dr.V.Vijeya Kaveri	Object Tracking Glove	December	2021	IEEE Xplore	Yes
194	CSE	Scopus	International Conference	Dr.V.Vijeya Kaveri	Intelligent Accident Prevention and Detection for Four Wheeled Vehicle	January	2022	Materials Today Proceedings	Yes
195	CSE	Scopus	International Conference	Mr.KR.Senthil Murugan	Industrial Centric Node Localization and Pollution Prediction Using Hybrid Swarm Techniques	August	2021	IEEE Xplore	Yes
196	CSE	WOS	International Journal	Mr. D. Mansoor Hussain	Ensemble Nonlinear Support Vector Machine Approach for Predicting Chronic Kidney Diseases	February	2022	Computer Systems Science & Engineering, Tech Science Press	Yes
197	CSE	WOS	International Journal	Mr. D. Mansoor Hussain	Secure and Efficient Modified Dynamic Partition Routing Algorithm for Mobile Ad Hoc Networks	February	2022	Computer Systems Science & Engineering, Tech Science Press	Yes
198	CSE	Scopus	International Conference	N. Kousika	Efficient way to Predict Oxygen Availability Resources using AI	March	2022	IEEE Xplore	Yes
199	CSE	Scopus	International Conference	Ms.G.Renugadevi	Semantic Approach to Live Data Mining Using Clustering Technique	January	2022	IEEE Xplore	Yes
200	CSE	Scopus	International Conference	Ms. Sophia.B	Rainfall Prediction using kNN and Decision Tree	June	2021	IEEE Xplore	Yes
201	CSE	Scopus	International Conference	Ms.S.Biruntha	Blockchain Based Government Tender Allocation In Cloud	April	2022	IEEE Xplore	Yes
202	CSE	Scopus	International Conference	Majidha Fathima K M	Augmentation of Intelligent Agent for Multiple Access Protocols in Wireless Sensor Networks	April	2022	IEEE Xplore	Yes
203	CSE	Scopus	International Conference	Majidha Fathima K M	BIG DATA LEARNING THROUGH TEXT ANALYTICS LABELED COMPOUNDS OF THE IoT	March	2022	<i>Proceedings of the 2nd International Conference on Artificial Intelligence and Smart Energy,</i>	Yes
204	CSE	WOS	International Journal	Dr.V.Vijeya Kaveri	Cracking CAPTCHAs using Deep Learning	November	2021	International Journal of Biology, Pharmacy and Allied Sciences	Yes
205	CSE	Scopus	International Conference	Ms. A. Priya	Optimal Algorithm for Credit Card Fraud Detection	March	2022	IEEE	Yes
206	CSE	Scopus	International Conference	Ms. A. Priya	RANC-CROP Recommendation Attributed to Soil Nutrients and Stock Analysis Using Machine	March	2022	IEEE	Yes
207	CSE	WOS & Scopus	International Journal	Dr.P. Mohan Kumar	IMPLEMENTING AN EFFICIENT DATA DEDUPLICATION FRAMEWORK FOR CLOUD	April	2022	IETE Journal of Research	Yes
208	CSE	Scopus	International Journal	Dr.P. Mohan Kumar		February	2022	Indian Journal of Computer Science and Engineering	Yes

**Sri Krishna College of Engineering and Technology
Coimbatore**

Publication details for the Year 2021-2022

S.N	DEPARTMENT	SCOPUS/WOS	National Conference / International Conference / National Journal / International Journal	Name of Faculty Member	Name of the Research Paper	Month of Publication	Year of Publication	Name of the Journal	Indexed (YES/NO)
209	CSE	WOS	International Journal	Ms.M.Kavitha,	A Sensitive Wavebands Identification System for Smart Farming	March	2022	Computer Systems Science and Engineering	Yes
210	CSE	WOS	International Journal	Rohini.M	Multiclassifier learning for the early prediction of dementia disease progression from MCI	January	2022	International Journal of Intelligent Engineering Informatics	Yes
211	CSE	Scopus	International Journal	R.Vinoth and Dr. J.P. Ananth	Deep Recurrent Encoder Network and Spark Model for Angiographic Disease Risk Classification	March	2022	International Journal of Pattern Recognition and Artificial Intelligence	Yes
212	CSE	SCI	International Journal	H.Azath , M.Devi Mani , J.P.Ananth	Identification of IoT Device From Network Traffic Using Artificial Intelligence Based Capsule Networks	April	2022	Wireless Personal Communication	Yes
213	CSE	SCI	International Journal	Dr.J.P.Ananth A.Francis Alexander	Robust Object Detection and Localization Using Semantic Segmentation Network	October	2021	The Computer Journal	Yes
214	CSE	SCI	International Journal	Dr.J.P.Ananth A.Francis Alexander	Object detection and localisation using Sparse FCMap optimization-driven deep convolutional	February	2022	The computer journal	Yes
215	CSE	Scopus	International Journal	Diana Jingle, Shylu Sam, Mano Paul, J P	Design of Grover's Algorithm over 2, 3 and 4- Qubit Systems in Quantum Programming Studio	January	2022	INTL JOURNAL OF ELECTRONICS AND TELECOMMUNICATIONS,	Yes
216	CSE	Scopus	International Journal	Dr.T.Latha Maheswari	Synthesis And Applications Of Nano Duck Swarm Optimization Algorithm For Breast Cancer	July	2021	Annals of the Romanian Society for Cell Biology	Yes
217	CSE	Scopus	International Journal	Dr.V.Vijeya Kaveri	Majority voting ensemble feature selection and customized deep neural network for the enhanced	June	2022	International Journal of Computers and Applications	Yes
218	CSE	Scopus	International Journal	J. P. Ananth Mr. L. Jimson	Video Summarization using Deep Convolution Neural Networks and Mutual Probability - based K-Nearest	June	2022	Journal of Experimental & Theoretical Artificial Intelligence	Yes
219	CSE	SCI	International Journal	P. Mohan Kumar	ShChain_3D-ResNet: Sharding Blockchain with 3D-Residual	June	2022	Symmetry	Yes
220	CSE	Scopus	International Journal	J. P. Ananth Mr. L. Jimson	Local Optimal-Oriented Pattern and Exponential Weighed-Jaya Optimization-Based Deep	July	2022	International Journal of Swarm Intelligence Research (IJSIR)	Yes
221	CSE	SCI	International Journal	P. Mohan Kumar	Fusion-based advanced encryption algorithm for enhanced	July	2022	Concurrent Engineering: Research and Applications	Yes
222	CSE	SCI	International Journal	P. Mohan Kumar	Decentralized and Privacy Sensitive Data De-Duplication	July	2022	Symmetry	Yes
223	CSE	Scopus	International Journal	Dr. G. Sathish Kumar	Privacy Preserving Data Mining - Past and Present	August	2022	International Journal of Business Intelligence and Data Mining	Yes
224	CSE	Scopus	International Journal	Dr.V.Vijeya Kaveri	Detection of covid- 19 from X-Rays using Customized Deep Convolutional Neural Network (Cdnn)	August	2022	International Conference on Recent Trends in Information Technology and its Applications	Yes
225	CSE	SCI	International Journal	J. P. Ananth Mr. R. Vinoth	Deep Recurrent Encoder Network and Spark Model for	September	2022	International Journal of Pattern Recognition and Artificial Intelligence	Yes
226	CSE	SCI	International Journal	J. P. Ananth Mr. Emil Selvan	FACVO-DNFN: Deep learning-based feature fusion and	November	2022	Elsevier - Knowledge Based Systems	Yes
227	CSE	SCI	International Journal	M.P.Ramkumar, J P Ananth	Deep maxout network for lung cancer detection using optimization algorithm in smart Internet of Things	August	2022	Wiley - Concurrency Computation Practice and Experience	Yes
228	CSE	SCI	International Journal	Thirusevelan D, J P Ananth	Underwater Target Tracking in Radar Images Using Exponential Competitive Swarm-based Deep Neuro	October	2022	World Scientific - International Journal on Artificial Intelligence Tools	Yes
229	CSE	SCI	International Journal	Emil Selvan, J P Ananth	Network Intrusion Detection and Mitigation Using Hybrid Optimization Integrated Deep Q Network	July	2022	Taylor and Francis - Cybernetics and Systems	Yes
230	CSE	WOS & Scopus	International Journal	Dr.V.Vijeya Kaveri & V.Meenakshi	Design and Implementation of Prototype for Smart Home Using Internet of Things and Cloud	October	2022	Taylor and Francis - Cybernetics and Systems	Yes

**Sri Krishna College of Engineering and Technology
Coimbatore**

Publication details for the Year 2021-2022

S.N	DEPARTMENT	SCOPUS/WOS	National Conference / International Conference / National Journal / International Journal	Name of Faculty Member	Name of the Research Paper	Month of Publication	Year of Publication	Name of the Journal	Indexed (YES/NO)
231	CSE	WOS & Scopus	International Journal	Dr. V. Vijeja Ravi , V. Meenakshi & Anbarasi	Grid-Interconnected Photovoltaic Power System with LCL Filter Feasible for Rooftop Terracing	October	2022	Taylor and Francis - Cybernetics and Systems	Yes
232	CSE	SCI	International Journal	J P Ananth, S P Premnath	Image tampering detection in image forensics using earthworm-f	August	2022	Concurrency Computat Pract Exper, Wiley Online	Yes
233	AIDS	WoS and Scopus	International Journal	S. Venkata Lakshmi	Role and applications of IoT in materials and manufacturing industries - Review	June	2021	Materials Today: Proceedings	Yes
234	AIDS	Scopus	International Conference	Sajeew Ram Arumugam	Exploratory Data Analysis using Artificial Neural Networks	June	2021	IEEE International Conference On Advances And Developments In Electrical And Electronics Engineering	Yes
235	AIDS	Scopus	International Conference	S. Venkata Lakshmi	Physical Movement Acknowledgment utilizing Mobile Sensor	September	2021	ICICSE2021- Springer Conference	Yes
236	AIDS	Scopus	International Conference	Sajeew Ram Arumugam	Prediction of Autism Spectrum Disorder in Children using Face Recognition	October	2021	International conference on Smart Electronics and Communication (ICOSEC 2021)	Yes
237	AIDS	Scopus	International Conference	Sajeew Ram Arumugam	A deep convolutional neural network based detection system for autism spectrum disorder in facial images	November	2021	International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud) I-SMAC 2021	Yes
238	AIDS	Sci and scopus	Journal	Dr. T. Sujatha	Analysis of DC and RF performance of Al0.31Ga0.69N/	March	2022	International Journal of RF and Microwave Computer-Aided Engineering	Yes
239	AIDS	Only Scopus	Journal	Dr. T. Sujatha	A Robust Authentication and Authorization System Powered by Deep Learning and Incorporating Hand	January	2022	Intelligent Data Communication Technologies and Internet of Things	Yes
240	AIDS	Only Scopus	International Conference	Dr. T. Sujatha	Investigation of Deep Learning Methodologies in Satellite image based ship detection	April	2022	2022 International Conference on Sustainable Computing and Data Communication Systems	Yes
241	EEE	Scopus	International Journal	Dr. K. C. Ramya	Assessment of Z-Source based 7 level cascaded multilevel Inverter for Induction Motor Control using Embedded Technique	August	2021	Turkish Journal of Computer and Mathematics Education	Yes
242	EEE	Scopus	International Conference	Dr. K. C. Ramya	Execution of smart electric vehicle charging station driven by RE technology	December	2021	2021 IEEE Mysore Sub Section International Conference (MysuruCon)	Yes
243	EEE	WoS & Scopus	International Journal	Dr. K. C. Ramya	An automated deep learning based muscular dystrophy detection and classification model	January	2022	Computers, Materials and Continua	Yes
244	EEE	WoS & Scopus	International Journal	Dr. K. C. Ramya	Energy Aware Metaheuristic Optimization with Location Aided Routing Protocol for MANET	January	2022	Computers, Materials and Continua	Yes
245	EEE	Scopus	International Journal	Dr. K. C. Ramya	Emerging advanced photonics applications of graphene and beyond-graphene 2D materials: Recent advances	January	2022	Journal of Materials Research	Yes
246	EEE	Scopus	International Journal	Dr. K. C. Ramya	Weather Forecasting for Renewable Energy System: A Review	January	2022	Archives of Computational Methods in Engineering	Yes
247	EEE	Scopus	International Journal	Dr. R. Sumathi	Detection of alive human in earthquake areas using Arduino Controller	August	2021	International Journal of Modern Agriculture	Yes
248	EEE	WoS & Scopus	International Journal	Dr. R. Sumathi	A hybrid approach for power flow management in smart grid connected system	October	2021	IETE Journal of Research	Yes
249	EEE	Scopus	International Conference	Dr. S. Sivaranjani	A Statistical Approach on Opportunities and Challenges in the EV-Mobility for India	October	2021	IEEE Xplore	Yes
250	EEE	WoS & Scopus	International Journal	Dr. M. Senthilkumar	Smart photovoltaic based dynamic voltage restorer with DC-DC	October	2021	ENERGY SOURCES, PART A: RECOVERY, UTILIZATION, AND ENVIRONMENTAL EFFECTS, TAYLOR & FRANCIS	Yes
251	EEE	Scopus	International Conference	Dr. M. Senthilkumar	IoT temperature and mask scan entry for covid prevention	October	2021	AIP Conference Proceedings	Yes
252	EEE	WoS & Scopus	International Journal	Dr. P. Vinothkumar	A Comprehensive Review on Sustainable Aspects of Big Data Analytics for Smart Grid	December	2021	Sustainability	Yes

**Sri Krishna College of Engineering and Technology
Coimbatore**

Publication details for the Year 2021-2022

S.N	DEPARTMENT	SCOPUS/WOS	National Conference / International Conference / National Journal / International Journal	Name of Faculty Member	Name of the Research Paper	Month of Publication	Year of Publication	Name of the Journal	Indexed (YES/NO)
253	EEE	Scopus	International Conference	Mr. R. Kavın	Dual Axis Smart Solar Tracker Using Arduino	October	2021	IEEE Xplore	Yes
254	EEE	Scopus	International Conference	Ms. N. Subhalakshmi	Fuzzy Logic Controller Based Speed Ripple Reduction in PMSM	October	2021	IEEE Xplore	Yes
255	EEE	Scopus	International Conference	Dr. A. Radhika	Power Conversion in PMSG Wind Energy Conversion Systems using Trans Z Source Inverter	October	2021	IEEE Xplore	Yes
256	EEE	Scopus	International Conference	Dr. S. Sivaranjani	An Intelligent Energy Management System with an Efficient IoT based Deep Learning Framework	June	2022	IEEE Xplore	Yes
257	EEE	Scopus	International Conference	R. Geethamani	IOT Based Smart Green House for Future Using Node MCU	June	2021	IEEE Xplore	Yes
258	EEE	Scopus	International Conference	R. Geethamani	Garbage Management System	June	2021	IEEE Xplore	Yes
259	EEE	Scopus	International Conference	R. Geethamani	Implementation of Smart Agricultural Monitoring System Using Raspberry Pi	February	2022	IEEE Xplore	Yes
260	EEE	Scopus	International Conference	R. Geethamani	Stability Analysis of a Walking Robot Using an Inverted Pendulum Model	March	2022	IEEE Xplore	Yes
261	EEE	Scopus	International Journal	Dr.B.Karthikeyan	Nanoscale graphene plasmonics logic gate based on the plasma dispersion effect	March	2022	Journal of Optical & Quantum Electronics	Yes
262	EEE	WoS & Scopus	International Journal	Dr. G.Radhakrishnan	A genetic load balancing algorithm to improve the QoS metrics for software defined networking for multimedia Design for temperature control in solid state	January	2022	Multimedia Tools and Applications	Yes
263	EEE	Scopus	International Conference	Dr. G.Radhakrishnan	Fermentation Process for the Production of Enzyme	September	2021	IEEE Xplore	Yes
264	EEE	WoS & Scopus	International Journal	Dr. G.Radhakrishnan	A deep-RNN and meta-heuristic feature selection approach for IoT malware detection	October	2021	Materials Today: Proceedings	Yes
265	EEE	WoS & Scopus	International Journal	Dr. T. Kokilavani	3-Phase multi-inverter with cascaded H-Bridge inverter designing and implementation for Renewable system	April	2022	Sustainable Energy Technologies and Assessments	Yes
266	EEE	WoS & Scopus	International Journal	Dr. Ramji Tiwari	Implementation of different mppt techniques in solar pv tree under partial shading conditions	July	2021	Sustainability (Switzerland)	Yes
267	EEE	Scopus	International Journal	Dr. Ramji Tiwari	Quadratic boost converter for wind energy conversion System using Back Propagation Neural Network	March	2022	International Journal of Energy Technology and Policy	Yes
268	EEE	Scopus	International Conference	T. Malini	Maximum Power Point Tracking	July	2021	IEEE Xplore	Yes
269	EEE	Scopus	International Conference	T. Malini	Testing the quality of cereals and pulses using LabVIEW	July	2021	IEEE Xplore	Yes
270	EEE	Scopus	International Conference	N. Loganathan	IoT and LORA based substation Monitoring and Control System	June	2021	IEEE Xplore	Yes
271	EEE	Scopus	International Conference	N. Loganathan	Evolution Of Outcome Based Engineering Education In India - A Case Study	June	2021	IEEE Xplore	Yes
272	EEE	Scopus	International Conference	N. Loganathan	Smart Substation Monitoring and Control	June	2021	IEEE Xplore	Yes
273	EEE	Scopus	International Conference	N. Loganathan	Solar Photo Voltaic Based Water Pumping Using BLDC Motor	June	2021	IEEE Xplore	Yes
273	EEE	Scopus	International Conference	Vineeth V V	Power Theft Recognition in Smart Meter Reading of a Smart Grid	June	2021	IoP Physics	Yes
274	EEE	Scopus	International Conference	Vineeth V V	Authenticated Smart Meter Reading for a Secure Smart Grid	June	2021	IoP Physics	Yes

**Sri Krishna College of Engineering and Technology
Coimbatore**

Publication details for the Year 2021-2022

S.N	DEPARTMENT	SCOPUS/WOS	National Conference / International Conference / National Journal / International Journal	Name of Faculty Member	Name of the Research Paper	Month of Publication	Year of Publication	Name of the Journal	Indexed (YES/NO)
275	EEE	Scopus	International Conference	S.Karthikeyan	Solar Based Fast Tag Charger for Electrical Vehicle	June	2021	IEEE Xplore	Yes
276	EEE	Scopus	International Conference	S.Karthikeyan	Hardware design of Multi Input and Multi Output MIMO Converter	June	2021	IEEE Xplore	Yes
277	EEE	Scopus	International Conference	Ms. N. Subhalakshmi	Investigations on Finite Element Analysis of Permanent Magnet Synchronous Motor Using ANSYS RMXprt and Maxwell for Electric Vehicle Applications	February	2022	IEEE Xplore	Yes
278	EEE	Scopus	International Conference	Dr. K. C. Ramya	LPG Leakage Detector with Smart SMS Alert using Microcontroller	August	2021	IEEE Xplore	Yes
279	IT	SCOPUS	International Conference	Dr.V.Anandkumar	Research Challenges in Future Internet of Things (IoT) Applications and Technologies	June	2021	5th International Conference on Intelligent Computing and Control Systems (ICICCS 2022)	Yes
280	IT	WOS	International Journal	Dr.V.Anandkumar	Defense and Detection of DDOS Attack Using Secured Geographic Routing	December	2021	International Journal of Swarm Intelligence Research	Yes
281	IT	SCOPUS	International Journal	R.Janani	Certain investigation on cardiovascular monitoring system using internet of things	June	2021	Turkish Journal of Physiotherapy and Rehabilitation	Yes
282	IT	SCI& SCOPUS	International Journal	Dr S Deepa Kanmani	Analysis of DNA Sequence Classification Using CNN and Hybrid Models	July	2021	International Journal of Computational and Mathematical Methods in Medicine	Yes
283	IT	SCOPUS / WoS/SCI	International Journal	Dr S Deepa Kanmani	Identification of Civil Infrastructure Damage Using Ensemble Transfer Learning Model	October	2021	Advances in Civil Engineering	Yes
284	IT	SCOPUS	International Journal	Dr. G. Edwin Prem Kumar	Machine Learning Algorithms for Modelling Agroclimatic indices: A Review	July	2021	Smart Computing Techniques and Applications - Springer Book Chapter	Yes
285	IT	SCOPUS	International Journal	Dr. G. Edwin Prem Kumar	Security Challenges in 5G and IoT networks: A Review	October	2021	EAI/Springer Innovations in Communication and Computing series - Springer Book Chapter	Yes
286	IT	SCOPUS	International Journal	Dr. G. Edwin Prem Kumar	Impact of Internet of Things in Agriculture	November	2021	Lecture Notes in Networks and Systems	Yes
287	IT	SCOPUS	International Journal	Dr. G. Edwin Prem Kumar	A Comprehensive Overview on Impact of Trust Models in Internet of Things	January	2022	IEEE Explore	Yes
288	IT	WoS	International Journal	Dr.Keerthika T	IoT-Enabled Wireless Sensor Networks For Controlled And Safe Routing	July	2021	International Journal of Aquatic Science	Yes
289	IT	SCI	International Journal	G Shobana	measuring Patient similarity addressing personalized healthcare	June	2021	Journal of Medical Imaging and Health Informatics	Yes
290	IT	SCOPUS	International Journal	G Shobana	Utility-based SK-clustering algorithm for privacy preservation of anonymized data in healthcare	August	2021	Recent Advances in Computer Science and Communications	Yes
291	IT	SCOPUS / WoS/SCI	International Journal	Dr.A.Kousalya	A novel implementation of routing attack detection scheme by using fuzzy and feed-forward neural networks	March	2022	Soft Computing	Yes
292	IT	WOS	International Journal	Dr.N.Susila	Predictive Diagnosis of Breast Cancer using Deep Neural Network	June	2021	Bioscience Biotechnology Research Communications	Yes
293	IT	SCOPUS	International Conference	Dr.M.Rajkumar	WSN-IoT Clustering for Secure Data Transmission in E-Health Sector using Green Computing Strategy	September	2021	IEEE Conference Proceedings	Yes
294	IT	SCOPUS	International Journal	Dr.M.Rajkumar	Based Multi-Constraint Multicast Ad Hoc On-Demand Distance Vector Routing Protocol for MANETs	January	2022	EAI/Springer Innovations in Communication and Computing book series (EAIISCC)	Yes
295	IT	WOS	International Journal	Dr.M.Rajkumar	enrichment evaluation-based node cooperation technique for improving QoS in MANETs	June	2022	International Journal of Communication Systems	Yes
296	IT	SCOPUS	International Conference	Dr.A.Kousalya	Productivity Improvements in Transmissions with Cognition	March	2022	IEEE Conference Proceedings	Yes

**Sri Krishna College of Engineering and Technology
Coimbatore**

Publication details for the Year 2021-2022

S.N	DEPARTMENT	SCOPUS/WOS	National Conference / International Conference / National Journal / International Journal	Name of Faculty Member	Name of the Research Paper	Month of Publication	Year of Publication	Name of the Journal	Indexed (YES/NO)
297	IT	SCOPUS	International Journal	Diwakaran M	Digitalizing the Health Records Using Machine Learning Algorithms	August	2021	Taylor & Francis Book chapter	Yes
298	IT	SCOPUS	International Journal	Dr.N.Susila	Conspectus of K - Means Clustering Algorithm	October	2021	Applied Learning Algorithms for Intelligent IoT - Taylor & Francis Book chapter	Yes
299	IT	SCOPUS	International Conference	Dr.N.Susila	Analysis of Diabetic Retinopathy and its Causes using fuzzy c-means model	December	2021	International Conference on Computing and Communications Technologies, IEEE Xplore	Yes
300	IT	SCOPUS	International Conference	V.Sindhu	Fog based Edge learning using IoT: Concepts, Challenges and Applications	January	2022	IEEE XPLORE, International Conference on Smart Systems and Inventive Technology	Yes
301	IT	SCOPUS	International Conference	V.Sindhu	Secured Authentication and Key Sharing Using Encrypted Negative Password in Iot Devices	December	2021	International Conference on Technologies for Smart Green Computing Systems, 2021	Yes
302	IT	SCOPUS	International Journal	Kalaiarasan T R	Next-Generation IoT Use Cases across Industry Verticals Using Machine Learning Algorithms	October	2021	CRC Press, Taylor & Francis	Yes
303	IT	DS & Scopus & SCI -	International Journal	Dr.U.Barakkath Nisha	Technology Using the Fuzzy Neuro Model in Healthcare Systems	January	2022	Journal of Healthcare Engineering	Yes
304	IT	DS & Scopus & SCI -	International Journal	Dr.U.Barakkath Nisha	Healthcare Biclustering-Based Prediction on Gene Expression Dataset	February	2022	BioMed Research International	Yes
305	IT	SCOPUS	International Conference	Dr.U.Barakkath Nisha	An Efficient Approach for Customer Emotion Analytics Using Deep Learning	March	2022	Third International Conference on Intelligent Computing, Information and Control Systems	Yes
306	IT	SCOPUS	International Journal	Ratheeshkumar A.M	Performance Analysis of Enhanced Adaboost Framework in Multifacet medical dataset	November	2021	Natural Volatiles and Essential Oils	Yes
307	IT	SCOPUS	International Journal	Sruthi Anand	Trends and Transitions in the Machine Learning (ML) Space	October	2021	CRC Press, Taylor & Francis	Yes
308	IT	SCOPUS	International Conference	Dr.K.N.Sivabalan	LSAF: A Novel Comprehensive Application and Network Security Framework for Linux	June	2021	Computing and Communication Systems, ICACCS 2021	Yes
309	IT	SCOPUS	International Conference	Granty Regina Elwin J	Localization and Identification of Copy-Move Forgery using SIFR and FQRHFM	May	2021	IEEE XPLORE, 2021 5th International Conference on Intelligent Computing and Control Systems (ICICCS)	Yes
310	IT	SCOPUS	International Conference	R.Janani	Hybridization of a Novel Rheumatoid Arthritis Prediction Model Using Classifier and Optimizer Approach	April	2022	IEEE XPLORE 2022 12th International Conference on Computer Communication and Informatics 2022	Yes
311	IT	SCOPUS	International Journal	Dr.M.Mohammed Mustafa	Real-Time System for Forecasting Natural Disasters Using the Social Network	April	2022	Multimedia Technologies in the Internet of Things Environment, Studies in Big Data, Springer	Yes
312	IT	SCOPUS	International Journal	Dr. G. Edwin Prem Kumar	Soft computing models for forecasting day-ahead energy consumption	March	2022	Materials Today Proceedings	Yes
313	IT	SCOPUS	International Journal	Dr. S.Durga	IoT-Based Ensemble Method on PCG Signal Classification to Predict Heart Diseases	November	2021	EAI/Springer Innovations in Communication and Computing, Springer	Yes
314	IT	SCOPUS	International Journal	Dr. S.Durga	Prevention using Machine Learning & Deep Learning Approaches	September	2021	Taylor & Francis Book chapter	Yes
315	IT	SCOPUS	International Journal	Dr. S. Durga	Preparedness for managing pandemic using distributed mobile brokers - Using COVID 19 use case	March	2022	Materials Today Proceedings	Yes
316	IT	SCOPUS	International Journal	Dr.S.Deepa Kanmani	Effect of image transformation on EfficientNet model for COVID-19 CT image classification	March	2022	Materials Today Proceedings	Yes
317	IT	SCOPUS	International Conference	Dr.T.Keerthika	A Color based approach to detect melanoma using SVM Classifier	April	2022	International Conference on Advanced computing Technologies & Applications	Yes
318	IT	SCOPUS	International Journal	Dr.M.Mohammed Mustafa	Call-Based Smart Transportation Using Artificial Intelligence	April	2022	Multimedia Technologies in the Internet of Things Environment, Studies in Big Data, Springer	Yes

**Sri Krishna College of Engineering and Technology
Coimbatore**

Publication details for the Year 2021-2022

S.N	DEPARTMENT	SCOPUS/WOS	National Conference / International Conference / National Journal / International Journal	Name of Faculty Member	Name of the Research Paper	Month of Publication	Year of Publication	Name of the Journal	Indexed (YES/NO)
319	IT	SCOPUS	International Conference	Dr.V Anandkumar	Reliable and Secure System Design for IoT enabled E-Healthcare services for patient monitoring	December	2021	International Conference on Engineering, Medicine, Management, Arts and science	Yes
320	IT	SCOPUS	Book Chapter	Dr. G. Edwin Prem Kumal	Deep learning algorithms for wind forecasting: An overview	February	2022	Artificial Intelligence and Soft Computing for Industrial Transformation - Wiley Book Chapter	Yes
321	IT	SCOPUS	International Conference	V.Sindhu	Askify relevance based answer classifier Application	April	2022	AICTE sponsored International Conference on Recent Advances in Fog and Edge Computing	Yes
322	IT	SCOPUS	International Conference	Kalaiarasan T R	Air Quality Data Prediction Using Data Analytics	December	2021	International Conference on Engineering, Medicine, Management, Arts and science	Yes
323	IT	SCOPUS	Book Chapter	Dr.M.Arunachalam	Wireless brain interface and 6G technology:Security issues, safety mechanisms	December	2021	IGI Global - Book chapter	Yes
324	IT	SCOPUS	International Conference	Ratheeshkumar A.M	An IoT based Reinforced secured Data transmission in Artificial Intelligence	December	2021	International Conference on Engineering, Medicine, Management, Arts and science	Yes
325	IT	WOS	International Journal	Granty Regina Elwin J	Renewable Energy Integration and Impact of IoT in Grid Control	August	2021	Scrivener Publishing LLC, Wiley Online Library	Yes
326	IT	WoS & SCI	International Journal	Dr. S. Durga	intelligent resource capacity prediction in hybrid mobile cloud.	January	2022	Journal of Ambient Intelligence and Humanized Computing	Yes
327	IT	SCOPUS	International Journal	Dr.V.Anandkumar	Defense and Detection of DDOS Attack Using Secured Geographic Routing	March	2022	International Journal of Swarm Intelligence Research	Yes
328	CSBS	Scopus & WoS	International Journal	Dr.S.Balakrishnan	Optimized virtual network function provisioning technique for mobile edge cloud computing	June	2021	J Ambient Intell Human Comput	Yes
329	CSBS	Scopus & WoS	International Journal	Dr.S.Balakrishnan	scheduling optimization technique for cloud infrastructure services	July	2021	J Ambient Intell Human Comput	Yes
330	CSBS	Scopus & WoS	International Journal	Dr.S.Balakrishnan	Automated query classification based web service similarity technique using machine learning	August	2021	J Ambient Intell Human Comput	Yes
331	CSBS	Scopus & WoS	International Journal	Dr.S.Balakrishnan	predicting of data in precision agriculture based on internet of everything	September	2021	J Ambient Intell Human Comput	Yes
332	CSBS	Scopus & WoS	International Journal	Dr.S.Balakrishnan	<u>IoT for Health Monitoring System Based on Machine Learning Algorithm</u>	May	2022	Wireless Personal Communications	Yes
333	CSBS	Scopus & WoS	Conference	Dr.S.Balakrishnan	<u>Opinion Mining for Breast Cancer Disease Using Apriori and K-Modes Clustering Algorithm</u>	January	2022	Lecture Notes in Networks and Systems	Yes
334	CSBS	Scopus & WoS	International Journal	Dr.S.Balakrishnan	A Non-Invasive Check Alarm Towards Food Safety Against Scruples Using Iot For The Produce	December	2021	Nat. Volatiles & Essent. Oils	Yes
335	CSBS	Scopus & WoS	International Journal	Yasir Abdullah. R	Communication Networks Using Fuzzy Evolutionary Optimisation with Nanocore Elements in Mobile	January	2022	Journal of Healthcare Engineering	Yes
336	CSBS	Scopus & WoS	International Journal	Yasir Abdullah. R	Application of Internet of Things on the Healthcare Field Using Convolutional Neural Network Processing	January	2022	Journal of Healthcare Engineering	Yes
337	CSBS	Scopus & WoS	International Journal	Yasir Abdullah. R	Blockchain-Based Deep Learning to Process IoT Data Acquisition in Cognitive Data	February	2022	BioMed Research International	Yes
338	CSBS	Scopus & WoS	International Journal	Dr. S. Oswalt Manoj	Prognosis of Alzheimer's Disease Progression from Mild Cognitive Impairment Using Apolipoprotein-E Genotype	November	2021	Journal of Electrical Engineering and Technology	Yes
339	CSBS	Scopus	International Journal	Dr. S. Oswalt Manoj	Roadmap to Biomedical Image Segmentation and Processing-Background and Approaches	August	2021	Design Engineering	Yes
340	CSBS	Scopus	International Journal	Dr. S. Oswalt Manoj	Transform (A-NI-Swt) Filtering Method for Bio Metric Image Denoising	May	2021	Analns of the Romanian Society for Cell Biology	Yes

**Sri Krishna College of Engineering and Technology
Coimbatore**

Publication details for the Year 2021-2022

S.N	DEPARTMENT	SCOPUS/WOS	National Conference / International Conference / National Journal / International Journal	Name of Faculty Member	Name of the Research Paper	Month of Publication	Year of Publication	Name of the Journal	Indexed (YES/NO)
341	CSBS	Scopus	International Journal	Dr. S. Oswalt Manoj	Holistic Education by breaking the binaries beyond the boundaries	April	2021	Turkish Journal of Computer and Mathematics Education	Yes
342	CSBS	Scopus	International Journal	Dr. S. Oswalt Manoj	Construction with reduced Ontology Size Based Semantic Similarity	August	2021	Journal of Xi'an Shiyou University, Natural Science Edition	Yes
343	MCT	SCOPUS	International Conference	Ms. K. Ananthi	Design and Fabrication of Color based Automatic Yarn Carrier Sorting Machine	July	2021	2021 7th International Conference on Advanced Computing and Communication Systems (ICACCS)	Yes
344	MCT	SCOPUS	International Conference	Ms. K. Ananthi	Design and Fabrication of IoT based inventory control system	August	2021	2021 7th International Conference on Advanced Computing and Communication Systems (ICACCS)	Yes
345	MCT	SCOPUS	International Conference	Ms. S. Nithya Priya	Autonomous Supermarket Robot Assistance using Machine Learning	June	2021	2021 7th International Conference on Advanced Computing and Communication Systems, ICACCS 2021, pp. 996-999, 0441833	Yes
346	MCT	SCOPUS	International Conference	Mr. S. Panneerselvam	Design and Fabrication of Rocker-Bogie Pesti-Bot Using Rotary Mechanism	June	2021	2021 7th International Conference on Advanced Computing and Communication Systems, ICACCS, 2021, pp. 683-688, 0441754	Yes
347	MCT	SCOPUS	International Conference	Mr. P. M. Arunkumar	Simultaneous Localization and Mapping Technique Based Autonomous Lawn Mower	June	2021	2021 7th International Conference on Advanced Computing and Communication Systems, ICACCS, pp. 767-771, 0441727	Yes
348	MCT	SCOPUS	International Conference	Mr. T. Vignesh	Pipeline for Development of 3 Dimensional motion animation using the 2 Dimensional video	June	2021	2021 7th International Conference on Advanced Computing and Communication Systems, ICACCS, pp. 991-995, 0441831	Yes
349	MCT	SCOPUS	International Conference	Mr. S. Madhankumar	Design and Modelling of Autonomous Mobile Robot for Material Handling	June	2021	2021 7th International Conference on Advanced Computing and Communication Systems, ICACCS, pp. 738-742, 0441750	Yes
350	MCT	SCOPUS	International Conference	Mr. S. Madhankumar	Automated Moisture Remover for Drying Agricultural Products	June	2021	2021 7th International Conference on Advanced Computing and Communication Systems, ICACCS, pp. 1096-1100, 0441812	Yes
351	MCT	SCOPUS	International Conference	Mr. S. Madhankumar	Design and Modelling of Automated Hot Oven Food Dehydrator	June	2021	2021 7th International Conference on Advanced Computing and Communication Systems, ICACCS, pp. 1130-1134, 0441881	Yes
352	MCT	SCOPUS	International Journal	Ms. M. Bhuvaneshwari	Design of Solar Powered Air Purifier with Air Quality Monitoring	July	2021	Turkish Online Journal of Qualitative Inquiry, Vol. 12 No. 8 (2021)	Yes
353	MCT	SCOPUS	International Journal	Ms. M. Bhuvaneshwari	Fuzzy based clustering in CWPSN using machine learning model	June	2021	Indian Journal of Radio & Space Physics Vol.50, June 2021, pp. 90-94	Yes
354	MCT	SCOPUS/WOS	International Journal	Dr. L. Feroz Ali	Microstructural and Wear Behaviour of Al 6063-W Nanocomposites Developed Using Friction Stir Processing	August	2021	Metals and Materials International, 128	Yes
355	MCT	SCOPUS/WOS	International Journal	Dr.M.Lydia	Soft computing models for forecasting day-ahead energy consumption	March	2022	Materials Today: Proceedings	Yes
356	MCT	SCOPUS/WOS	International Journal	Dr.T.A.Selvan	Taguchi-based Grey Relational Study for Multiple Criterion Optimization on Process Variables for Micro Electro-chemical	April	2022	Materials today: Proceeding	Yes
357	MCT	SCOPUS/WOS	International Journal	Dr.T.A.Selvan	Surface Roughness Assessments and Comparative Study of Inconel 625 and Inconel 718 Alloys after Micro Electrochemical	April	2022	Materials today: Proceeding	Yes
358	MCT	SCOPUS/WOS	International Journal	Dr.D.Pritima	Analysis of spring back behaviour during bending of AISI 1045 sheet metal	May	2022	Materials today: Proceeding	Yes
359	MCT	SCOPUS/WOS	International Journal	Dr.V.Narasimharaj	Experimental study of mechanical properties of AA6061 and AA7075 alloy joints using friction stir welding	May	2021	Materials Today: Proceedings	Yes
360	MBA	Scopus	International Conference	Dr.P.Thamaraiselvi	Antecedent Model to study the impact of Organization Behavior over workplace in NBFC Sector	June	2021	2021 7th International Conference on Advanced Computing and Communication Systems (ICACCS)	Yes
361	MBA	Scopus	International Conference	Mr.T. Krishnasamy	A Novel study on Awareness and Preference of College Students towards Educational Based Mobile Application	June	2021	2021 7th International Conference on Advanced Computing and Communication Systems (ICACCS)	Yes
362	MBA	Scopus	International Journal	Mr.J.Prabhakaran	A Study on Impact of Internet usage on the Academic Performance of the Students	June	2021	Journal of Huazhong University of Science and Technology	Yes

**Sri Krishna College of Engineering and Technology
Coimbatore**

Publication details for the Year 2021-2022

S.N	DEPARTMENT	SCOPUS/WOS	National Conference / International Conference / National Journal / International Journal	Name of Faculty Member	Name of the Research Paper	Month of Publication	Year of Publication	Name of the Journal	Indexed (YES/NO)
363	MBA	WoS	National Journal	Mrs. Mehta Vani Joghee	Study on Impact of work From Home on Worklife balance of IT- Employess During Covid - 19	June	2021	Indian Journal of Natural Sciences	Yes
364	MBA	Scopus	International Conference	Ms. Binny Upadhaya	A Model to analyse the Impact of Mobile phone utility over Building Human Relationship	June	2021	2021 7th International Conference on Advanced Computing and Communication Systems (ICACCS)	Yes
365	MBA	Wos	National Journal	Ms. Binny Upadhaya	An impact of brand positioning on consumer learning and consumer loyalty	June	2021	Indian journal of natural science	Yes
366	MBA	Scopus	International Journal	Dr A Sarasu	A Study on Employee Retention with reference to IT solutions Coimbatore	July	2021	Journal of Huazhong University of Science and Technology	Yes
367	MBA	Scopus	International Journal	Mr.R.Muthukrishnan	Manipulation Tactics and Consumer Behaviour: Creating a Desire to Purchase	October	2021	Journal of Tianjin University Science and Technology	Yes
368	MBA	WoS	International Journal	Dr.K.B.Sridevi	Filling the quality gaps for a futuristic management education	October	2021	Journal of Economics and Administrative Sciences	Yes
369	MECH	Scopus/WoS	International Journal	Dr.P. Ashoka Varthanan	Experimental investigation on four-stroke catalytic coated spark-ignition engine to promote cleaner environment	Jul	2021	International Journal of Enterprise Network Management	Yes
370	MECH	Scopus/WoS	International Journal	Dr.P. Ashoka Varthanan	Investigation of mechanical and metallurgical behaviour in FSW of AA5052-H32	Dec	2021	Journal of Ceramic Processing Research.	Yes
371	MECH	Scopus/WoS	International Journal	Dr.P. Ashoka Varthanan	Prediction of weldment mechanical properties in GMAW with robot-assisted using fuzzy logic systems	Dec	2021	Materials Research express	Yes
372	MECH	Scopus	International Conference	Dr.K.Balasubramanian	An Experimental Investigation on Hot Cracking and Properties of TIG Welded AA2014 Alloy using Continuous and Pulsed Current	Oct	2021	SAE International	Yes
373	MECH	Scopus	International Conference	Dr.N.Balaji	Tribological behavior of thermal mechanical composite reinforced sisal characteristics and influence SiC filling materials	Oct	2021	SAE International	Yes
374	MECH	Scopus	International Conference	Dr.N.Balaji	Experimental Study on SS 304 Sheet Metal for Bending Process Optimization using Response Surface Method	Oct	2021	SAE International	Yes
375	MECH	Scopus	International Conference	Dr.R.Ramamoorthi	Experimental Estimates on Performances of Hybrid-Bio Fiber / Powder Strengthened Composite Structure	Oct	2021	SAE International	Yes
376	MECH	Scopus/WoS	International Journal	Dr.R.Ramamoorthi	Development of bamboo Ash-Al hybrid reinforce with Al2O3 produced by stir casting technique	Apr	2021	JCPR Journal	Yes
377	MECH	Scopus	International Conference	Dr. R.Soundararajan	Microstructural Changes and Mechanical Properties Upgrading Over Friction Stir Processing Strategies on A356 Alloy with Tungsten Nano Particle Surface Layer Composites	Oct	2021	SAE International	Yes
378	MECH	Scopus	International Conference	Dr. R.Soundararajan	Microstructure and Tribological Characteristics of the Cast A356 with Tungsten Nanoparticles-Based Surface Layer Composite Developed by Friction Stir Processing Route	Oct	2021	SAE International	Yes
379	MECH	Scopus	International Conference	Dr. R.Soundararajan	Tribological Evaluation of Organic Frictional Composites Filled with Various Nano-Solid Lubricants	Oct	2021	SAE International	Yes
380	MECH	Scopus	International Conference	Dr. R.Soundararajan	Regeneration of Waste Energy from Tire Strain and Rapid Charging Through Super-Capacitor for Electric Vehicles	Oct	2021	SAE International	Yes
381	MECH	Scopus	International Conference	Dr. R.Soundararajan	Investigation of High-Velocity Oxy-Fuel Thermal spray Coating over Mild Steel Surface as Replacement for Stainless Steel Material	Oct	2021	SAE International	Yes
382	MECH	Scopus	International Conference	Dr. R.Soundararajan	Comparing and Analysing the Static and Thermal Characteristics of Brake Disc for Three Different Materials	Oct	2021	SAE International	Yes
383	MECH	Scopus	International Conference	Dr. R.Soundararajan	Evaluating the Mechanical Behavior of Fused Deposition Modeling Parameters of Raster Angle and Layer Thickness Effects on As-Built and Annealed Polymer Associated Composites	Oct	2021	SAE International	Yes
384	MECH	Scopus/WoS	International Journal	Dr. R.Soundararajan	Assessment of Mechanical and Tribological Characteristics of A356 Reinforced with x wt% CaB6 Composites	Nov	2021	Journal of The Institution of Engineers (India): Series D	Yes

**Sri Krishna College of Engineering and Technology
Coimbatore**

Publication details for the Year 2021-2022

S.N	DEPARTMENT	SCOPUS/WOS	National Conference / International Conference / National Journal / International Journal	Name of Faculty Member	Name of the Research Paper	Month of Publication	Year of Publication	Name of the Journal	Indexed (YES/NO)
385	MECH	Scopus/WoS	International Journal	Dr. R.Soundararajan	Enhancement of tensile strength in AA6061-T6 plates joined by gas tungsten arc welding using high entropy alloy filler sheet	Jan	2022	Materials Science and Engineering A	Yes
386	MECH	Scopus/WoS	International Journal	Dr. R.Soundararajan	Evaluation of microstructure , mechanical and dry sliding wear performance of A356-(Fly ash/SiCp) Hybrid composites	Jan	2022	International Journal of metal casting	Yes
387	MECH	Scopus	International Conference	Dr.A.Rajesh	Optimization of FSW process parameters to yield maximum shear fracture load of AA2024 aluminum alloy joints	Dec	2021	IoP Conference -Journal of Physics	Yes
388	MECH	Scopus/WoS	International Journal	Dr C Samson Jerald	Developing an Empirical Relationship to Predict the Wear Characteristics of Ni-Based Hardfaced Deposits on Nuclear Grade 316L N Austenitic Stainless Steel	Oct	2021	Advance in material science engineering	Yes
389	MECH	Scopus/WoS	International Journal	Dr C Samson Jerald	Optimizing the Characteristics of the Laser Hardfacing Process Parameters to Maximize the Wear Resistance of Ni-Based Hard-Faced Deposits Using the RSM Technique	Nov	2021	Advance in material science engineering	Yes
390	MECH	Scopus/WoS	International Journal	Dr C Rajendran	Feasibility Study of FSW, LBW and TIG Joining Process to Fabricate Light Combat Aircraft Structure	Dec	2021	International Journal of Lightweight Materials and Manufacture,	Yes
391	MECH	Scopus/WoS	International Journal	Dr C Rajendran	Investigation on microstructure tensile properties of high strength AA2014-T6 aluminum alloy welds joined by pulsed CMT welding	May	2021	Advance in material science engineering	Yes
392	MECH	Scopus	International Journal	Dr. .M.Vigneshkumar	Recent developments in the Additive Manufacturing Process and its applications – A Review	Jun	2021	Paideuma	Yes
393	MECH	Scopus	International Conference	Dr. .M.Vigneshkumar	A critical review of production distribution planning models	June	2021	IEEE	Yes
394	MECH	Scopus/WoS	International Journal	Dr.R.B.Manoram	Experimental Investigation on energy and exergy analysis of solar water heating system using cobalt oxide based nanofluid	June	2021	Heat and mass transfer	Yes
395	MECH	Scopus	International Conference	Dr.S. Karthik	Effect of Various Synthetic and Natural Fibers for the Production of Copper-Free Automotive Brake Pads	Oct	2021	SAE International	Yes
396	MECH	Scopus	International Conference	Dr.S. Karthik	Physio - Mechanical and Chemical Behaviour of Surface Modified Coconut Inflorescence Fiber	Oct	2021	SAE International	Yes
397	MECH	Scopus	International Conference	Mr K N Gunasekaran	Influence of pitting corrosion on TIG welded joints of AA2024 aluminum alloy joints	Dec	2021	IoP: Journal of Physics	Yes
398	MECH	Scopus	International Conference	Mr A Sathishkumar	Assessment of Tribological Characteristics of Stir Cum Squeeze Cast AlSi7Mg with x wt % Flyash and 3wt % MoS ₂ Hybrid Composites	Out	2021	SAE International	Yes
399	MECH	Scopus	International Conference	Mr A Sathishkumar	Enhancement in Tribological Properties of Squeeze Casted A356 Alloy Through T6 Heat Treatment Process	Oct	2021	SAE International	Yes
400	MECH	Scopus	International Conference	Mr A Sathishkumar	Impact of Post Processing Methods on the Mechanical Properties of Squeeze Casted A356 Alloy	Oct	2021	SAE International	Yes
401	MECH	Scopus	International Conference	Mr A Sathishkumar	Evolution of A356 with Flyash Composites on Metallurgical Mechanical and Tribological Behaviour under Dry and Wet Conditions	Oct	2021	SAE International	Yes
402	MECH	Scopus/WoS	International Journal	Dr C Rajendran	Investigation of Shoulder diameter to Sheet Thickness (D/T) Ratio on Tensile Properties Friction Stir Welded AA2014-T6 Aluminum Alloy Joints	Aug	2021	Advances in Materials Processing and Technology	Yes
403	MECH	Scopus	International Conference	Dr.Ben ruben	Development of dedicated frame work for deployment of circular economy strategies in manufacturing organization	Aug	2022	IEOM International	Yes
404	MECH	Scopus	International Conference	Dr R Ben Ruben	Prioritization of enablers supporting deployment of lean six sigma with sustainability considerations : An ISM based approach	Aug	2022	IEOM International	Yes
405	MECH	Scopus/WoS	International Journal	Mr.N.Babu	Microstructural, mechanical tribological characterization of ZrB ₂ reinforced AZ31B surface coating made by friction stir processing	Jan	2022	Journal of adhesion science and Technology	Yes
406	MECH	Scopus	International Journal	Dr.C.Rajendran	Identifying the Effect of PWHT on Strength of Laser Beam Welding Joints of AA2024 Aluminum Alloy.	Feb	2022	ASME - Open Journal of Engineering	Yes

Sri Krishna College of Engineering and Technology Coimbatore

Publication details for the Year 2021-2022

S.N	DEPARTMENT	SCOPUS/WOS	National Conference / International Conference / National Journal / International Journal	Name of Faculty Member	Name of the Research Paper	Month of Publication	Year of Publication	Name of the Journal	Indexed (YES/NO)
407	MECH	Scopus/WoS	International Journal	Dr.C Rajendran	Investigation on Corrosion Behaviour of LM25-SiCp Composite Using Taguchi Method	March	2022	Advances in materials science and engineering	Yes
408	MECH	Scopus	International Journal	J.Diyanshwaran	Design of Control Mechanisms for Electrical Groups based on IoT Technology, for Monitoring Operating Parameters	March	2022	IEEE	Yes
409	MECH	Scopus/WoS	International Journal	Dr P.Ashokavarthanan	Experimental study on effect of nano Al ₂ O ₃ in physicochemical and tribological properties of vegetable oil sourced biolubricant blends	March	2022	Digest Journal of Nanomaterials and Biostructures	Yes
410	MECH	Scopus/WoS	International Journal	S. Ranjith kumar	Thermal analysis of counter flow concentric tube heat exchanger using Runge-Kutta method	April	2022	AIP Conference Proceedings	Yes
411	MECH	Scopus/WoS	International Journal	R.Soundrarajan	Notch tensile and dry sliding wear studies on Mg-Nd-Gd-Zn alloy	March	2022	Surface Topography: Metrology and Properties,	Yes
412	MECH	Scopus/WoS	International Journal	K.P.Yuvraj	Properties of LM 25-B 4 Cnp-Grp Hybrid Composites Manufactured by Selective Laser Melting	June	2022	Advances in Materials Science and Engineering	Yes
413	MECH	Scopus/WoS	International Journal	M. Vigneshkumar	NUMERICAL ANALYSIS OF THE EFFECT OF HEAT INPUT IN THE SPOT WELDING OF DISSIMILAR MATERIALS	March	2022	Materials and technology	Yes
414	MECH	Scopus/WoS	International Journal	Balumahendran M	Fuzzy-based optimization and linear feedback fluid actuators for soft handheld robots	June	2022	International Journal of Health science	Yes
415	MECH	Scopus/WoS	International Journal	Balumahendran M	Evaluation of image quality based on visual perception using antagonistic networks in autonomous vehicles	June	2022	International Journal of Health science	Yes
416	MECH	Scopus	International Journal	S.Vignesh	Investigating the single pass baffled solar air heater (SAH) with an organic PCM (OPCM)	Jun	2022	Materials Today proceedings	Yes
417	MECH	Scopus	International Journal	S.Vignesh	Study on emission reduction techniques by in-cylinder reduction method for compression ignition engines	March	2022	Materials Today proceedings	Yes
418	MECH	Scopus	International Journal	M.Sivasubramanian	Performance analysis of multipass tubes solar water heater using nanofluids	May	2022	Materials Today proceedings	Yes
419	MECH	Scopus/WoS	International Journal	R.Soundrarajan	Effect of cryogenic treatment on nitinol alloy reinforced with mwcnt and its effect on high temperature wear analysis	April	2022	Journal of Ceramic Processing Research.	Yes
420	MECH	Scopus/WoS	International Journal	R.B. Manoram	Implementation of BIM to Improve Organizational Capabilities	March	2022	International Journal of Health Sciences	Yes
421	MECH	Scopus/WoS	International Journal	M.Vignesh Kumar	practices through fuzzy integrated principal component analysis, gray relational analysis, and complex proportional assessment approaches	May	2022	Proceeding of Institute Engineering of Mechanical Engineering	Yes
422	MECH	Scopus/WoS	International Journal	K.P.Yuvraj	Microstructure and Mechanical Behaviour of Ti-6Al-4V Matrix Reinforced with WCp Developed by Squeeze Casting	July	2022	Journal of Nano Materials	Yes
423	MECH	Scopus/WoS	International Journal	Dr C Samson Jerold	Fiber-Reinforced Isophthalic Polyester Composites	Jan	2022	Advance in material science engineering	Yes
424	MECH	Scopus/WoS	International Journal	Dr C Samson Jerold	Welded AA6063-T6 Joints by Box-Behnken Design Approach	Feb	2022	Advance in material science engineering	Yes
425	MECH	Scopus/WoS	International Journal	Dr C Samson Jerold	Alloy-Based Hybrid Metal Matrix Composites Using Stir Casting Process	Jan	2022	Advance in material science engineering	Yes
426	S&H	WOS	International Journal	Dr.V.Ragavi	Role and significance of fruits in boosting immunity against COVID-19 infections	June	2021	Annals of Phytomedicine	Yes
427	S&H	WOS	International Journal	Ms. V. Keerthika	Neutrosophic Fuzzy Threshold Graph	June	2021	Neutrosophic Sets and Systems	Yes
428	S&H	Scopus	International Journal	Ms. R. Priyadharshini	Analysing the nature of plasma and blood flow using exact roving wave solutions of fifth order rove-time equations	June	2021	IOP Conference Series: Materials Science and Engineering	Yes

**Sri Krishna College of Engineering and Technology
Coimbatore**

Publication details for the Year 2021-2022

S.N	DEPARTMENT	SCOPUS/WOS	National Conference / International Conference / National Journal / International Journal	Name of Faculty Member	Name of the Research Paper	Month of Publication	Year of Publication	Name of the Journal	Indexed (YES/NO)
429	S&H	WOS	International Journal	Ms.K.Rajalakshmi	A CERTAIN CHARACTER CONNECTED WITH SEPARATION AXIOMS IN BINARY TOPOLOGICAL SPACES	June	2021	J. Math. Comput. Sci.	Yes
430	S&H	WOS	International Journal	Dr G Infant Sujitha	Removal of COD from Groundwater in and Around Industrial Areas-Using Activated Carbon Powder Derived from Coconut Edible and Coconut Leaf	July	2021	Oriental Journal of Chemistry	Yes
431	S&H	Scopus	International Journal	Ms.K.Rajalakshmi	ON EQUITABLE COLORING OF EXTENDED CORONA OF SOME GRAPHS	July	2021	Palestine Journal of Mathematics	Yes
432	S&H	Scopus	International Journal	Ms.K.Rajalakshmi	A STUDY ON PACKING COLORING OF FAN AND JUMP GRAPH FAMILIES	July	2021	Palestine Journal of Mathematics	Yes
433	S&H	WOS	International Journal	Ms.K.Rajalakshmi	SOME TYPES OF θ -FREEBLY CLOSED SETS IN TOPOLOGICAL SPACES	July	2021	Journal of Mathematical and Computational Science	Yes
434	S&H	WOS	International Journal	Ms.K.Rajalakshmi	On b-gs(b-sg)-closure and b-gs(b-sg)-interior of a sets in Binary Topological Spaces	July	2021	GEDRAG & ORGANISATIE REVIEW	Yes
435	S&H	WOS	International Journal	Ms. P. Revathy	Cordial labeling in some special graphs	July	2021	International Journal of Aquatic Science	Yes
436	S&H	WOS	International Journal	Mr. C. Arunpaul	Polymorphism induced magnetic transitions in Ni(OH) ₂ nanostructures	July	2021	Journal of Magnetism and Magnetic Materials	Yes
437	S&H	WOS	International Journal	Ms. N. Preethi	Decomposition of Various Graphs In To Subtractdivisor Cordial Graphs	July	2021	International Journal of Aquatic Science	Yes
438	S&H	WOS	International Journal	Dr. V. Mahalingam	Iron(III) hydrazone complexes with triphenylphosphine/triphenylarsine co-ligands: Investigation of DNA/BSA binding and cytotoxic properties of new Co(II), Ni(II) and Cu(II) hydrazone	July	2021	Inorganica Chimica Acta	Yes
439	S&H	WOS	International Journal	Dr. V. Mahalingam	Investigation of DNA/BSA binding and cytotoxic properties of new Co(II), Ni(II) and Cu(II) hydrazone	July	2021	Inorganica Chimica Acta	Yes
440	S&H	WOS	International Journal	Dr.A.Amutha	ASSESSMENT OF FOOD INSECURITY - AN EXPLORATORY STUDY OF BADAGA TRIBE AND THEIR TRADITIONAL FOOD CULTURE	August	2021	Bulletin Monumental Journal	Yes
441	S&H	Scopus	International Journal	Ms. N. Preethi	Regular domination in various Fuzzygraphs	August	2021	IOP Publishing-Journal of Physical- Conference series(BITMET 2020)	Yes
442	S&H	WOS	International Journal	Dr. I. Pradeep	Modeling and simulation of single- and double-diode PV solar cell model for renewable energy power solution	August	2021	Environmental Science and Pollution Research	Yes
443	S&H	WOS	International Journal	Dr.R.Ramesh	Association of vaccine medication for the efficacious COVID-19 treatment	August	2021	World journal of engineering	Yes
444	S&H	WOS	International Journal	Mr. D. Anandakumar	The analysis of M/M(a, b) / 1on unobservable and Partially observable waiting line with repeated vacations	September	2021	Dynamic system and application	Yes
445	S&H	WOS	International Journal	Dr. S. Packiaraj	Structural and multi-functional properties of novel thorium complex bearing higher analogue of guanidine base	September	2021	Materials Chemistry and Physics	Yes
446	S&H	Scopus	International Journal	Ms. Antonitta Eileen Pious	IoT based Automation of Hydroponics using Node MCU Interface	October	2021	IEEE xplore	Yes
447	S&H	Scopus	International Journal	Dr.M.Gomathi	on beta generalized alpha closed set in neutrosophic topological spaces	October	2021	Neutrosophic sets and system	Yes
448	S&H	WOS	International Journal	Dr. M Jeyaraj	Assessment of water Quality Using Modified water Quality Index and Geographical Information System in Madhavakulam Taluk, Tirunelveli District, Tamil Nadu.	October	2021	Oriental Journal of Chemistry	Yes
449	S&H	WOS	International Journal	Dr. M Jeyaraj	Photocatalytic degradation of persistent brilliant green dye in water using CeO ₂ /ZnO nanospheres	October	2021	Process Safety and Environmental Protection	Yes
450	S&H	WOS	International Journal	Dr. M.Sangeetha	Activating endogenous resolution pathways by soluble epoxide hydrolase inhibitors for the management of COVID-19	November	2021	Arch Pharm- archiv der pharmazie	Yes

**Sri Krishna College of Engineering and Technology
Coimbatore**

Publication details for the Year 2021-2022

S.N	DEPARTMENT	SCOPUS/WOS	National Conference / International Conference / National Journal / International Journal	Name of Faculty Member	Name of the Research Paper	Month of Publication	Year of Publication	Name of the Journal	Indexed (YES/NO)
451	S&H	Scopus	International Journal	Ms. A. Jayapradha	IoT-LoT based Denial of Service Detection with Deep Learning	December	2021	IEEE xplore	Yes
452	S&H	WOS	International Journal	Dr.R. Ramesh	Google's new AI technology detects cardiac issues using retinal scan	February	2022	Applied Nano science	Yes
453	S&H	Scopus	International Journal	Dr. S. Packiaraj	Symmetric Seed Production and Germplasm Conservation of <i>Enicostema axillare</i> (Lam.) raynal ssp. <i>littoralis</i> (Blume) sexual Union Node and Root Exudate	February	2022	Current Applied Science and Technology	Yes
454	S&H	WOS	International Journal	Mr. C. Arunpaul	Exchange bias and magnetocrystalline anisotropy of non-stoichiometric $\text{CoFe}_{3-x}\text{O}_4$ nanoparticles	February	2022	Journal of Materials Science: Materials in Electronics volume	Yes
455	S&H	Scopus	International Journal	Ms. Revathy P	Effective Coloring in Intuitionistic Fuzzy Graph	Apr	2022	ECS TRANSACTIONS	Yes
456	S&H	WOS	International Journal	Ms. ANITHA T	MACHINE LEARNING TO PROVIDE AUTOMATED, DEEPER UNDERSTANDING OF HEALTH CARE DATA TO IMPROVE PATIENT OUTCOME	April	2022	BULLETIN OF ENVIRONMENT, PHARMACOLOGY AND LIFE SCIENCES	Yes
457	S&H	WOS	International Journal	Dr. K. Chandrasekaran	Ab Initio and DFT Investigation of Effect of Substituent at the C7 Position of 4-Amino-DANA Sialidase Inhibitor	May	2022	INTERNATIONAL JOURNAL OF LIFE SCIECES AND PHARMA RESEARCH	Yes
458	S&H	Scopus	International Journal	Ms.Kalaivani K	Atom Bond connectivity index in various graphs	May	2022	The ElectroChemical Society	Yes
459	S&H	WOS	International Journal	Dr. A. Shobana	Use of computational approaches to the study of drug resis	May	2022	BULLETIN OF ENVIRONMENT, PHARMACOLOGY AND LIFE SCIENCES	Yes