

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

Publication details for the Year 2020-2021

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	AIDS	SCOPUS	International Journal	Dr. S. Venkata Lakshmi	Predicting Supervised Machine Learning Performances for Sentiment Analysis Using Contextual Based Approaches	May	2021	Journal of Physics: Conference Series	Yes
2	AIDS	WoS	International Conference	Dr. S. Venkata Lakshmi	Investigation on Bitcoin Prognosis	May	2021	2021 7th International Conference on Advanced Computing and Communication Systems, ICACCS 2021	Yes
3	CIVIL	WoS / SCOPUS	International Journal	S. Vaishnavi Devi	Utilization of Recycled Aggregate of Construction and Demolition waste as a sustainable material	February	2021	Materials today : Proceedings	Yes
4	CIVIL	WoS / SCOPUS	International Journal	D. Maruthachalam	A sustainable Approach of Characteristic Strength of Concrete Using Recycled Fine Aggregate	February	2021	Materials Today: Proceedings	Yes
5	CIVIL	SCOPUS	International Journal	P. Saravanakumar	Efficient Utilization of Recycled Concrete Aggregates for Structural Applications - An Experimental Study	January	2021	Proceeding of SECON'20 published in "Lecture notes in Civil Engineering" published by Springer	Yes
6	CIVIL	WoS / SCOPUS	International Journal	S Ramakrishnan	Adobe blocks reinforced with natural fibres: A review	January	2021	Materials Today: Proceedings	Yes
7	CIVIL	WoS / SCOPUS	International Journal	P. Saravanakumar	An Experimental study on Hybrid Fiber Reinforced Concrete Beams Subjected to Torsion	February	2021	Materials Today: Proceedings	Yes
8	CIVIL	WoS / SCOPUS	International Journal	A.Jesudass	Earthen Blocks with Natural Fibres - A Review	February	2021	Materials Today: Proceedings	Yes
9	CIVIL	WoS	International Journal	S Ramakrishnan	A Study on the Water Quality Assessment of Bhavani River in Tamil Nadu	May	2021	IOP - Material Science and Engineering as conference proceedings	NO
10	CIVIL	WoS / SCOPUS	International Journal	V. Yogeshwaran	Removal of heavy metal ion concentrations from the wastewater using tobacco leaves coated with iron oxide nanoparticles	March	2021	International Journal of Environmental Science and Technology	Yes
11	CIVIL	SCOPUS	International Journal	V. Yogeshwaran	Experimental Studies On The Removal Of Heavy Metal Ion Concentration Using Sugarcane Bagasse In Batch Adsorption Process	May	2021	Desalination and Water Treatment	Yes
12	CIVIL	WoS	International Journal	P. Saravanakumar	Usage of Fibre Content in Hemp as a Material in Building Construction	May	2021	IOP - Material Science and Engineering as conference proceedings	NO
13	CIVIL	WoS / SCOPUS	International Journal	S. C. Boobalan	A Comprehensive Review on Strength Properties for making Alccofine based High Performance Concrete	February	2021	Materials Today: Proceedings	Yes
14	CIVIL	WoS	International Journal	S. C. Boobalan	A Comprehensive Study on Utilization of Waste Materials in Concrete	May	2021	IOP - Material Science and Engineering as conference proceedings	NO
15	CIVIL	WoS	International Journal	V. Yogeshwaran	Removal of textile effluent dyes using tunic of allium cepa	May	2021	IOP - Material Science and Engineering as conference proceedings	NO
16	CIVIL	WoS	International Journal	M.R.Ezhilkumar	Ambient air quality during Covid 19 pandemic in Chennai - An urban metro city of India	May	2021	IOP - Material Science and Engineering as conference proceedings	NO
17	CIVIL	WoS / SCOPUS	International Journal	S. Sadheesh	Adsorption Of Endosulfan From Aqueous Solution Using Graphene Clay Matrix (Gcm)	March	2021	Materials Today: Proceedings	Yes
18	CIVIL	WoS	International Journal	S. Sadheesh	Contaminated water treatment with Activated charcoal build from cocoa pod husk	May	2021	IOP - Material Science and Engineering as conference proceedings	NO
19	CIVIL	WoS	International Journal	S Ramakrishnan	Experimental Study on Properties of Concrete Paver Blocks by Partially Replacing Cement with Granite Powder	May	2021	IOP - Material Science and Engineering as conference proceedings	NO
20	CIVIL	WoS	International Journal	A.Jesudass	Earthen blocks with synthetic fibres - A Review	May	2021	IOP - Material Science and Engineering as conference proceedings	NO
21	CIVIL	WoS	International Journal	D. Maruthachalam	Type Radiation Resisting High Density Concrete - A General Review	May	2021	IOP - Material Science and Engineering as conference proceedings	NO
22	CIVIL	WoS	International Journal	Preethi G	Review on indoor air quality in Indian buildings	May	2021	IOP - Material Science and Engineering as conference proceedings	NO

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23	CIVIL	WoS	International Journal	Preethi G	Experimental Investigation on Construction of Masonry wall with Crumb Rubber Concrete Blocks	May	2021	IOP - Material Science and Engineering as conference proceedings	NO
24	CIVIL	WoS	International Journal	P.Saravanakumar	Behaviour of Alkali Activated Concrete under Marine Conditions	June	2020	IOP Conference Series: Materials Science and Engineering	Yes
25	CIVIL	WoS	International Journal	V. Yogeshwaran	Adsorption of Lead ion concentration from the aqueous solution using tobacco leaves	June	2020	Materials today : Proceedings	Yes
26	CIVIL	WoS	International Journal	Vighnesh R, Prabhath Ranjan Kumar S	Improvements in mechanical and durability parameters of bio engineered concrete with metakaolin as a partial substitute for cement	July	2020	European Journal of Environmental and Civil Engineering	Yes
27	CIVIL	WoS	International Journal	M.R.Ezhilkumar	Analysis of vertically measured PM2.5 and PM10 in street canyons and cohort health risk estimation at Chennai	August	2020	Environmental Engineering Science	Yes
28	CIVIL	WoS	International Journal	R.Vighnesh	Usage of Insulated refractory castable furnace for making joint less bangles	October	2020	Materials today : Proceedings	Yes
29	CIVIL	WoS	International Journal	D. Maruthachalam	Analytical Examination of Reinforced Concrete with Hybrid Fibres Exterior Beam Column Joint	December	2020	IOP Conference Series: Materials Science and Engineering	Yes
30	CIVIL	WoS	International Journal	S. C. Boobalan, V.	Performance of Sustainable Concrete with Crushed Rock Fines - A Review	December	2020	IOP Conference Series: Materials Science and Engineering	Yes
31	CIVIL	WoS	International Journal	Ramakrishnan S	Study on current trend in traffic volume count: Analysis of various modes	December	2020	IOP - Material Science and Engineering as conference proceedings	Yes
32	CIVIL	WoS / SCOPUS	International Journal	M.R.Ezhilkumar	Vertical transport of PM2.5 and PM10 and its source identification in the street canyons of Chennai metropolitan city, India	January	2021	Atmospheric Pollution Research	Yes
33	ECE	Scopus & WoS	International Journal	Dr. C.Thirumarai Selvi	A modified saip swarm algorithm (SSA) combined with a chaotic coupled map lattices (CML) approach for the secured encryption and compression of medical images during data	February	2021	Biomedical Signal Processing and Control	Yes
34	ECE	Scopus Only	International Journal	Ms. B.Anish Fathima	A Novel Inter-Vehicle Communication Exploring Wide Range Traffic Collision Prevention with Cognitive Radio Technology	November	2020	European Journal of Molecular & Clinical Medicine	Yes
35	ECE	Other Peer Reviewed	International Journal	Ms.K.Priyadharsini	A Novel methodology for smart soil management and health Assessment System To Support The Contemporary Cultivation Using AI On Mobile App Environment	September	2020	International Journal of Advanced Science and Technology	Yes
36	ECE	Scopus & WoS	International Journal	Dr.D.Mohana Geetha	A novel multi functional multi parameter concealed cluster based data aggregation scheme for wireless sensor networks (SIMAP-CDA)	Nov	2020	Wireless Networks	Yes
37	ECE	Other Peer Reviewed	International Journal	Ms. D.V.Soundari	A Smart Afforestation method using Autonomous Quadcopter	July	2020	International Journal of Advanced Science and Technology	Yes
38	ECE	Scopus & WoS	International Journal	Dr.B. Maruthi Shankar	A stochastic model for secured online transaction using Monty Hall problem	Feb	2021	Elsevier - Materials Today Proceedings	Yes
39	ECE	Scopus & WoS	International Journal	Dr.B. Maruthi Shankar	An automatic identification of lung tumor by using CNN network and fuzzy-clustering algorithm	May	2021	Materials Today Proceedings	Yes
40	ECE	WoS Only	International Journal	Ms S.M.Asha Banu	An Extensive Survey on Metamaterial Based Antenna Design for Breast Cancer Detection	July	2020	Journal of Complementary Medicine Research	Yes
41	ECE	WoS Only	International Journal	Dr. S.Sophia	An Improved load-balancing task allocation scheme for MCS systems	June	2020	WAFFEN-UND KOSTUMKUNDE JOURNAL	Yes
42	ECE	Scopus Only	International Journal	Ms.K.Priyadharsini	An Novel System For Surgical Gloves Removing And Reusing - Iot Approach	Feb	2021	International Journal of Lightweight Materials and Manufacture	Yes
43	ECE	Scopus & WoS	International Journal	Dr.B. Maruthi Shankar	Analysis of Connected word recognition systems using Levenberg Marquardt Algorithm for cockpit control in unmanned aircrafts	Feb	2021	Elsevier - Materials Today Proceedings	Yes
44	ECE	Scopus & WoS	International Journal	Dr.A.Albert Raj	Analysis of Silica based Prosthetic Human Teeth using 3D Printing Machine for Dental Assistance (Materials Today)	May	2021	Elsevier - Materials Today Proceedings	Yes

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45	ECE	WoS Only	International Journal	Dr.B. Maruthi Shankar	Brainwave Based Mind Control For patients	Oct	2020	International Journal of Future Generation Communication and Networking	Yes
46	ECE	WoS Only	International Journal	Dr.M.Ramkumar	Classification of ECG Cardiac Arrhythmia using Genetic Algorithm-Support Vector Machines	Dec	2020	Bioscience Biotechnology Research Communications	Yes
47	ECE	Scopus & WoS	International Journal	Mr. R.Sarath Kumar	Classification using fundus image of eye by CNN method and selfsufficient glaucoma detection using IOT (Elsevier)	Feb	2021	Elsevier - Materials Today Proceedings	Yes
48	ECE	Scopus & WoS	International Journal	Ms. N. Kalaivani	Convolutional networks for motion detection in smart gadgets	Feb	2021	Materials Today: Proceedings	Yes
49	ECE	Scopus & WoS	International Journal	Dr. V. Nandalal	Cross Layer Security Based Intrusion Detection System (CLS-IDS) for Securing Wireless Sensor Network (WSN)	April	2021	Dynamic Systems and Applications	Yes
50	ECE	Scopus & WoS	International Journal	Dr. V. Nandalal	Design and Analysis of (5, 10) Regular LDPC Encoder Using MRP Technique	January	2021	Wireless Personal Communications	Yes
51	ECE	Scopus Only	International Journal	Ms. B.Anish Fathima	Design and Analysis of Energy Efficient Domino Logic Architectures with Single Electron Transistors in Pull Down Network and Keeper Topology	November	2020	EAI transactions on Energy Web	Yes
52	ECE	Scopus & WoS	International Journal	Ms. N.Nanthini	Design of rectenna for wireless sensor networks	May	2021	Elsevier - Materials Today	Yes
53	ECE	Other Peer Reviewed	International Journal	Dr.M.Ramkumar	Determination of Cardiac Pumping Function and Blood Flow in Detecting the High Pressure and Low-Pressure Conditions	October	2020	International Journal of Modern Agriculture	Yes
54	ECE	Scopus & WoS	International Journal	Ms.G.Saranya	Efficient model for IoT based Railway Crack Detection system	May	2021	Elsevier - Materials Today	Yes
55	ECE	Scopus Only	International Journal	Dr. S.Sasipriya	Efficient vehicle parking system using cloud based IoT	June	2020	European Journal of Molecular and Clinical Medicine	Yes
56	ECE	Scopus & WoS	International Journal	Dr.B. Maruthi Shankar	Electronic currency note sterilizer machine	Feb	2021	Elsevier - Materials Today Proceedings	Yes
57	ECE	Scopus & WoS	International Journal	Mr. V.Karthik	Energy efficient distance based clustering protocol for heterogeneous wireless sensor networks	May	2021	Elsevier - Materials Today Proceedings	Yes
58	ECE	Scopus & WoS	International Journal	Ms. D.V.Soundari	Enhancing network-on-chip performance by 32-bit RISC processor based on power and area efficiency	May	2021	Materials Today: Proceedings	Yes
59	ECE	Scopus Only	International Journal	Dr. S.Sasipriya	Face Recognition based New Generation ATM System	June	2020	European Journal of Molecular & Clinical Medicine	Yes
60	ECE	Scopus Only	International Journal	Dr.S.Jayanthi Sree	Fetal Ultrasound Image Segmentation using Fuzzy Connectedness Algorithm	Oct	2020	Advances in Mathematics: Scientific Journal	Yes
61	ECE	WoS Only	International Journal	Dr.D.Selvakumar	Hand gesture control Robot for fire detection and prevention	October	2020	International Journal of Future Generation Communication and Networking	Yes
62	ECE	Scopus & WoS	International Journal	Ms. B.Vidhya	High performance area measurement system for leather industries	Feb	2021	Elsevier - Materials Today Proceedings	Yes
63	ECE	Scopus & WoS	International Journal	Mr.S.P.Premnath	Image restoration model using Jaya-Bat optimization-enabled noise prediction map	March	2021	IET Image Processing	Yes
64	ECE	Scopus Only	International Journal	Ms. B.Anish Fathima	Intrusion Detection System with machine learning approach	April	2021	International Journal for science and advanced research in technology	Yes
65	ECE	Scopus & WoS	International Journal	Ms. D.V.Soundari	Liver tumor diagnosis by using hybrid watershed segmentation method	Feb	2021	Elsevier - Materials Today Proceedings	Yes
66	ECE	Scopus & WoS	International Journal	Dr. C.Thirumarai Selvi	Medical image encryption and compression by adaptive sigma filtered synnorr certificateless signcryptive Levenshtein entropy-coding based deep neural learning	April	2021	Multimedia Systems	Yes

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67	ECE	Scopus Only	International Journal	Dr.D.Selvakumar	MICROBIAL PRODUCTION OF SINGLE CELL OIL FROM WASTES AND ITS INDUSTRIAL APPLICATIONS	November	2020	Journal of Natural Remedies	Yes
68	ECE	Scopus Only	International Journal	Mr. V.Karthik	Multiband Circular Monopole Metamaterial Antenna with Improved Gain	March	2021	Journal of Computational and Theoretical Nanoscience	Yes
69	ECE	Scopus & WoS	International Journal	Ms.K.Priyadharsini	Nickel material based battery life and vehicle safety management system for automobiles	Feb	2021	Elsevier - Materials Today	Yes
70	ECE	Scopus & WoS	International Journal	Mr.S.P.Premnath	Performance and optimization of parameters on rubber punching process	May	2021	Materials Today Proceedings	Yes
71	ECE	Scopus & WoS	International Journal	Ms. D. Devi	Self-destruction of data in cloud using asymmetric key with key generator (Elsevier)	Feb	2021	Elsevier - Materials Today Proceedings	Yes
72	ECE	Scopus & WoS	International Journal	Ms.K.Priyadharsini	Sensor Based Health Monitoring and Controlling of Vehicle using IoT	January	2021	Elsevier - Materials Today	Yes
73	ECE	Scopus & WoS	International Journal	Dr. V.R. Balaji	Skin disease detection and segmentation using dynamic graph cut algorithm and classification through Naive Bayes classifier	Oct	2020	Measurement: Journal of the International Measurement Confederation	Yes
74	ECE	Scopus & WoS	International Journal	Mr. N.Girinath	Suppression of four wave mixing effect in DWDM system	January	2021	Elsevier - Materials Today Proceedings	Yes
75	ECE	Scopus Only	International Journal	Dr. S.Sophia	Optimization receptive technology mapping in submicron Designs for Better Predictability in Power, Performance and Area	February	2021	Solid State Technology	Yes
76	ECE	Scopus Only	International Journal	Ms. N.Nanthini	War field soldier body condition monitoring system	February	2021	Materials Today: Proceedings	Yes
77	ECE	Scopus Only	International Conference	Ms.D.A.Janeera	A Brain Computer Interface Based Patient Observation and Indoor Locating System with Capsule Network Algorithm	July	2020	Chen JZ., ravares J., Shukya S., Miyasu A. (eds) Image Processing and Capsule Networks. ICIPCN 2020. Advances in Intelligent Systems and Computing	Yes
78	ECE	Scopus Only	International Conference	Dr. S.Sophia	A Comparative Study on minimum skew Clock tree distribution algorithms for high-speed Digital Integrated Circuits	May	2021	Journal of Physics: Conference Series, volume 1916, 2021 International Conference on Computing, Communication, Electrical and Biomedical Systems (ICCCCEBS) 2021 25-26	Yes
79	ECE	Scopus Only	International Conference	Dr.M.Ramkumar	A Graphical User Interface based Heart Rate Monitoring process and Detection of PQRST peaks from ECG Signal	April	2021	Lecture Notes in Networks and Systems	Yes
80	ECE	Scopus Only	International Conference	Ms.J.Jeya Padmini	A Non-invasive Way of Diagnosing Diabetes Based on the Heart Beat Rate	August	2020	4th International Conference on Inventive Systems and Control, ICISC 2020	Yes
81	ECE	Scopus Only	International Conference	Ms. N.Nanthini	A Novel Deep learning and Machine Learning powered approach for Image Forgery Detection	February	2021	6th International Conference on Inventive Computation Technologies, ICICT 2021	Yes
82	ECE	Scopus Only	International Conference	Mr. N.Girinath	A Novel Low Noise Instrumentation Amplifier for Bio-Medical applications	March	2021	First International Conference on Circuits, signals, systems and Securities (ICSSS 2020) 11th-12th December 2020, Tamil Nadu, India	Yes
83	ECE	Scopus Only	International Conference	Mr.J.R.Dinesh Kumar	A Systematic ML Based Approach for Quality Analysis of Fruits Impudent	April	2021	2021 Third International Conference on Intelligent Communication Technologies and Virtual Mobile Networks (ICICVT)	Yes
84	ECE	Scopus Only	International Conference	Dr.D.Selvakumar	A Vehicle accident detection and driver surveillance	December	2020	International Conference on Recent Developments in Robotics, Embedded and Internet of Things (ICRDEIOT2020)	Yes
85	ECE	Scopus Only	International Conference	Dr. M. Karpagam	ACO enhanced RILoD-IN scheme for WSN	Oct	2020	2020 International Conference on Smart Electronics and Communication (ICOSEC)	Yes
86	ECE	Scopus Only	International Conference	Dr. M. Karpagam	Advanced Hyperchaotic Image Encryption Technic with DNA Sequence	May	2021	Journal of Physics: Conference Series, volume 1916, 2021 International Conference on Computing, Communication, Electrical and Biomedical Systems (ICCCCEBS) 2021 25-26	Yes
87	ECE	Scopus Only	International Conference	Ms.K.Priyadharsini	AI-ML Based Approach in Plough to Enhance the Productivity	April	2021	2021 Third International Conference on Intelligent Communication Technologies and Virtual Mobile Networks (ICICVT)	Yes
88	ECE	Scopus Only	International Conference	Mr. V.Karthik	Ameliorated Reversibility in RDH-DSC of AES Encrypted Images for providing Authentication	Sept	2020	2020 International Conference on Communication and Signal Processing (ICCSF)	Yes

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89	ECE	Scopus Only	International Conference	Mr.J.R.Dinesh Kumar	An Experimental Analysis of Lifi and Deployment on Localization Based Services & Smart Building	March	2021	2021 International Conference on Emerging Smart Computing and Informatics (ESCI)	Yes
90	ECE	Scopus Only	International Conference	Ms.K.Priyadharsini	An Experimental Investigation on Communication Interference and Mitigation during Disaster Using Lifi Technology	Oct	2020	2020 International Conference on Smart Electronics and Communication (ICOSEC) - IEEE xplore	Yes
91	ECE	Other Peer Reviewed	International Conference	Mr.J.R.Dinesh Kumar	An Experimental Study of Outgrowth of Plants in Horticulture using IoT	December	2020	International Conference on IoT Based Control Networks and Intelligent Systems ICICNIS 2020	Yes
92	ECE	Scopus Only	International Conference	Dr.R.Senthil Ganesh	An Intelligent and Hybrid Method of Combining Spatial and Frequency Representation for Digital Image Steganography	January	2021	Third International Conference on Intelligent Sustainable Systems [ICISS 2020]	Yes
93	ECE	Scopus Only	International Conference	Mr.J.R.Dinesh Kumar	An Intelligent Framework for Traffic Management System Using Narrow Band-IoT	April	2021	International virtual Conference on Robotics, Automation, Intelligent Systems and Energy (IVC RAISE 2020) Erode, India	Yes
94	ECE	Scopus Only	International Conference	Dr.S.Karthika	Analysis of Dynamic Frequency Reuse Techniques in LTE - A Cellular Network	December	2020	International Conference on Recent Developments in Robotics, Embedded and Internet of Things (ICRDEICT) 2020	Yes
95	ECE	Scopus Only	International Conference	Dr. V. Nandalal	Anti-Theft Fuel Level Detector with Vehicle Tracking	May	2021	Journal of Physics: Conference Series, volume 1916, 2021 International Conference on Computing, Communication, Electrical and Biomedical Systems (ICCCCEBS) 2021.25.26	Yes
96	ECE	Scopus Only	International Conference	Ms. D.V.Soundari	Artificial Intelligence based Efficient Phenotyping for Agronomics	January	2021	3rd International conference on Intelligent Sustainable Systems	Yes
97	ECE	Scopus Only	International Conference	Dr.R.Senthil Ganesh	Artificial Intelligence Based Smart Facial Expression Recognition Remote Control System	May	2021	Third International Conference on Computing Methodologies and Communication Computing Methodologies 2021 (ICCMC 2021)	Yes
98	ECE	Scopus Only	International Conference	Mr. R.Sarath Kumar	Artificial Neural Network based ECG Signal Classification and the Cardiac Arrhythmia identification	April	2021	Lecture Notes in Networks and Systems	Yes
99	ECE	Scopus Only	International Conference	Mr. N.Girinath	Automatic Alert for Accident Detection and rescue based on Wireless Technology	May	2021	2021 5th International Conference on Intelligent Computing and Control Systems (ICICCS)	Yes
100	ECE	Scopus Only	International Conference	Ms.D.Ruth Anita Shirley	Automatic Distributed Gardening System Using Object Recognition and Visual Servoing	Sept	2020	Scopus indexed conference- ICICCT 2020	Yes
101	ECE	WoS Only	International Conference	Ms. D. Devi	Blockchain Based Mechanism to Eliminate Frauds and Tampering of Land Records	January	2021	ICITSD2021	Yes
102	ECE	Scopus Only	International Conference	Ms. N.Nanthini	Deep Learning approach for Minimizing Disease Spread using Face Identification and Contact Tracing	November	2020	4 th International conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud) (I-SMAC 2020)	Yes
103	ECE	Scopus Only	International Conference	Ms. N. Kalaivani	Deep Learning Based Lung Cancer Detection and Classification	December	2020	International Conference on Recent Developments in Robotics, Embedded and Internet of Things (ICRDEICT) 2020	Yes
104	ECE	Scopus Only	International Conference	Dr.A.Albert Raj	Design of Indoor Air Quality Monitoring System to ensure a healthy Universe (IEEE)	Oct	2020	2020 International Conference on Smart Electronics and Communication (ICOSEC)	Yes
105	ECE	Scopus Only	International Conference	Mr. S.P.Karthi	Detection & Detecting Approach for primary user Emulation Attacking cognitive radio network	February	2021	IOP CONFERENCE SERIES : MATERIALS SCIENCE AND ENGINEERING	Yes
106	ECE	Scopus Only	International Conference	Ms.G.Saranya	Digital Photogrammetry for Fruit Disease Identification	December	2020	International Conference on Recent Developments in Robotics, Embedded and Internet of Things (ICRDEICT) 2020	Yes
107	ECE	Scopus Only	International Conference	Dr.M.Ramkumar	ECG Arrhythmia Signals Classification Using Particle Swarm Optimization-Support Vector Machines Optimized with Independent Component Analysis	March	2021	First International Conference on Circuits, Signals, Systems and Securities ICCSS 2020	Yes
108	ECE	Scopus & WoS	International Conference	Dr.M.Ramkumar	ECG Cardiac arrhythmias Classification using DWT, ICA and MLP Neural Networks	April	2021	ROBOTICS AND ARTIFICIAL INTELLIGENCE 2020	Yes
109	ECE	Scopus Only	International Conference	Ms.H.Muneera Begum	Edge Preserving Filter Selection for Noise Removal and Histogram Equalization	Oct	2020	2020 International Conference on Smart Electronics and Communication (ICOSEC)	Yes
110	ECE	Scopus Only	International Conference	Mr. R.Sarath Kumar	Electrocardiogram signal Classification for the Detection of Abnormalities using Discrete Wavelet Transform and Artificial Neural Network Back Propagation Algorithm	May	2021	Lecture Notes in Electrical Engineering	Yes

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111	ECE	Scopus Only	International Conference	Mr. R.Sarath Kumar	Enhanced algorithm for biometric based secret data hiding	Feb	2021	Materials science and engineering	Yes
112	ECE	Scopus Only	International Conference	Ms. D.V.Soundari	Enhanced Security Feature of ATM's Through Facial Recognition	May	2021	2021 5th International Conference on Intelligent Computing and Control Systems (ICICCS)	Yes
113	ECE	Scopus Only	International Conference	Dr. V. Nandalal	Fire Detection System Using Machine Learning	May	2021	Journal of Physics: Conference Series, volume 1916, 2021 International Conference on Computing, Communication, Electrical and Biomedical Systems (ICCCCS) 2021 25-26	Yes
114	ECE	Scopus Only	International Conference	Mr.S.P.Premnath	Image Denoising Using Various Image Enhancement Techniques	Sept	2020	Intelligent Computing and Applications. Advances in Intelligent Systems and Computing	Yes
115	ECE	Scopus Only	International Conference	Ms. D.V.Soundari	Improved Energy Efficiency of Massive MIMO-OFDM	May	2021	2021 5th International Conference on Intelligent Computing and Control Systems (ICICCS)	Yes
116	ECE	Scopus Only	International Conference	Mr. S.P.Karthi	Innovative and Smart Methodology towards Kidney Disease Detection in Earlier Stage	October	2020	IOP Conference Series: Materials Science and Engineering	Yes
117	ECE	Scopus Only	International Conference	Dr.B. Maruthi Shankar	Internet of Things based Smart Flood forecasting and Early Warning System	May	2021	2021 5th International Conference on Computing Methodologies and Communication (ICCMC)	Yes
118	ECE	Scopus & WoS	International Conference	Ms.H.Muneera Begum	Internet of Things based Wild Animal Infringement Identification, Diversion and Alert System	June	2020	Proceedings of the 5th International Conference on Inventive Computation Technologies, ICICT 2020	Yes
119	ECE	Scopus Only	International Conference	Dr. S.Sasipriya	Intrusion Detection System in Web Applications (IDSWA)	May	2021	2021 5th International Conference on Intelligent Computing and Control Systems (ICICCS)	Yes
120	ECE	Scopus Only	International Conference	Ms.K.Priyadharsini	Intuitive and Impulsive Pet (IIP) Feeder System for Monitoring the Farm Using WoT	April	2021	International Conference on Sustainable Expert Systems	Yes
121	ECE	Scopus Only	International Conference	Ms.P.Anitha	Investigation of techniques to recognize optimal power structuring of vedic multiplier	June	2020	Lecture Notes in Electrical Engineering	Yes
122	ECE	Scopus Only	International Conference	Dr.R.Senthil Ganesh	IoT Based Smart Energy Forecasting and Data Logging System	May	2021	5th International Conference on Computing Methodologies and Communication (ICCMC 2021)	Yes
123	ECE	Scopus Only	International Conference	Ms. D. Devi	IoT_DeepLearning based prediction of amount of pesticides and diseases in fruits	October	2020	International Conference on Smart Electronics and communication IOCSEC2020	Yes
124	ECE	Scopus Only	International Conference	Ms.C.Bagavathi	Machine Learning for Interpretation of Brain Images: A Detailed Analysis through survey	April	2021	International Conference on Computing, Communication, and Intelligent Systems (ICCCIS)	Yes
125	ECE	Scopus Only	International Conference	Ms. N. Kalaivani	Medical Image Retrieval Using Convolution Neural Networks	December	2020	International Conference on Recent Developments in Robotics, Embedded and Internet of Things (ICRDEIoT2020)	Yes
126	ECE	Scopus Only	International Conference	Ms.D.A.Janeera	Neural Network based Real Time Sign Language Interpreter for Virtual Meet	April	2021	5th International Conference on Computing Methodologies and Communication (ICCMC 2021)	Yes
127	ECE	Scopus Only	International Conference	Mr.J.R.Dinesh Kumar	Performance Investigation of Various SRAM Cells for IoT Based Wearable Biomedical Devices	Sept	2020	Springer - Lecture notes in Network and Systems	Yes
128	ECE	Scopus Only	International Conference	Dr.M.Ramkumar	Probabilistic Feature Extraction Techniques for Electrocardiogram Signal-A Review	March	2021	First International Conference on Circuits, Signals, Systems and Securities ICCSS 2020	Yes
129	ECE	Scopus Only	International Conference	Ms.D.Ruth Anita Shirley	QR-BASED INVENTORY MANAGEMENT SYSTEM (QR-IMS) OF PASSENGER LUGGAGE USING WEBSITE	May	2021	2021 5th International Conference on Intelligent Computing and Control Systems (ICICCS)	Yes
130	ECE	Scopus Only	International Conference	Dr. V.R. Balaji	Radar basis Function neural network based Speech Enhancement System using Slantlet Transform through Hybrid Vector Wiener Filter	Sep	2020	Lecture Notes in Networks and Systems	Yes
131	ECE	Scopus Only	International Conference	Dr. V. Nandalal	Raspberry Pi based Smart Library for visually Challenged People	Nov	2020	IEEE Xplore	Yes
132	ECE	Scopus Only	International Conference	Ms. D. Devi	Real Time Cognitive State Prediction Analysis using Brain Wave Signal	Dec	2020	IOP Conference Series: Materials Science and Engineering	Yes

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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 & WoS	International Conference	Dr. S.Sasipriya	Road Traffic Condition Monitoring using Deep Learning	June	2020	Proceedings of the 5th International Conference on Inventive Computation Technologies, ICICT 2020	Yes
134	ECE	Scopus Only	International Conference	Dr. C.Thirumarai Selvi	Role of Wireless Wearable Technologies in Recent Advancements	March	2021	2021 Third International Conference on Intelligent Communication Technologies and Virtual Mobile Networks (ICICTV)	Yes
135	ECE	Scopus & WoS	International Conference	Dr. V. Nandalal	Secure E-Health using Images Steganography	June	2021	National Virtual Conference on Advanced Informatics, Electronics and Vision 2021 (NCAIEV'21)	Yes
136	ECE	Scopus Only	International Conference	Dr.A.Albert Raj	Security Enhancement of Information using Multilayered Cryptographic Algorithm	July	2020	4th International Conference on Trends in Electronics and Informatics	Yes
137	ECE	Scopus Only	International Conference	Ms.D.A.Janeera	Smart Embedded Framework using Arduino and IoT for Real-Time Noise and Air Pollution Monitoring and Alert system	March	2021	International Conference on Artificial Intelligence and Smart Systems (ICAIS-2021)	Yes
138	ECE	Scopus Only	International Conference	Dr. V. Nandalal	Smart Health Monitoring Bodyarea Network Using Raspberry Pi	May	2021	International Conference on Computing, Communication, Electrical and Biomedical Systems (ICCCCEBS) 2021 25-26	Yes
139	ECE	Scopus Only	International Conference	Dr. V.R. Balaji	Smart Home Automation System Using Wireless Sensor Networks	May	2021	International Conference on Computing, Communication, Electrical and Biomedical Systems (ICCCCEBS) 2021 25-26	Yes
140	ECE	Scopus Only	International Conference	Ms. B.Vidhya	Smart Home- Making IoT Happen	January	2021	ICISS2020 : 3rd Scopus-Indexed IEEE International Conference on Intelligent Sustainable Systems (ICISS 2020)	Yes
141	ECE	Scopus Only	International Conference	Mr.S.Karthik	Smart On-board Vehicle-to-Vehicle Interaction Using Visible Light Communication for Enhancing Safety Driving	March	2021	Lecture Notes in Networks and Systems	Yes
142	ECE	Scopus Only	International Conference	Dr.D.Selvakumar	Smart Solar Panel using Light Dependent Resistors	December	2020	International Conference on recent Developments in Robotics, Embedded and Internet of Things (ICREDIoT2020)	Yes
143	ECE	Other Peer Reviewed	International Conference	Ms.K.Priyadharsini	Smart Surveillance System for Controlling Pandemic Diseases in Airports	December	2020	International Conference on IoT Based Control Networks and Intelligent Systems - ICICNIS 2020	Yes
144	ECE	Scopus Only	International Conference	Ms.G.Saranya	Smart System for Diagnosing and Monitoring Oral Diseases	May	2021	2021 5th International Conference on Intelligent Computing and Control Systems (ICICCS)	Yes
145	ECE	Scopus & WoS	International Conference	Dr.S.Jayanthi Sree	Texture based Clustering Technique for Fetal Ultrasound Image Segmentation	May	2021	International Conference on Computing, Communication	Yes
146	ECE	Scopus Only	International Conference	Dr.S.Jayanthi Sree	Traffic Sign recognition using Deep learning for Autonomous driverless vehicles	May	2021	5th International Conference on Computing Methodologies and Communication,	Yes
147	ECE	Scopus Only	International Conference	Mr. S.P.Karthi	Ultra-Low Power Memory Circuit Unit for Space Application.	March	2021	ICCSSS 2020	Yes
148	ECE	Scopus Only	International Conference	Dr. M. Karpagam	Vehicular ADHOC Network Based Safety Improvement	May	2021	Journal of Physics: Conference Series, Volume 1916, 2021 International Conference on Computing, Communication, Electrical and Biomedical Systems (ICCCCEBS) 2021 25-26 March 2021, Coimbatore, India	Yes
149	ECE	Scopus Only	International Conference	Ms.D.A.Janeera	Visualization and Classification of Diseases using Deep Learning Based Convolution Neural Network	July	2020	IOP Conference Series: Materials Science and Engineering, Volume 937, Recent Trends on Renewable Energy Smart Grid and Electric Vehicle Technologies (RESGEVT 2020) 9 July 2020, Vellore, India	Yes
150	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	Published

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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 & 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	Published
152	ECE	Scopus & WoS	International Journal	Mr. R.Sarath Kumar	CNN & LSTM using python for automatic image captioning	December	2020	Elsevier - Materials Today Proceedings	Published
153	ECE	Scopus & WoS	International Journal	Dr. S.Sasipriya	Hybrid QOS-DSCA Based Femtocell in MANETs and Implementation of EEQRPI-MRP Protocol for Interference Mitigation	November	2020	Elsevier - Materials Today Proceedings	Published
154	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	Published
155	ECE	Scopus & WoS	International Journal	Dr.D.Mohana Geetha	Smart fertilizer management system based on IoT chlorophyll meter	December	2020	Elsevier - Materials Today Proceedings	Published
156	ECE	Scopus & WoS	International Journal	Dr. M. Karpagam	Smart Parking Guidance System Using RASPBERRY - PI	Dec	2020	Elsevier - Materials Today Proceedings	Published
157	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
158	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	Published
159	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	Published
160	IT	Scopus	International Journal	Haribaabu	Analysis of Filters in ECG Signal for Emotion Prediction	June	2020	International Journal of Pharmaceutical Research	Yes
161	IT	Scopus	International Conference	Shylaja	Evolution of Lung CT Image Dataset and Detection of Disease	June	2020	Lecture Notes in Networks and Systems	Yes
162	IT	Scopus	International Journal	Sophia. S	A simulator for real time monitoring of group elevators	October	2020	Solid state technology	Yes
163	IT	Scopus	International Journal	Sophia. S	A Survey on Feature Selection Based Spam Review Detection using Deep Learning Techniques	October	2020	International Journal of Advanced Information and Communication Technology	Yes
164	IT	Scopus	International Journal	R. Janani	Internet of things Farming in Hydroponics	October	2020	Solid state technology	Yes
165	IT	WOS	International Journal	Dr. Ranjana	Application of Machine Learning Techniques in Data Centre Energy Management	July	2020	Journal of Contemporary Issues in Business and Government	Yes

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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	IT	WOS	International Journal	Dr. Esther Daniel	DSDA: A Desirable and Secure Deduplication Approach for Outsourced Data in Cloud Environment	July	2020	Journal of Contemporary Issues in Business and Government	Yes
167	IT	Scopus	International Journal	Granty Regina Elwin J	Monitoring water Quality in Marine Environment Using Iot and Reusable WSNs	June	2020	TEST Engineering and Management	Yes
168	IT	Scopus	International Journal	Dr.Syed Muzhamil Basha	Congestion aware energy efficient routing protocol for IOT	June	2020	INTERNATIONAL JOURNAL OF ADVANCE SCIENCE & TECHNOLOGY	Yes
169	IT	Scopus	International Journal	Dr.Sajeevram	Intensified computer aided detection system for lung cancer detection using MEM algorithm	June	2020	International journal of Pharmaceutical research	Yes
170	IT	Scopus	International Journal	Dr.Sajeevram	Classification of air pollutants caused by e-waste and health risk evaluation	June	2020	Eco. Env. & Cons	Yes
171	IT	Scopus	International Journal	Nagendran K	Honey Encryption Technique for Access Control in Public Cloud Environment	June	2020	European Journal of Molecular & Clinical Medicine	Yes
172	IT	Scopus	International Conference	Dr.A.Kousalya	Predictive Analytics on Diabetes Data Using Machine Learning Techniques	march	2021	IEEE Explore	Yes
173	IT	WOS	International Journal	Dr.N.Susila	Predictive Diagnosis of Breast Cancer using Deep Neural Network	June	2021	Bience Biotechnology Research Communications	Yes
174	IT	Scopus	International Journal	Ratheeshkumar A.M	A Novel AI and RF Tutored Student Locating System Via Unsupervised Dataset	April	2021	Turkish Journal of Physiotherapy and Rehabilitation	Yes
175	IT	Scopus	International Journal	R.Janani	Green telecare: An iot and cloud based identification of common thoracic diseases using deep learning approach	march	2021	Journal of Green Engineering	Yes
176	IT	WOS	International Journal	Dr.Keerthika T	Empirical view of financial management survey in block chain technology issues, risk and mitigation	May	2021	International Journal of Aquatic Science	Yes
177	IT	WOS	International Journal	Dr.N.Susila	Application of Machine Learning Techniques in Data Centre Energy Management	July	2020	Journal of Contemporary issues in business and government	Yes
178	IT	WOS	International Journal	Dr.N.Susila	DSDA: A Desirable and Secure Deduplication approach for outsourced data in Cloud Environment	July	2020	Journal of Contemporary issues in business and government	Yes
179	IT	Scopus	International Conference	Shobana G	Loss reduced network using sensorless bldc motor	May	2021	IEEE Xplore	Yes
180	IT	Scopus	International Conference	Raihana.A	Parallel Particle Swarm Optimization for Job Shop Scheduling	May	2021	International Journal of Annals of the Romanian Society for Cell Biology	Yes
181	IT	Scopus	International Journal	Raihana.A	A Multilevel Deep Learning Model for earlier detection of COVID-19 using CNN- LSTM	April	2021	AnnalsAnnals of R.S.C.B	Yes
182	IT	Scopus	International Conference	Granty Regina Elwin J	Localization and identification of copy move forgery using SIFR and FQRHFM	May	2021	5th International Conference on Intelligent Computing and Control systems	Yes
183	IT	Scopus	International Conference	Granty Regina Elwin J	Optimization of system and piezoelectric effect on PZT crystal	November	2020	Elsevier, Materials Today: Proceedings	Yes
184	IT	Scopus	International Conference	Granty Regina Elwin J	Process automation through internet of things on copper coating process of stainless steel	November	2020	Elsevier, Materials Today: Proceedings	Yes
185	IT	Scopus	International Conference	Granty Regina Elwin J	Mitigation Measures for Power Quality Issues in Renewable Energy Integration and Impact of IoT in Grid Control	August	2021	Wiley Online Library	Yes
186	IT	WOS	International Journal	Dr.A.Kousalya	A Hybrid Efficient Distributed Clustering Algorithm Based Intrusion Detection System to Enhance Security in MANET	February	2021	Information Technology and Control	Yes
187	IT	Scopus	International Conference	Dr.M.Rajkumar	Efficient separation and allocation of dataset in structured and unstructured databases	May	2021	Elsevier, Materials Today: Proceedings	Yes

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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	IT	Scopus	International Conference	Dr.M.Rajkumar	ELMP: Efficient location based multicast protocol for mobile ad hoc networks	May	2021	Elsevier, Materials Today: Proceedings	Yes
189	IT	Scopus	International Conference	Dr.M.Rajkumar	A Distributed Trust Evaluation protocol with Privacy Protection for Inter-cloud	May	2021	Journal of Physics: Conference Series	Yes
190	IT	Scopus	International Conference	Dr.M.Rajkumar	Code-based routing Using Distributed Approach for wireless Networks	May	2021	IEEE Xplore	Yes
191	IT	Scopus	International Journal	Dr.M.Rajkumar	A Distributed Data Processing Platform over Meteorological Big Data Using Mapreduce	May	2021	Design Engineering	Yes
192	IT	Scopus	International Conference	Sruthi Anand	Computer Aided Testing of Materials through Interfacing Devices	Jan	2021	Elsevier, Materials Today: Proceedings	Yes
193	IT	Scopus	International Conference	R.Janani	Early detection of glaucoma using optic disc and optic cup segmentation:A survey	May	2021	Materials Today: Proceedings	Yes
194	IT	Scopus	International Journal	Diwakaran M	My Privacy My Decision Control Of Photo Sharing In Online Media	June	2020	European Journal of Molecular & Clinical Medicine	Yes
195	IT	Scopus	International Journal	Dr. A Kousalya	Predictive Analytics on Diabetes Data using Machine Learning Techniques	May	2021	IEEE Explore	YES
196	IT	Scopus	International Journal	Dr.M.Rajkumar	Distributed Trust Evaluation protocol with Privacy Protection for Inter-cloud	April	2021	Journal of Physics: Conference Series	YES
197	IT	Scopus	International Journal	Dr.M.Rajkumar	Secure Data Access Privacy Preserving Using Cloud Services	April	2021	Journal of Physics: Conference Series	YES
198	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	YES
199	MBA	Scopus	International Journal	Dr.P.Thamaraiselvi	A STUDY ON THE IMPACT OF ORGANIZATIONAL CITIZENSHIP BEHAVIOR ON EMPLOYEE PRODUCTIVITY POST COVID WITH SPECIAL REFERENCE TO RETAIL SHOPS	April-May	2021	Journal of Huazhong University of Science and Technology	NO
200	MBA	Scopus	International Journal	Dr.P.Thamaraiselvi	IMPLEMENTATION OF DIGITAL MARKETING STRATEGIES FOR A NGO-A SUCCESS STORY- A CASE STUDY APPROACH	April-May	2021	Journal of Huazhong University of Science and Technology	NO
201	MBA	Scopus	International Journal	Dr.P.Thamaraiselvi	Academic Procrastination - An Antecedent To Millennials In Managing Lifestyles During Disaster Management	September	2020	International Journal of Future Generation Communication and Networking	NO
202	MBA	Scopus	International Journal	Dr.K.B.Sridevi	A comparative study on employees productivity in the pre and post covid period	MAY	2021	Turkish Journal of Computer and Mathematics Education	NO
203	MBA	Scopus	International Journal	Dr.K.B.Sridevi	A study on customer perception and satisfaction towards cloud services provided by Lemurain softwares	MAY	2021	Turkish Journal of Computer and Mathematics Education	NO
204	MBA	Scopus	International Journal	Dr.K.B.Sridevi	A study on the relationship between emotional intelligence and organisational commitment in manufacturing sector with special reference to private Tea manufacturing company in Nilgiris	MAY	2021	Turkish Journal of Computer and Mathematics Education	NO
205	MBA	Scopus	International Journal	Dr.K.B.Sridevi	A study on customers' perception towards a digital marketing company	MAY	2021	Turkish Journal of Computer and Mathematics Education	NO
206	MBA	Scopus	International Journal	Dr.K.B.Sridevi	A Study on The Consumer Behaviour Towards Health Drink Category in Madurai District	January	2021	Psychology and Education journal	Yes
207	MBA	Scopus	National Conference	Dr.K.B.Sridevi	Adoption of E-Healthcare Services: Consumers' Preferences and Problems	December	2020	IIM K Conference proceedings	NO
208	MBA	Scopus	International Journal	R Muthukrishnan	A study on the problems faced by elderly people while using web-based applications during Pandemic situation	March/ April	2021	Turkish Journal of Computer and Mathematics Education	NO

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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	MBA	Scopus	International Journal	R Muthukrishnan	A Study on the students' perception on Online Learning during COVID-19 Pandemic	May	2021	Turkish Journal of Computer and Mathematics Education	NO
210	MBA	Scopus	International Journal	R Muthukrishnan	Study on the effectiveness of Healthcare software used by the Doctors during Pandemic	May	2021	Journal of contemporary issues in business and government	NO
211	MBA	Scopus	International Journal	R Muthukrishnan	Study on the Customers' Attitude towards the purchase of two wheelers during Pandemic	May	2021	Journal of contemporary issues in business and government	NO
212	MBA	Scopus	International Journal	R Muthukrishnan	A Study on the Impact of Quality management system on Organisational Performance in Oil Seal Manufacturing Industries in Madurai	April	2021	Turkish Journal of Computer and Mathematics Education	NO
213	MBA	Scopus	International Journal	J.Prabhakaran	A Study on Impact of the Pandemic Announcement Over Indian Stock Market - NSE	April	2021	Journal of Huazhong University of Science and Technology	NO
214	MBA	Scopus	International Journal	J.Prabhakaran	Impact of Emotional Intelligence on Students Academic performance	April	2021	Journal of Huazhong University of Science and Technology	NO
215	MBA	Scopus	International Journal	Binny Upadhaya	A study on consumer buying behaviour towards hand sanitizer in this present pandemic situation with special reference to coimbatore city.	March-April	2021	Turkish Journal of Computer and Mathematics Education	NO
216	MBA	Scopus	International Journal	Dr A Sarasu	Employees Perception and Satisfaction Towards Traditional (Office) Culture and Work From Home Culture	April	2021	Turkish Journal of Computer and Mathematics Education	NO
217	MBA	Scopus	International Journal	Dr A Sarasu	Attribute Measurement of Organizational Citizenship Behaviour Among Employees	April	2021	Turkish Journal of Computer and Mathematics Education	NO
218	MBA	Scopus	International Journal	Dr A Sarasu	Understanding Employee Engagement Strategies Of Demos Project Pvt Ltd,Chennai	April	2021	Turkish Journal of Computer and Mathematics Education	NO
219	MBA	Scopus	International Journal	Dr A Sarasu	Impact of Covid - 19 Pandemic on Steel Industry:A survey on Peekay Steel Castings Pvt Ltd.,Coimbatore	April	2021	Turkish Journal of Computer and Mathematics Education	NO
220	MBA	Scopus	International Journal	Dr A Sarasu	Study on HR Policies and Practices with reference to Excel Engineering and Equipments,Coimbatore	May	2021	Journal of contemporary issues in business and government	NO
221	MBA	Scopus	International Journal	T. Krishnasamy	A study on perception of freight forwarders towards Third party Logistics	April	2021	Turkish Journal of Computer and Mathematics Education	NO
222	MBA	Scopus	International Journal	T. Krishnasamy	A Comparative Study on the Work Life balance of Employees Pre and Post Covid Work Culture	May	2021	Turkish Journal of Computer and Mathematics Education	NO
223	MBA	Scopus	International Journal	T. Krishnasamy	A Study on Effective Total Productive Management With Reference To Micro Polyester Lamination	May	2021	International Journal for Science and Advanced Technology"	NO
224	MBA	Scopus	International Journal	T. Krishnasamy	A Study on Relationship Between Emotional Intelligence and Job Satisfaction	January	2021	PENSEE International Journal	NO
225	MBA	Scopus	International Journal	T. Krishnasamy	Online Banking Service Quality and Customer Satisfaction	February	2021	Journal of Seybold Report	NO
226	MBA	Scopus	International Journal	T. Krishnasamy	A study on emotional intelligence and Quality of Work life balance	May	2021	of Science & Technology	NO
227	MBA	Scopus	International Journal	Mehta Vani Joghee	A Study on Technical Analysis of Selected FMCG Companies Listed on NSE	May	2021	STRAD Research	NO
228	MBA	Scopus	International Journal	Mehta Vani Joghee	A Study on Financial Performance of Bajaj Finserv Limited	May	2021	Journal of Contemporary Issues in Business and Government	NO
229	MBA	Scopus	International Journal	Mehta Vani Joghee	A Study on Risk and Return Analysis of Selected Banking Securities	May	2021	Turkish Journal of Computer and Mathematics Education	NO
230	MBA	Scopus	International Journal	Mehta Vani Joghee	A Study On Technical Analysis Of Selected FMCG Scripts With Reference To Annamalai Capital Services (P) Ltd., Coimbatore City	May	2021	Turkish Journal of Computer and Mathematics Education	NO

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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	MBA	Scopus	International Journal	Mehta Vani Joghee	An Empirical Study on Financial Performance of Scheduled Commercial Banks in India	November	2020	International Journal of Multidisciplinary Educational Research	NO
232	MBA	UGC	National Journal	Mehta Vani Joghee	A Study on Agriculture Finance Provided by SCBs in India	July	2020	Journal of Management Research	NO
233	MBA	UGC	International Journal	Mehta Vani Joghee	A Study on Investors Perception on Investing in Mutual Funds with Special Reference to Coimbatore District	May	2021	Journal of Interdisciplinary Cycle Research	NO
234	MCT	SCOPUS	International Conference	Dr. L. Feroz Ali	Unravelling the mechanical behaviour of AA7075-T6 WC Nano composites Developed through FSP Route	September	2020	SAE Technical Paper	Yes
235	MCT	SCOPUS	International Conference	Dr. T. A. Selvan	Design and Development of an Automatic Unmanned Railway Level Crossing Gate	February	2021	IOP Conference Series: Materials Science and Engineering this link is disabled, 2021, 1059(1), 012005	Yes
236	MCT	SCOPUS	International Conference	Dr. T. A. Selvan	Multi objective optimization in machining of Inconel 718 using taguchi method	October	2020	Materials Today: Proceedings, Volume 37, Part 2, 2021, Pages 3466-3470	Yes
237	MCT	SCOPUS	International Conference	Dr. T. A. Selvan	Multi-objective optimization on output responses for micro ECM of Al6063 alloy, silicon carbide and boron glass powder metal matrix composite	December	2020	Materials Today: Proceedings, Volume 45, Part 7, 2021, Pages 6406-6410	Yes
238	MCT	SCOPUS	International Conference	Dr. D. Pritima	Performance of electrical energy based unconventional machining processes – Review	February	2021	Materials Today: Proceedings	NO
239	MCT	SCOPUS	International Conference	Dr. D. Pritima	Response analysis on synthesized aluminium-scandium metal matrix composite using unconventional machining processes	September	2020	Materials Today: Proceedings, Volume 33, Part 7, 2020, Pages 4431-4435	Yes
240	MCT	SCOPUS	International Conference	Dr. D. Pritima	Surface roughness prediction and parametric optimization of shot blasting of Al7068 using RSM	December	2020	IOP Conf. Ser.: Mater. Sci. Eng. 988 012100	Yes
241	MCT	SCOPUS	International Conference	Dr. D. Pritima	Wire Arc Additive Manufacturing Perspectives and Recent Developments	December	2020	IOP Conf. Series: Materials Science and Engineering 988 (2020) 012102	Yes
242	MCT	SCOPUS	International Conference	Dr. D. Pritima	Re-entrant Formation on Superplastic Forming Process by Mechatronics Approach in 5083 Al Alloy	December	2020	IOP Conf. Ser.: Mater. Sci. Eng. 988 012098	Yes
243	MCT	SCOPUS	International Conference	Dr. D. Pritima	Processing of MMC through conventional sintering and spark plasma sintering process: A review	December	2020	IOP Conf. Ser.: Mater. Sci. Eng. 988 012092	Yes
244	MCT	SCOPUS	International Conference	Dr. D. Pritima	Recent developments in Polymer Matrix Composites – A review	December	2020	IOP Conf. Ser.: Mater. Sci. Eng. 988 012096	Yes
245	MCT	SCOPUS	International Conference	Dr. D. Pritima	Investigations on Mechanical Properties of Basalt Powder filled Vinyl Ester Composites	December	2020	IOP Conf. Ser.: Mater. Sci. Eng. 988 012094 Download Article PDF	Yes
246	MCT	SCOPUS	International Conference	Dr. V. Narasimharaj	Experimental study of mechanical properties of AA6061 and AA7075 alloy joints using friction stir welding	May	2021	Materials Today: Proceedings	Yes
247	MCT	SCOPUS	International Conference	Dr. N. A. Natraj	Optimal Mobility based Data Gathering Scheme for Life Time Enhancement in Wireless Sensor Networks	January	2021	2020 4th International Conference on Computer, Communication and Signal Processing (ICCCSP)	Yes
248	MCT	SCOPUS	International Conference	Ms. S. Kannaki	Design and implementation of carry Look ahead generator in reversible logic using nano QCA	February	2021	IOP Conf. Ser.: Mater. Sci. Eng. 1059 012013	Yes
249	MCT	SCOPUS	International Conference	Ms. S. Kannaki	Preparation of Design and Development of Automatic Coconut Processing Machine	June	2020	IOP Conf. Series: Materials Science and Engineering 993 (2020) 012117	Yes
250	MCT	SCOPUS	International Conference	Ms. K. Ananthi	Design and fabrication of Automated mechanism for chemical pre-treatment process in Powder coating	February	2021	IOP Conf. Ser.: Mater. Sci. Eng. 1059 012009	Yes
251	MCT	SCOPUS	International Conference	Ms. J. Indirapriyadarshini	A novel measurement method for egg quality identification	April	2021	Materials Today: Proceedings	NO
252	MCT	SCOPUS	International Conference	Ms. J. Indirapriyadarshini	Design and Fabrication of Automated Oil Spraying Machine for Baking System	April	2021	Materials Today: Proceedings	NO

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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	MCT	SCOPUS	International Conference	Ms. M. Bhuvanewari	Performance Analysis of Various Techniques Adopted in a 5G Communication Network with a Massive MIMO System	June	2020	Proceedings of the 5th International Conference on Inventive Computation Technologies, ICICT 2020, 2020, pp. 283-286. 9112446	Yes
254	MCT	SCOPUS	International Conference	Ms. S. Nithya Priya	Design and fabrication of filament extruder with spooler	April	2021	Materials Today: Proceedings	NO
255	MCT	SCOPUS	International Conference	Ms. S. Nithya Priya	Cloud based smart wireless and health care monitoring system	February	2021	IOP Conference Series: Materials Science and Engineering, 2021, 1059(1), 012035	Yes
256	MCT	SCOPUS	International Conference	Ms. S. Nithya Priya	Automatic gas fired furnace	December	2020	IOP Conference Series: Materials Science and Engineering, 2020, 993(1), 012141	Yes
257	MCT	SCOPUS	International Conference	Dr. L. Feroz Ali	Metallurgical assessment of AA7075 - T6 with x wt% tungsten carbide nanoparticle surface composites processed by FSP route	November	2020	Materials Today: Proceedings, 2021, 45, pp. 2152-2158	Yes
258	MCT	SCOPUS	International Conference	Dr. L. Feroz Ali	Wear and friction properties of AA 7075-T6 with x wt% of WC surface composite fabricated by FSP technique	February	2021	Materials Today: Proceedings, 2020, 45, pp. 6482-6487	Yes
259	MCT	SCOPUS	International Conference	Mr. P. M. Arunkumar	Fabrication of paper cutting machine using eye mark sensor	December	2020	IOP Conf. Ser.: Mater. Sci. Eng. 993 012142	Yes
260	MCT	SCOPUS	International Conference	Mr. T. Vignesh	Development of Low Cost Pellet Loading and Unloading ACV	December	2020	IOP Conf. Ser.: Mater. Sci. Eng. 995 012009	Yes
261	MCT	SCOPUS	International Conference	Mr. T. Vignesh	Development of Automatic Tube Oil Skimmer	August	2020	IOP Conf. Ser.: Mater. Sci. Eng. 906 012028	Yes
262	MCT	SCOPUS	International Conference	Mr. S. Madhankumar	Development of Mobile Application Incorporating Augmented Reality for E-education and Training Systems	February	2021	IOP Conference Series: Materials Science and Engineering, 2021, 1059(1), 012016	Yes
263	MCT	SCOPUS	International Conference	Mr. S. Madhankumar	Fabrication of Pineapple Peeling Machine Using Pneumatic Solenoid Valve	February	2021	IOP Conference Series: Materials Science and Engineering, 2021, 1059(1), 012038	Yes
264	MCT	SCOPUS	International Conference	Mr. S. Madhankumar	Optimization of material removal rate and surface roughness for Micro ECM of Inconel 718 alloy utilizing Grey Relational Technique	February	2021	IOP Conference Series: Materials Science and Engineering, 2021, 1059(1), 012008	Yes
265	MCT	SCOPUS	International Conference	Mr. S. Madhankumar	Investigation on design and analysis of passenger car body crash worthiness in frontal impact using radioss	September	2020	SAE Technical Papers, 2020, (2020), 280498	Yes
266	MCT	SCOPUS	International Conference	Mr. S. Madhankumar	Fabrication of Al6063 alloy, silicon carbide and boron glass powder metal matrix composites in stir casting process and study on the impact of process parameters on its properties	November	2020	Materials Today: Proceedings, Volume 42, Part 2, 2021, Pages 529-535	Yes
267	MCT	SCOPUS	International Conference	Mr. S. Madhankumar	Study of the mechanical properties of Al7075 alloy, silicon carbide and fly ash composites manufactured by stir casting technique	December	2020	Materials Today: Proceedings, Volume 45, Part 7, 2021, Pages 6438-6443	Yes
268	MCT	SCOPUS	International Conference	Mr. S. Madhankumar	Assessments and comparison of Inconel 625 and Inconel 718 alloys from overcut in micro ECM	December	2020	Materials Today: Proceedings, Volume 45, Part 7, 2021, Pages 6459-6464	Yes
269	MCT	SCOPUS	International Conference	Mr. S. Madhankumar	Study and selection of hot forging die materials and hardness	January	2021	Materials Today: Proceedings, Volume 45, Part 7, 2021, Pages 6563-6566	Yes
270	MCT	SCOPUS	International Conference	Mr. S. Madhankumar	Mechanical characterization of glass fiber resin reinforced with sugarcane	January	2021	Materials Today: Proceedings, Volume 45, Part 7, 2021, Pages 6628-6632	Yes
271	MCT	SCOPUS	International Conference	Mr. S. Madhankumar	Experimental investigation on ultimate tensile strength of laser butt welded inconel 718 alloy and 2205 duplex stainless steel	February	2021	Materials Today: Proceedings, Volume 45, Part 7, 2021, Pages 6783-6787	Yes
272	MCT	SCOPUS	International Journal	Mr. S. Panneerselvam	Design and Fabrication of Semi - Automated Thrust Bearing Assembling Equipment	June	2020	International Journal of Advanced Science and Technology	Yes
273	MCT	SCOPUS	International Journal	Mr. P. M. Arunkumar	DESIGN AND FABRICATION OF AUTOMATIC PANEL SURFACE COATING MACHINE	September	2020	International Journal of Mechanical and Production Engineering Research and Development (IJMPERD)	NO
274	MCT	SCOPUS	International Journal	Dr. N. A. Natraj	Performance evaluation of free space optical link by incorporating the device parameters of quantum cascade laser based transmitter	February	2021	Laser Phys. Lett. 18 035301	Yes

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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	MCT	SCOPUS	International Journal	Dr. N. A. Natraj	An energy efficient distributed route selection approach for minimizing delay in WSNs	June	2020	Solid State Technology, Vol. 63 No. 6	NO
276	MCT	SCOPUS	International Journal	Ms. S. Kannaki	Development of smart air quality monitoring & Filtering system	June	2020	Journal of Critical Reviews, 2020; 7(9): 367-370	Yes
277	MCT	SCOPUS	International Journal	Ms. K. Ananthi	Preparation and performance of ceramic waste powder with domestic plastic waste composite grinding wheel	July	2020	Journal of Critical Reviews, 2020, 7(13), pp. 132-138	Yes
278	MCT	SCOPUS	International Journal	Ms. J. Indirapriyadarshini	Grey wolf Optimization algorithm based weight selection for Tuning H-Infinity Loop Shaping Controller in Application to A Benchmark Multivariable System with Transmission Zero	March	2021	Control Engineering and Applied Informatics, 2021, 23(1), pp. 103-114	Yes
279	MCT	SCOPUS	International Journal	Ms. M. Bhuvanewari	IoT based environmental weather monitoring and farm information tracking system	June	2020	Journal of Critical Reviews, 2020, 7(7), pp. 307-310	Yes
280	MCT	SCOPUS	International Journal	Ms. M. Bhuvanewari	Low cost design automated adhesive dispenser for industry	June	2020	Journal of Critical Reviews, 2020, 7(12), pp. 248-251	Yes
281	MCT	SCOPUS	International Journal	Ms. S. Nithya Priya	Automated plough assistance in tractor	July	2020	International Journal of Advanced Science and Technology, 2020, 29(7), pp. 131-140	Yes
282	MCT	SCOPUS	International Journal	Dr. L. Feroz Ali	microstructural evolutions and mechanical properties enhancement of AA 6063 alloy reinforced with Tungsten (W) nanoparticles processed by friction stir processing	February	2021	Materials Characterization, 2021, 172, 110903	Yes
283	MCT	SCOPUS	International Journal	Mr. S. Madhankumar	Design and Modelling of Self Balancing Electric Two-Wheeler Using Gyroscope	June	2020	Journal of Critical Reviews, pp. 953-957, Volume 7, Issue 9	Yes
284	MCT	WOS	International Journal	Mr. S. Madhankumar	Optimization of ultimate tensile strength of welded Inconel 625 and duplex 2205	March	2021	Journal of Mechanical Engineering and Sciences, pp. 7715-7728, Volume 15, Issue 1	Yes
285	MECH	Scopus	International Conference	K. Aditya, N. L. Parthasarathy, Ashoka Varthanan, R. Prithvi	Reciprocating Wear Studies of Inconel 718 and Mod.9Cr-1Mo Ferritic Steel by Surface Profilometric Characterization	Jun	2020	Proceedings of ICDMC 2019	Yes
286	MECH	Scopus/Wos	International Journal	Ashoka Varthanan, T Ram Kumar	Shot peening effects on fatigue life, corrosion behavior and surface roughness of low carbon alloy steel	Jun	2021	Bulletin of the Polish Academy of Sciences: Technical Sciences	Yes
287	MECH	Wos	International Journal	Sureshbabu Yessian, Ashoka Varthanan	Experimental Investigation on Four-Stroke Catalytic Coated Spark Ignition (SI) Engine to Promote Cleaner Environment	Jul	2021	International Journal of Enterprise Network Management	Yes
288	MECH	Wos	International Journal	K Balasubramanian	An analysis of 200T hydraulic press including electric control panel	March	2021	PAIDEUMA Research Journal	No
289	MECH	Wos	International Journal	N. Balaji, S.Balasubramani And V.Pandiaraj	Fabrication and analysis of Al6061/Al ₂ O ₃ /TiC hybrid metal matrix composite	March	2021	PAIDEUMA Research Journal	No
290	MECH	Scopus	International Conference	N.Prabhushankar and N Bal	Various Alternative Sources for Silica Sand, Binders and Additives in Sand Casting and their Properties - A Review	April	2020	IoP conference: Materials Science and Engineering/	yes
291	MECH	Scopus	International Conference	K Ramamoorthi, J Justin Maria Hillary, R Sundararajan, I Dixon	Influence of stir casting route process parameters in fabrication of aluminium matrix composites-A review	Jun	2021	Materials Today: Proceedings	yes
292	MECH	Scopus	International Conference	Ranganathan, Shanthosh Kumar, Sriharsharan Rajesh, A.	Design and Analysis of Steering Knuckle for FSAE Vehicle	Oct	2020	SAE Journal	yes
293	MECH	Wos	International Journal	Ashokavarthanan, P, Sanjay K, K. S. Saravanan	Impact of forging pressure on microstructure behaviour of friction welded MS/SS dissimilar steel joints	March	2021	Paideuma Research Journal	No
294	MECH	Scopus	International Journal	K.Rajesh, P.Ashoka Varthanan, Jayakumar K	Optimization of shot peening process parameters using PSO algorithm to maximize the fatigue and flexural strength and surface hardness of A2024-T3 alloy	Feb	2021	Materials today proceedings	yes
295	MECH	Wos	International Journal	Balasubramanian K, Ramamoorthi R	Development of compact electro gear pump for airborne applications	March	2021	Paideuma Research Journal	No
296	MECH	Scopus	International Conference	A.Sathishkumar, K Soundararajan, L, A Ramesh, T. Muthu	Experimental investigation on mechanical and tribological behaviour of A356 with x wt% Boaran carbide and fly ash Hybrid composites	Sep	2020	IoP: Conference series Materials science and Engineering	yes

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297	MECH	Scopus	International Conference	Samsion Jerard Samuel, Senthil Kumar, V. Narasimhan	A review on mechanical properties and wear behaviour of aluminium based metal matrix composites	Feb	2021	Materials Today proceedings	yes
298	MECH	Scopus	International Conference	Samsion Jerard Samuel, Chelladurai, Murugan K. V.	Optimization of process parameters using response surface methodology: A review.	Feb	2021	Materials Today proceedings	yes
299	MECH	Scopus	International Conference	S.Gnanasekaran,	Effect of laser power on microstructure and tensile properties of pulsed Nd:YAG laser beam welded AISI 301 austenitic stainless steel joints	Feb	2021	Materials Today proceedings	yes
300	MECH	Scopus	International Conference	G.Sriyakumar, R.Saranya, N.Surya, M.S.Vinayachandran	Analyze the impact of rotational speed and frictional pressure on strength of friction welded bi-metallic joints	Feb	2021	Materials Today proceedings,	yes
301	MECH	Scopus	International Conference	Nithi Balaji, Parthiban, Pranav	Influence of Solution Treatment and Artificial Aging on Fracture Load of Friction Stir Welded Lap Joints of AA2014-T6	Feb	2021	IoP Conference series: Materials science and Engineering/	yes
302	MECH	Scopus	International Conference	R. Ben Ruben	Modelling and analysis of barriers of lean sustainability in metal manufacturing organizations	Jun	2021	Materials Today proceedings	yes
303	MECH	Scopus	International Conference	Arundharani Ramaswamy Ashoka Varthanan Perumal Jayasudha Jayadevan	Optimization of WEDM process parameters for D3 die steel using RSM,	Feb	2021	Materials Today proceedings,	yes
304	MECH	WoS	International Journal	K. Arundharani, R.Kamini, R. Shri Vignesh, P. Sathya Sujan and R. Vishnu	Mechanical and Tribological Characteristics of Particulates Embedded Aluminium Based Composites - A Review	March	2021	https://paideumajournal.com/	No
305	MECH	Scopus	International Conference	N. Babu, Mahalingam Murugan, V. Vigneshkumar, P. Ashoka Arun Kumar, S. Abishek, A. Arun Kumar	Investigation of Solid-State Welding of Copper Nickel Alloy (Cu-Ni 90/10) Using FSW Process	March	2021	IOP Conference Series: Materials Science and Engineering	yes
306	MECH	Scopus	International Conference	Rajamanickam, V C	Fabrication of Paddy Transplanter Machine	Oct	2020	IOP Conf. Series: Materials Science and Engineering	yes
307	MECH	Scopus	International Conference	M.Samuel Gemspriam, N.Babu, S.Udhayakumar	Tribological evaluation of vegetable oil-based lubricant blends	Feb	2021	Materials Today proceedings	yes
308	MECH	Wos/Scopus	International Journal	N. Babu, Megalingam Murugan A	Experimental Study on Mechanical and Tribological behavior of Ti-3Al-2.5v alloy at high loading condition using RSM	Jul	2021	Advances in Materials and Processing Technologies	yes
309	MECH	Scopus	International Conference	M. Vigneshkumar, S. Babu Mahendra, P. Ashok Varadhan, Bharath Varun	Challenges and possibilities in the resistance spot welding of dissimilar metals - A review	Feb	2021	Materials Today Proceedings	yes
310	MECH	Wos/Scopus	International Journal	Raghuvaran P, Suresh M, Baskaran J, Arun Prasad S, Chavan M K, Dharamasajan T	Investigation on Characteristics of Stir Casted Aluminium Matrix Composites - A Review	Feb	2020	Advances in materials science	yes
311	MECH	Scopus	International Conference	Baskaran J, Raghuvaran P, Ashwin S.	Experimental investigation on the effect of microstructure modifiers and heat treatment influence on A356 alloy	Feb	2020	Materials Today Proceedings	yes
312	MECH	Wos/Scopus	International Journal	J. Baskaran, Suresh M,	Mechanical Behavior Investigation of Copper added A356 alloy	Feb	2021	Advances in Materials Research	yes
313	MECH	Wos	International Conference	J. Baskaran, Ajai Raj KT, Arun Balan M,	Realtime Crack Detection System In Railway Track	March	2021	Paideuma Journal	No
314	MECH	Scopus	International Conference	Arunkumarsheji, Kumaresan G, Sarathi A, Srinath Aravind C P.	Performance analysis of thermosiphon heat pipe using aluminum oxide nanofluid under various angles of inclination	May	2021	Materials Today proceedings	yes
315	MECH	Scopus	International Conference	Arun KurienReji G. Kumaresan, A Sarathi, C. Sai Ganesh	Analysis of thermosiphon working with eco-friendly refrigerant under various fill ratios	May	2021	Materials Today Proceedings	yes
316	MECH	Scopus	International Conference	M.S. Vivek, Arun Kurien Reji, A Abdulnizyadeen, S Mahalingam	Comparative analysis of an environmentally friendly refrigerant with DI water when used in a thermosiphon heat pipe	May	2021	IOP Conf. Series: Materials Science and Engineering	yes
317	MECH	Scopus	International Conference	M. Vigneshwarat, Kumaran M, Praveen kumar	Correlation of CFRP and AA7075 Aircraft Wing box structure using FEM	March	2021	IOP Conf. Series: Materials Science and Engineering	yes
318	MECH	Scopus	International Conference	K. Ravanth K. Sathya M. Vigneshwarat, S. Srisanthosh, J. Nandhakumar, R	Stress evaluation of CSZ and SiAlON under Thermo-Mechanical loading condition	March	2021	IOP Conf. Series: Materials Science and Engineering	yes

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319	MECH	Scopus	International Journal	R Ramamoorthy, Abishek, Barath D	Investigation of mechanical properties of friction stir welded AA7075/ AA5083 alloy	March	2021	Design Engineering	yes
320	MECH	Scopus	International Conference	Ranjith Kumar S Srinivasan V.P Balamurugan S Dinesh Krishna S Gokul V	Optimization of machine machining parameters in EDM of silicon nitride-titanium nitride based on RSM	may	2021	Materials Today: Proceedings - Elsevier	yes
321	MECH	Scopus	International Conference	S.Ranjith Kumar, Dinesh Krishna S Srinivasan, T. K. Palani, S. Dhayanathan, S. Gopi, S. Balamurugan, S. Mr S Balamurugan, C.Gokul	Development of a Re-engineered fixture to reduce operation time in a machining process	Feb	2021	Materials Today: Proceedings - Elsevier	yes
322	MECH	Scopus	International Conference	S. Ranjith Kumar, Dinesh Krishna Srinivasan, T. K. Palani, S. Dhayanathan, S. Gopi, S. Balamurugan, S. Mr S Balamurugan, C.Gokul	Design and fabrication of dual axis writing machine	Jun	2021	Materials Today: Proceedings - Elsevier	yes
323	MECH	Scopus	International Conference	Mr S Balamurugan, C.Gokul	Application of grey relational analysis in biodiesel production from linseed oil using novel eggshell catalyst	May	2021	Materials Today: Proceedings - Elsevier	yes
324	MECH	Scopus	International Conference	Mr S Balamurugan	Process optimization study of alternative fuel production from linseed oil		2020	https://www.igi-global.com/chapter/process-optimization-study-of-alternative-fuel-production-from-linseed-oil/249066	No
325	MECH	Scopus	International Conference	J.Dhyaneswaran, M.Vimalrajab, Ashok kumar C.B.Muthu kumaran	Design and fabrication of railway track cleaning bot	Feb	2021	Materials Today Proceedings	yes
326	MECH	Scopus	International Conference	J.Dhyaneswaran, S.Senthil Kumar, A Mohan, M.Jomimah, Carmichael	Design and development of rescue robot in borewell environment	March	2021	Materials Today Proceedings	yes
327	MECH	Scopus	International Conference	M.VinoshS.Senthil Kumar D.Nithish G.Naveen	Development of tray type nursery seeding equipment	Feb	2021	Materials Today Proceedings	yes
328	MECH	Scopus	International Conference	M Vinosh,JJ Praveen, ABH Bejajhin, G Paulraj	Embedded effect of Zr B4- Si3XN4 an tribological behaviour of aluminum 8011 metal matrix composites	Jan	2021	Materials Today Proceedings	yes
329	MECH	Scopus	International Conference	Veeramanikandan K	Investigation of Al2O3-water nano fluid flow through the circular tube	Aug	2021	Materials Today Proceedings -	yes
330	MECH	Scopus	International Conference	N Aravindkumar	Design and Analysis of Cooling Fan to Improve the Mass Flow Rate	March	2021	IOP Conference Series: Materials Science and Engineering -	yes
331	MECH	Scopus	International Conference	S. Krishnamoorthy,	Design of water level regulator using arm processor microcontroller by means of sensors	March	2021	Materials Today Proceedings	yes
332	MECH	Scopus	International Conference	M. Karthikeyan,	Design and implementation of DC engines whizz supremacy led using arm processor by sensors	March	2021	Materials Today Proceedings	yes
333	MECH	Scopus	International Conference	M. Karthikeyan,	Theoretical analysis of de-inking methodology and process improvement initiatives in paper industry	May	2021	Materials Today Proceedings	yes
334	MECH	Scopus	International Conference	K N Gunasekaran,	Design and fabrication of six axial arm robot	May	2021	IOP Conf. Series: Materials Science and Engineering	yes
335	MECH	Scopus	International Conference	JebarajJeremy Jeba Samuel R.Ramadoss	Studies on mechanical properties and characterization of carbon fiber reinforced hybrid composite for aerospace application	Oct	2021	Materials Today Proceedings,	yes
336	MECH	Scopus/WoS	International Journal	Dr.P. Ashoka Varthanan	Investigation of mechanical and metallurgical behaviour in FSW of AA5052-H32		2021	Journal of Ceramic Processing Research.	YES
337	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
338	MECH	Scopus/WoS	International Journal	Dr C Rajendran	Investigation on microstructure tensile properties of high strength AA2014-T6 aluminum alloy welds joined by role of Ar, in pulse and rotational speed on	May	2021	Advance in material science engineering	YES
339	MECH	Scopus	International Journal	Dr.K.P.Yuvaraj	Mechanical Properties and Microstructural Behaviour of Friction Stir Welded AA7075-T651 and AA5083 Discs by Application of the release Strength of T4-T2 Samples by X-Ray	-	2021	The design Engineering	NO
340	MECH	Scopus	International Journal	Srinidhi	Fused Deposition Modelling Process by Varying Infill Density		2021	The Design Engineering	NO

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341	MECH	Scopus	International Journal	Srinidhi	The Mechanical Behavior Effect of EDM Process by Using PA6 And PA66 For Varying Its Infill Density on A	-	2021	The Design Engineering	NO
342	S&H	WOS	International Journal	Dr.N.K.Geetha	Time Series Analysis of 2019-nCoV Cases in INDIA using Seasonal Autoregressive Integrated Moving Average	June	2020	Indian Journal of natural Science	YES
343	S&H	WOS	International Journal	Dr.N.K.Geetha	Integrated ARIMA-NAR model to analyze the dynamics of spread of COVID-19	June	2020	Indian Journal of natural Science	YES
344	S&H	WOS	International Journal	Dr. M.Bradha	Synthesis and Electrical Properties of La _{0.8} Ca _{0.2} Ti _{0.8} Sc _{0.2} O _{3-δ} Complex Perovskite	June	2020	Nano materials and Energy	YES
345	S&H	Scopus	International Journal	Dr.A.P.Lavanya	Minimal and Maximal Solutions of Second Order Functional Difference Equations	June	2020	International Journal of Advanced Science and Tecnology	YES
346	S&H	Scopus	International Journal	Mr. E. Karuppusamy	Generalized regular block intuitionistic fuzzy matrices	June	2020	Advances in mathematics - Scientific journal	YES
347	S&H	Scopus	International Journal	Dr.N.K.Geetha	Combinatorial Rough Neutrosophic Multi Attribute Decision Making Approach for Selection of Waste Plastic Oil - Diesel Blends	July	2020	Materials Today: Proceedings.	YES
348	S&H	Scopus	International Journal	Mr. B.Kalins	A STUDY OF RACE AND IDENTITY IN MARYA ANGELOU'S I KNOW WHY THE CAGED BIRD SINGS	July	2020	Journal of Critical Reviews	YES
349	S&H	WOS	International Journal	Ms. Rajalakshmi	ON EQUITABLE COLORING OF BOOK GRAPH FAMILIES	August	2020	Commun.Fac.Sci.Univ.Ank.Ser.A1 Math.Stat.	YES
350	S&H	Scopus	International Journal	Mr. D. Anandakumar	NLMS - NETWORK LOAD BASED QUEUE MONITORING AND SCHEDULING	August	2020	JOURNAL OF CRITICAL REVIEWS	YES
351	S&H	WOS	International Journal	Dr.R. Ramesh	Medical image segmentation using for Haar Wavelet Techniques	October	2020	Indian journal of Natural sciences	YES
352	S&H	Scopus	International Journal	Mr. D. Anandakumar	OPTIMIZATION APPROACH FOR EXAMINING THE M/M/C QUEUEING MODEL FOR BALKING AND RENEGED CUSTOMERS BY HYBRID APPROACH	October	2020	International Journal of Advanced Research in Engineering and Technology (IJARET)	YES
353	S&H	WOS	International Journal	Dr. A.Amudha Dr.A.Karthika	A critical review of contemporary generation with their inmates - critical study on Badaga tribes and their lifestyle translation	September	2020	Bulletin Monumental	YES
354	S&H	Scopus	International Journal	Dr.R. Ramesh	INTUITIONISTIC FUZZY IDEALS AND INTUITIONISTIC FUZZY FILTERS OF TERNARY SEMIGROUPS	November	2020	Advances in Mathematics: Scientific Journal	YES
355	S&H	Scopus	International Journal	Dr.D.Vidhya	n**-Closed sets in Topological spaces	November	2020	Advances in Mathematics: Scientific Journal	YES
356	S&H	Scopus	International Journal	Mr. B.Kalins	Numerical investigation on laser welding of titanium oxide	November	2020	Materials Today: Proceedings.	YES
357	S&H	Scopus	International Journal	Ms. A. Jayapradha	Mathematical modeling and investigation on aluminium bronze MMC using ECM process	November	2020	Materials Today: Proceedings.	YES
358	S&H	Scopus	International Journal	Ms. A. Jayapradha	Experimental analysis on effect of infrared light source for moisture content test of silica sand	November	2020	Materials Today: Proceedings.	YES
359	S&H	Scopus	International Journal	Ms. R. Priyadharshini	PREDICTIONS ON MORTALITY RATE OF COVID-19 AT GLOBAL LEVEL: A STATISTICAL MODELING	November	2020	International Journal of Interdisciplinary Global Studies	YES
360	S&H	WOS	International Journal	Dr.A.Indhuleka , Dr.V.Ragavi	Importance of vegetables as healthier diet in the management of COVID 19 pandemic	December	2020	Annals of phytomedicine	YES
361	S&H	WOS	International Journal	Dr. M.Sangeetha	An Overview of natural and synthetic Antagonists of Quinolone for the Prophylaxis of COVID-19.	December	2020	Current Pharmaceutical Design	YES
362	S&H	WOS	International Journal	Dr.M.Jayaraj	Chloroquine Analogs: An Overview of Natural Removal of Heavy Metals from Chitturapuzha river water by Iron Oxide Nanoparticles Prepared Via Green Synthesis Methods	December	2020	Oriental Journal of Chemistry	YES

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363	S&H	Scopus	International Journal	Dr. A. Karthika	Convex realizations of neural codes in one dimension	December	2020	AIP Conference Proceedings	YES
364	S&H	WOS	International Journal	Ms. R. Priyadharshini	Exact nature of Frenkel - Kontorova dislocations in (2+1) dimensional crystals	December	2020	Journal of Physics: Conference Series	YES
365	S&H	WOS	International Journal	Dr.R. Ramesh	Fuzzy solutions to second order three point boundary value problem	December	2020	Applications and Applied mathematics	YES
366	S&H	WOS	International Journal	Dr.R. Ramesh	Fuzzy solutions for delay differential equations	December	2020	Indian Journal of Natural Sciences	YES
367	S&H	Scopus	International Journal	Mr. K. Pandiyan	Uniqueness of Solution for Boundary value problems for Fractional Integro-differential equations	December	2020	European Journal of Molecular & clinical medicine	YES
368	S&H	Scopus	International Journal	Antonitta Eileen Pious	IoT based smart machinability system and performances of MRR on Haynes alloy	December	2020	Materials Today: Proceedings	YES
369	S&H	Scopus	International Journal	Dr.Shanthi	Automatic Strain Sensing Measurement on Steel Beam using Strain Gauge	Jan	2021	Materials Today: Proceedings	YES
370	S&H	Scopus	International Journal	Ms. B. Logapriya	Optimal process characteristics of melting of polyisoprene	Jan	2021	Materials Today: Proceedings	YES
371	S&H	Scopus	International Journal	Dr.S. Jayasudha	Comparison analysis of IoT based industrial automation and improvement of different processes - review	Jan	2021	Materials Today: Proceedings	YES
372	S&H	WOS	International Journal	Dr. I. Pradeep	Effects of Na doping on structural, optical, morphological and surface-chemical state analysis of ZnO nanoparticles for antimicrobial and anticancer activities	February	2021	Surfaces and Interfaces	YES
373	S&H	WOS	International Journal	Dr. S. Packiaraj	New insight for the estimation of sulfur content from guanidinium tris(thiodipropionato)lanthanate(III) trihydrate: synthesis, thermal, and photoluminescent studies	February	2021	Monatshfte für Chemie - Chemical Monthly	YES
374	S&H	Scopus	International Journal	Dr.S. Jayasudha	Automatic pollution sensing and control for vehicles using IoT technology	February	2021	MATERIALSTODAY : PROCEEDINGS	YES
375	S&H	WOS	International Journal	Dr.N.K.Geetha	On Numerical Modeling and Flow Analysis of Piston Bowl Geometry of a Compression Ignition Engine	February	2021	Advances in Manufacturing Systems	YES
376	S&H	Scopus	International Journal	Dr. A. Mohanraj	IoT based smart drainage monitoring and cleaning system for solid waste materials	February	2021	MATERIALSTODAY : PROCEEDINGS	YES
377	S&H	Scopus	International Journal	Dr.R. Ramesh	The optimization of reconfigured real-time datasets for improving classification performance of machine learning algorithms	February	2021	Mathematics in Engineering,science and Aerospace	YES
378	S&H	Scopus	International Journal	Ms. K. Kalaivani	A study on the synthesis and characterization methods of nanomaterials	March	2021	MATERIALSTODAY : PROCEEDINGS	YES
379	S&H	WOS	International Journal	Antonitta Eileen Pious	A study of automatic segmentation of White Matter Hyperintensity for detection of Alzheimer's disease	March	2021	Journal of Physics: Conference Series	YES
380	S&H	WOS	International Journal	Dr. I. Pradeep	Ethical hacking and penetration testing for securing us form Hackers	March	2021	Journal of Physics: Conference Series	YES
381	S&H	Scopus	International Journal	Dr.Shanthi	An Approach for Cloud Linux Server Security and Management	March	2021	Annals of R.S.C.B	YES
382	S&H	WOS	International Journal	Dr.V.Ragavi	Impact of Artificial Intelligence in the field of Health Care	March	2021	Journal of Physics: Conference Series	YES
383	S&H	WOS	International Journal	Dr.V.Ragavi	A Review on Graph Theory in Network and Artificial Intelligence	March	2021	Journal of Physics: Conference Series	YES
384	S&H	WOS	International Journal	Dr. S. Packiaraj	Structural and antioxidant properties of guanylhvdrazinium pyrazine-2-carboxylate	March	2021	Journal of Materials Science: Materials in Electronics	YES

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385	S&H	Scopus	International Journal	Dr.N.Subashini	Analysis of fuzzy queues using left-right representation	March	2021	Journal of Xi'an University of Architecture & Technology	YES
386	S&H	Scopus	International Journal	Dr.N.Subashini	Retrial fuzzy queue Characteristics by left-right representation	March	2021	Journal of Xi'an University of Architecture & Technology	YES
387	S&H	Scopus	International Journal	Dr.N.Subashini	Analysis of fuzzy queues using heptagonal fuzzy numbers	March	2021	Journal of Physics: Conference Series	YES
388	S&H	Scopus	International Journal	Ms. P. Revathy	Perspective study of Fluid Dynamics towards Engineering students: A Short Review	April	2021	Turkish Journal of Computer and Mathematics Eudcation	YES
389	S&H	WOS	International Journal	Dr. M.Sangeetha	Candidate Drugs for the Potential Treatment of Coronavirus Diseases	MAY	2021	Methods in Pharmacology and Toxicology(Book chapter)	YES
390	S&H	Scopus	International Journal	Ms. P. Revathy	Inverse domination in bipolar fuzzy graphs	MAY	2021	MATERIALS TODAY : PROCEEDINGS	YES
391	S&H	WOS	International Journal	Mr. M. Selvakumar	Basic deposition methods of thin films**	MAY	2021	Journal of Molecular Structure	YES
392	S&H	Scopus	International Journal	Mr. E. Karuppusamy	Complementary domination in Single valued neutrosophic graphs	MAY	2021	Materials Today: Proceedings	YES
393	CSBS	Scopus	International Conference	Dr.S.Balakrishnan	Smart Vision Wallet	September	2019	Sustainable Futures (ICESF) 2019, Nottingham Trent University, Nottingham, 9th to 11th September 2019 In	YES
394	CSBS	Scopus	International Conference	Dr.S.Balakrishnan	An Embarking User Friendly Palmprint Biometric Recognition System with Topnotch Security	April	2021	and Control Systems (ICICCS), 2021, pp. 1028-1032, doi: 10.1109/ICICCS51141.2021.9432230.	YES
395	CSBS	Scopus	International Conference	Dr.S.Balakrishnan	Interaction of Spatial Computing In Augmented Reality	March	2021	and Communication Systems (ICACCS), March 2021, pp. 1900-1904, doi: 10.1109/ICACCS51430.2021.9442010.	YES
396	CSBS	Scopus	International Conference	Dr.S.Balakrishnan	An Exploration of Robotic Process Automation in all Spans of Corporate Considerations	March	2021	2021 7th International Conference on Advanced Computing and Communication Systems (ICACCS),	YES
397	CSBS	Scopus	International Conference	Dr.S.Balakrishnan	A survey on Protocol Based Control System to Enhance Internet Censorship	December	2021	Proceedings of 1st International Conference on EMMA-2021, (Engineering, Medicine, Management,	YES
398	CSBS	Scopus	International Conference	Dr.S.Balakrishnan	A Survey for Recognizing Sign Language for Deaf-Mute People Using Image-Based Hand Recognition	December	2021	Proceedings of 1st International Conference on EMMA-2021, (Engineering, Medicine, Management,	YES
399	CSBS	Scopus	International Conference	Dr.S.Balakrishnan	Artificial Intelligence-Based Vociferation Chatbot for Emergency Health Assistant	December	2021	Proceedings of 1st International Conference on EMMA-2021, (Engineering, Medicine, Management,	YES
400	CSBS	Scopus	International Conference	Dr.S.Balakrishnan	Eye Tracking and Assistance Using Deep Learning for Paralyzed People with Cloud Integration for Data Processing	December	2021	Proceedings of 1st International Conference on EMMA-2021, (Engineering, Medicine, Management,	YES
401	CSBS	Scopus	International Conference	Dr.S.Balakrishnan	Monitoring of drowsiness using OpenCV and Python	December	2021	Proceedings of 1st International Conference on EMMA-2021, (Engineering, Medicine, Management,	YES
402	CSBS	Scopus	International Conference	Dr.S.Balakrishnan	A Survey on Artificial Intelligence Based Assisted Writing Device to Support Dyslexia Affected Children	December	2021	Proceedings of 1st International Conference on EMMA-2021, (Engineering, Medicine, Management,	YES
403	CSBS	Scopus	International Conference	Dr. S. Oswalt Manoj	A Deep Convolutional Neural Network based Detection System for Autism Spectrum Disorder in Facial Images	November	2021	2021 Fifth International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud) (I-SMAC)	YES
404	CSBS	Scopus	International Conference	Dr. S. Oswalt Manoj	Lung Cancer Detection using Modified Fuzzy C-Means Clustering and Adaptive Neuro-Fuzzy Network	October	2021	International Conference on Advances and Applications of Artificial Intelligence and Machine	YES
405	CSBS	Scopus	International Conference	Dr. S. Oswalt Manoj	Prediction of Autism Spectrum Disorder in Children using Face Recognition	October	2021	2nd International Conference on Smart Electronics and Communication (ICOSEC 2021) organized by	YES
406	CSBS	Scopus	International Journal	Dr.S.Balakrishnan	Heart Disease Prediction Using Machine Learning Algorithm	August	2021	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	YES

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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	CSBS	Scopus	International Journal	Dr.S.Balakrishnan	Performance Evaluation of Naive Bayes Classifier with and without Filter Based Feature Selection	August	2021	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	YES
408	CSBS	Scopus & WoS	International Journal	Dr.S.Balakrishnan	Reflections on COVID-19 in India: A Survey	October	2020	International Journal of Pharmaceutical Research	YES
409	CSBS	Scopus & WoS	International Journal	Dr.S.Balakrishnan	Coronavirus Disease (Covid-19) Outbreak In India	January	2020	International Journal of Pharmaceutical Research	YES
410	CSBS	Scopus & WoS	International Journal	Dr.S.Balakrishnan	SARS-CoV-2 Trauma Handling and Hazard Rescue Through Machine Learning	March	2021	International Journal of Pharmaceutical Research	YES
411	CSBS	Scopus & WoS	International Journal	Dr.S.Balakrishnan	IoT for Health Monitoring System Based on Machine Learning Algorithm	December	2021	Wireless Pers Commun	YES
412	CSBS	Scopus	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
413	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
414	CSBS	Scopus	International Journal	Dr. S. Oswalt Manoj	Roadmap to Biomedical Image Segmentation and Processing-Background and Approaches	August	2021	Design Engineering	YES
415	CSBS	Scopus & WoS	International Journal	Dr. S. Oswalt Manoj	Application of Machine Learning/Deep Learning Techniques in Health Care and Well-Being Systems	December	2020	International Journal of Information Technology Insights & Transformations	YES
416	CSBS	Scopus	International Journal	Dr. S. Oswalt Manoj	Memory and Time aware Automated Job Ontology Construction with reduced Ontology Size Based Semantic Similarity	December	2020	Journal of Xi'an Shiyou University, Natural Science Edition	YES
417	CSBS	Scopus & WoS	International Journal	Dr.S.Balakrishnan	Optimized virtual network function provisioning technique for mobile edge cloud computing	January	2021	J Ambient Intell Human Comput	YES
418	CSBS	Scopus & WoS	International Journal	Dr.S.Balakrishnan	scheduling optimization technique for cloud infrastructure services	January	2021	J Ambient Intell Human Comput	YES
419	CSBS	Scopus & WoS	International Journal	Dr.S.Balakrishnan	Automated query classification based web service similarity technique using machine learning	April	2021	J Ambient Intell Human Comput	YES
420	CSBS	Scopus & WoS	International Journal	Dr.S.Balakrishnan	predicting of data in precision agriculture based on internet of everything	April	2021	J Ambient Intell Human Comput	YES
421	CSBS	Scopus & WoS	International Journal	Dr.S.Balakrishnan	A Review of Classification Algorithms in Machine Learning for Medical IoT	January	2021	International Journal of Pharmaceutical Research	YES
422	CSBS	Scopus & WoS	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
423	CSBS	Scopus & WoS	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
424	CSE	WOS	International Journal	Oswalt Manoj S, Ananth J P,	MapReduce and Optimized Deep Network for Rainfall Prediction in Agriculture	June	2020	The Computer Journal	Yes
425	CSE	WOS	International Journal	Susan Augustine, J. P. Ananth	and energy-aware cluster head selection in wireless sensor networks,	June	2020	Wireless Networks (2020), Springer	Yes
426	CSE	Scopus	International Journal	K.Rama Abirami,G.Ram Sundar	Integrating Blockchain for Data Sharing using Tree Based Data Processing in Vanet Applications	June	2020	Test Engineering and Management	No
427	CSE	WOS	International Journal	Susan Augustine, J.P.Ananth	A modified rider optimization algorithm for multi hop routing in WSN	June	2020	International Journal of Numerical Modelling : Electronic Networks, Devices and Fields,	Yes

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428	CSE	Scopus	International Journal	Murugan KR, Nithin Bharathi K,	Audio Navigation System for Vision Impaired People	June	2020	Test Engineering and Management	NO
429	CSE	Scopus	International Journal	andan.S, Sachin Mohammed Rafic, Sibi	Secure Auditing and Deduplicating in Cloud Computing using MD5 Algorithm	June	2020	Test Engineering and Management	NO
430	CSE	Scopus	International Journal	Hussain,Aakhil Karthikkeyan V	Wireless Water Level Informer Using IOT	June	2020	International Journal of Advanced Science and Technology , (2020),	NO
431	CSE	Scopus	International Journal	Ms. J. Boopala	Blockchain for controlling social network activities and authorization procedures	June	2020	Test Engineering and Management	NO
432	CSE	Scopus	International Journal	Maheswari,S.Anumitha, R.Ajeetha	Classification of Arrhythmia Conditions using Neural Networks	June	2020	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	NO
433	CSE	Scopus	International Journal	Amutha A Christy Jeba Malar Karthick Nanmaran	network and the end user by eliminating the interference signals in MIMO channel	August	2020	Transactions on Emerging Telecommunications Technologies	Yes
434	CSE	WOS	International Journal	M,Naveena K R,Kameshwaran S,Kaza Rohini M	IOT Based Smart Hands Talk	August	2020	International Journal of Future Generation Communication and Networking	Yes
435	CSE	WOS	International Journal		Toward Alzheimer's disease classification through machine learning	September	2020	Soft Computing	Yes
436	CSE	WOS	International Journal	Dr.S.Venkata Lakshmi	using Multi-Media Comprehension Algorithm (MMCQA) in Natural Language Processing	September	2020	European Journal of Molecular & Clinical Medicine	Yes
437	CSE	WOS	International Journal	Dr.J.P.Ananth A.Francis Alexander Raghu	Object detection and localisation using Sparse FCmand optimization-driven deep convolutional neural network computing paradigm	Feb	2021	The computer journal	Yes
438	CSE	Scopus	International Journal	Ms.Srivaishnavi D		May	2021	Journal of Physics	Yes
439	CSE	Scopus	International Journal	MsGowthamani R.	Secured Cloud Based Health Care Framework with Blockchain	May	2021	Journal of Physics	Yes
440	CSE	Scopus	International Journal	Dr.Sujaritha M.	Real Time Face Mask Identification Using Deep Learning	May	2021	Journal of Physics	Yes
441	CSE	Scopus	International Journal	Mr.Senthil Murugan K.R.	Hyperspectral Image Classification Using Ensemble Transfer Learning	May	2021	Journal of Physics	Yes
442	CSE	Scopus	International Journal	Dr. K. Sasi Kala Rani	Fatigue Monitoring Using Real-Time Facial Expression Based on Neural Technique	May	2021	Journal of Physics	Yes
443	CSE	Scopus	International Journal	Mr.Karthikeyan N.	Machine Learning Based Classification Models for Heart Disease Prediction	May	2021	Journal of Physics	Yes
444	CSE	Scopus	International Journal	Dr.Janet J., Sureshkumar S.	Indicator for the Water Level Using Bluetooth	May	2021	Journal of Physics	Yes
445	CSE	Scopus	International Journal	Mr.Senthil Murugan K.R.	Real-Time Social Distance maintaining using Image Processing and Deep Learning	May	2021	Journal of Physics	Yes
446	CSE	Scopus	International Journal	Ms.Kousika N.	Machine Learning based Fraud Analysis and Detection System	May	2021	Journal of Physics	Yes
447	CSE	Scopus	International Journal	Dr.Sujaritha,,M	Privacy Preserving Verification Scheme for Cloud Platform Using DML	May	2021	Journal of Physics	Yes
448	CSE	Scopus	International Journal	Mr.Sivakumar M.	Comparative analysis of CNN and Viola-Jones for face mask detection	May	2021	Journal of Physics	Yes
449	CSE	Scopus	International Journal	Ms.Priya A.	Assistant for the guest with visually impaired using Deep Learning	May	2021	Journal of Physics	Yes

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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)
450	CSE	Scopus	International Journal	Dr.Vijeya Kaveri V.	Classification of Malignant Melanoma using Convolutional Neural Networks	May	2021	Journal of Physics	Yes
451	CSE	Scopus	International Journal	Ms.Majidha Fathima K.M.	MEMS Multi Sensor Intelligent Damage Detection for Wind Turbines by Using IOT	May	2021	Journal of Physics	Yes
452	CSE	Scopus	International Journal	Ms.Renugadevi G.	Predicting heart disease using hybrid machine learning model	May	2021	Journal of Physics	Yes
453	CSE	Scopus	International Conference	Dr. K. Sasi Kala Rani	Experimental evaluations of malicious node detection on wireless sensor network environment	May	2021	IEEE Xplore Conference	Yes
454	CSE	Scopus	International Conference	Ms.Kousika N.	A system for fake news detection by using supervised learning model for social media contents	May	2021	IEEE Xplore Conference	Yes
455	CSE	Scopus	International Conference	Ms. S. Mohana Gowri	Detection of real-time facial emotions via deep convolution neural network	May	2021	IEEE Xplore Conference	Yes
456	CSE	Scopus	International Conference	Ms.Majidha Fathima K.M.	A Survey on Network Packet Inspection and ARP Poisoning Using Wireshark and Ettercap	April	2021	IEEE Xplore Conference	Yes
457	CSE	Scopus	International Conference	Ms.Rohini M.	A Comparative Approach to Predict Corona Virus Using Machine Learning	April	2021	IEEE Xplore Conference	Yes
458	CSE	Scopus	International Conference	Dr. K. Sasi Kala Rani	Blockchain driven IoT based Delish2Go Decentralized Food Delivery Application	April	2021	IEEE Xplore Conference	Yes
459	CSE	Scopus	International Conference	Ms.Kavitha M.	Agro Chain - The Life of Wealth in Agriculture	May	2021	IEEE Xplore Conference	Yes
460	CSE	Scopus	International Conference	Ms. S. Mohana Gowri	Detection of Telephony Spam and Scams using Recurrent Neural Network (RNN) Algorithm	May	2021	IEEE Xplore Conference	Yes
461	CSE	Scopus	International Journal	Mr. D.Mansoor Hussain	The efficient fast-response content-based image retrieval using spark and MapReduce model framework	May	2021	Journal of Ambient Intelligence and Humanized Computing	Yes
462	CSE	Scopus	International Journal	Ms.Rohini M.	Toward Alzheimers disease classification through machine learning	May	2021	Soft Computing	Yes
463	CSE	WOS	International Journal	Mr.Karthikeyan N.	Fast and efficient lossless encoder in image compression with low computation and low memory	May	2021	IET Image Processing	Yes
464	CSE	WOS	International Journal	Ms.Kousika N	using singular value decomposition with three-dimensional rotation data perturbation	May	2021	Journal of Supercomputing	Yes
465	CSE	Scopus	International Journal	Dr. K. Rama Abirami	Integrity Auditing and Data Sharing	May	2021	Journal of Physics	Yes
466	CSE	Scopus	International Journal	Dr. K. Rama Abirami	Deep learning based Food Recognition using Tensorflow	May	2021	Journal of Physics	Yes
467	CSE	Scopus	International Journal	Dr.Vijeya Kaveri V.	An Automated Security Approach of Image and Video Steganography	Jan	2021	ETAERE 2020: Advances in Power Systems and Energy Management pp 443-450	Yes
468	CSE	Scopus	International Journal	Ms. Biruntha S	Ayurveda Based Constituent Balancing In Human Body Using Machine Learning Techniques	March	2021	Journal of Huazhong University of Science and Technology	No
469	CSE	Scopus	International Journal	Mr.N.Karthikeyan	Twitter Sentimental Analysis Using Augmented Naive-Bayes Algorithm	April	2021	Annals of the Romanian Society for cell Biology	Yes
470	CSE	Scopus	International Journal	Ms.M.Rohini	Applications of Machine Learning/Deep Learning Techniques in healthcare and well-being systems	May	2021	International journal of Information technology insights and transformations- Eureka Publications	Yes
471	CSE	Scopus	International Conference	Elamukhil, R Ajeeth, R Ashwin	Distributed ensemble based deep learning architecture for intrusion detection against cyber attack	May	2021	Journal of Physics: Conference Series	Yes

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472	CSE	Scopus	International Journal	Dr.M.Sujaritha Ms.S.Shanmuga priya	Security Attacks on Internet of Things	Jan	2021	IGI Global: Privacy and Security Challenges in Location Aware Computing	No
473	CSE	Scopus	International Journal	Meenakshi , Deepan.T, Dharnish.C.M ,	DCGAN (Deep Convolutional Generative Adversarial Neural Network)	May	2021	Education	No
474	CSE	Scopus	International Conference	Ms.K M Majidha Fathima N. Santhiyakumari	A Survey on Evolution of Cloud Technology and Virtualization	March	2021	IEEE Xplore Conference	Yes
475	CSE	Scopus	International Journal	S Abishek, K P Ashwanth,	Feature Specific Hybrid Framework on composition of Deep learning architecture for speech emotion recognition	May	2021	Journal of Physics: Conference Series	Yes
476	CSE	Scopus	International Journal	Dr. S.Venkatalakshmi	Predicting Supervised Machine learning performances for Sentiment Analysis using contextual based Approches	March	2021	Journal of Physics: Conference Series	No
477	CSE	WOS	International Journal	Dr. S.Venkatalakshmi	Evolutionary Deep Learning Based Liver Tumour Segmentation Optimized With Pso In Ct Scans	Feb	2021	International Journal of Grid and Distributed Computing	Yes
478	CSE	Scopus	International Journal	Dr. S.Venkatalakshmi	Role and applications of IoT in materials and manufacturing industries – Review	Feb	2021	Materials Today: Proceedings	Yes
479	CSE	Scopus	International Conference	Dr.V. Arulkumar	Super Resolution and Demosaicing based self learning Adaptive Dictionary Image Denoising framework	May	2021	IEEE Conference	No
480	CSE	Scopus	International Journal	Dr.P. Kavitha Rani	A Novel Session Password Security Technique using Text	May	2021	Journal of Physics	Yes
481	CSE	Scopus	International Journal	Ms. J. Fenila Naomi	Intelligent Transaction System for Fraud Detection using D	May	2021	Journal of Physics	Yes
482	CSE	Scopus	International Journal	Ms.Pooranam N.	An Automated Machine Learning Approach for Stroke Pred	May	2021	Journal of Physics	Yes
483	CSE	Scopus	International Journal	Dr.Senathipathi K.	Electromyography in MachineLearning	May	2021	Journal of Physics	Yes
484	CSE	Scopus	International Journal	Dr.Pushpalatha A.	Skin Cancer Classification Detection using CNN and SVM	May	2021	Journal of Physics	Yes
485	CSE	Scopus	International Journal	Ms.Sophia B	A Secure Remote Clinical Sensor Network Approach for Pr	May	2021	Journal of Physics	Yes
486	CSE	Scopus	International Journal	Dr.D.Prabha	Customer behavior analysis using Naive Bayes with baggin	April	2021	Springer	Yes
487	CSE	Scopus	International Journal	Ms.Sophia B.	Semantic Approach to Live Data Mining Using Clustering T	May	2021	IEEE	Yes
488	CSE	Scopus	International Journal	Ms. J. Fenila Naomi	Scrutinizing Students Performance using Machine learning	May	2021	IEEE	Yes
489	CSE	Scopus	International Journal	Ms.Azhaguramyaa V.R.	An Efficient Approach towards Surrogate Node Selection fo	May	2021	IEEE	Yes
490	CSE	Scopus	International Journal	Ms. J. Fenila Naomi	Data Privacy Preserving Recommendations for Social Med	May	2021	IEEE	Yes
491	CSE	Scopus	International Journal	Dr.D.Prabha	Sentiment analysis of student feedback using multi-head at	May	2021	Journal of Ambient Intelligence and Humanized Compu	Yes
492	CSE	Scopus	International Journal	Dr.D.Prabha	Alleviating NB conditional independence using Multi-stage v	May	2021	Journal of Physics	Yes
493	CSE	Scopus	International Journal	Dr.D.Prabha	Diabetes Mellitus Prediction System Using Hybrid KPCA-G	May	2021	Journal of Physics	Yes

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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)
494	CSE	Scopus	International Journal	Mr.M.Manikandan	The Desiderata of Blockchain and IoT in Medical and Pharm	June	2021	EAI/Springer Innovations in Communication and Computing	Yes
495	CSE	Scopus	International Journal	Dr.D.Prabha	Optimizing Naive Bayes Probability Estimation in Customer	May	2021	Lecture Notes on Data Engineering and Communication	Yes
496	CSE	Scopus	International Journal	Dr.P. Kavitha Rani	Experimental analysis for moisture sensing system on silica	May	2021	Materials Today: Proceedings	Yes
497	CSE	Scopus	International Journal	Ms.Azhaguramyaa V.R.	Location-aware security system for smart cities using iot	May	2021	Advances in Intelligent Systems and Computing	Yes
498	CSE	Scopus	International Journal	Dr.P.Kavitha Rani	Smart Agriculture Environment Using Evolutionary Wireless	Feb	2021	International Journal of Grid and Distributed Computing	Yes
499	CSE	Scopus	International Journal	Dr.K.Senathipathi	Block Chain integrated IOT - Future of IoT	Feb	2021	Materials Today:Proceedings	Yes
500	CSE	Scopus	International Journal	Ms.N.Pooranam	Smart equipment to protect patients and people from COVID	June	2021	Biomedical Engineering Tools for Management for Patients	Yes
501	CSE	Scopus	International Journal	Dr.D.Prabha	Design of novel multi filter union feature selection framework	July	2021	CONCURRENT ENGINEERING-RESEARCH AND APPLICATIONS	Yes
502	CSE	Scopus	International Journal	Ms. J. Fenila Naomi	Machine and Deep Learning Techniques in IoT and Cloud	Jan	2021	IGI Global - Challenges and Opportunities for the Convergence	Yes
503	CSE	Scopus	International Journal	Ms. V.R. Azhaguramyaa	An Intelligent System for Waste Materials Segregation using	March	2021	Journal of Physics: Conference Series	Yes
504	CSE	Scopus	International Journal	Dr.P.Kavitha Rani K.S. Ma	A CBRD Techinque for Energy Efficient Bandwidth Image S	June	2021	IEEE Xplore Conference	Yes
505	CSE	Scopus	International Journal	Dr.K.Senathipathi Gokula	SIGPID For Machine Learningbased Android Malware Dete	June	2021	IEEE Xplore Conference	Yes
506	CSE	Scopus	International Journal	Ms. J. Boopala Ajay Prabi	Last Mile Parcel Deliveries Via HorizontalCollaborated Micr	June	2021	Journal of Huazhong University of Science and Techno	NO
507	CSE	Scopus	International Journal	Dr. G. Edwin Prem Kumar	Machine Learning Algorithms for Modelling Agroclimatic ind	July	2021	Smart Computing Techniques and Applications	Yes
508	CSE	WOS	International Journal	Dr.D.Prabha	Improved EM algorithm in software reliability growth models	September	2020	International Journal of Powertrains, Inderscience publi	Yes
509	CSE	Scopus	International Journal	J.Fenila Naomi	IOT based Flood vigilance system	November	2020	Journal of Xi'an University of Architecture & Technology	NO
510	CSE	Scopus	International Journal	Dr. Edwin Prem Kumar	Machine learning applications in wind turbine generating sy	December	2020	Materials Today: Proceedings	Yes
511	EEE	Scopus	International Journal	Dr. K. C. Ramya	Assessment of Z-Source Based 7 level cascaded Multi Level Inver	August	2021	Turkish Journal of Computer and Mathematics Education	NO
512	EEE	Scopus	International Conference	Dr. K. C. Ramya	Execution of smart electric vehicle charging station driven by RE	December	2021	IEEE Mysore Sub Section International Conference (Mysuru	YES
513	EEE	WoS & Scopus	International Journal	Dr. K. C. Ramya	An automated deep learning based muscular dystrophy detection	January	2022	Computers, Materials and Continua	YES
514	EEE	WoS & Scopus	International Journal	Dr. K. C. Ramya	Energy Aware Metaheuristic Optimization with Location Aided R	January	2022	Computers, Materials and Continua	YES
515	EEE	Scopus	International Journal	Dr. K. C. Ramya	Emerging advanced photonics applications of graphene and beyo	January	2022	Journal of Materials Research	YES

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516	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
517	EEE	Scopus	International Journal	Dr. R. Sumathi	Detection of alive human in earthquake areas using Arduino Con	August	2021	International Journal of Modern Agriculture	YES
518	EEE	WoS & Scopus	International Journal	Dr. R. Sumathi	A hybrid approach for power flow management in smart grid cor	October	2021	IETE Journal of Research	YES
519	EEE	Scopus	International Conference	Dr. S. Sivaranjani	A Statistical Approach on Opportunities and Challenges in the EV	October	2021	IEEE Xplore	YES
520	EEE	WoS & Scopus	International Journal	Dr. M. Senthilkumar	Solar photovoltaic based dynamic voltage restorer with DC-DC b	October	2021	RECOVERY, UTILIZATION, AND ENVIRONMENTAL EFF	YES
521	EEE	Scopus	International Conference	Dr. M. Senthilkumar	IoT temperature and mask scan entry for covid prevention	October	2021	AIP Conference Proceedings	YES
522	EEE	WoS & Scopus	International Journal	Dr. P. Vinothkumar	A Comprehensive Review on Sustainable Aspects of Big Data An	December	2021	Sustainability	YES
523	EEE	Scopus	International Conference	Mr. R. Kavin	Dual Axis Smart Solar Tracker Using Arduino	October	2021	IEEE Xplore	YES
524	EEE	Scopus	International Conference	Ms. N. Subhalakshmi	Fuzzy Logic Controller Based Speed Ripple Reduction in PMSM	October	2021	IEEE Xplore	YES
525	EEE	Scopus	International Conference	Dr. A. Radhika	Power Conversion in PMSG Wind Energy Conversion Systems us	October	2021	IEEE Xplore	YES
526	EEE	Scopus	International Conference	Dr. S. Sivaranjani	An Intelligent Energy Management System with an Efficient IoT	June	2022	IEEE Xplore	YES
527	EEE	Scopus	International Conference	R. Geethamani	IOT Based Smart Green House for Future Using Node MCU	June	2021	IEEE Xplore	YES
528	EEE	Scopus	International Conference	R. Geethamani	Garbage Management System	June	2021	IEEE Xplore	YES
529	EEE	Scopus	International Conference	R. Geethamani	Implementation of Smart Agricultural Monitoring System Using	February	2022	IEEE Xplore	YES
530	EEE	Scopus	International Conference	R. Geethamani	Stability Analysis of a Walking Robot Using an Inverted Pendulu	March	2022	IEEE Xplore	YES
531	EEE	Scopus	International Journal	Dr.B.Karthikeyan	Nanoscale graphene plasmonics logic gate based on the plasma d	March	2022	Journal of Optical & Quantum Electronics	YES
532	EEE	WoS & Scopus	International Journal	Dr. G.Radhakrishnan	A genetic load balancing algorithm to improve the QoS metrics fo	January	2022	Multimedia Tools and Applications	YES
533	EEE	Scopus	International Conference	Dr. G.Radhakrishnan	Design of Temperature Control in Solid State Fermentation Proce	September	2021	IEEE Xplore	YES
534	EEE	WoS & Scopus	International Journal	Dr. G.Radhakrishnan	A deep-RNN and meta-heuristic feature selection approach for lo	October	2021	Materials Today: Proceedings	NO
535	EEE	WoS & Scopus	International Journal	Dr. T. Kokilavani	3-Phase multi-inverter with cascaded H-Bridge inverter designi	April	2022	Sustainable Energy Technologies and Assessmets	YES
536	EEE	WoS & Scopus	International Journal	Dr. Ramji Tiwari	Implementation of different mppt techniques in solar pv tree und	July	2021	Sustainability (Switzerland)	YES
537	EEE	Scopus	International Journal	Dr. Ramji Tiwari	Quadratic Boost Converter for Wind Energy Conversion System u	March	2022	International Journal of Energy Technology and Policy	YES

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

Publication details for the Year 2020-2021

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)
538	EEE	Scopus	International Conference	T. Malini	Testing the quality of cereals and pulses using LabVIEW	July	2021	IEEE Xplore	YES
539	EEE	Scopus	International Conference	T. Malini	Iot and LORA based substation Monitoring and Control System	July	2021	IEEE Xplore	YES
540	EEE	Scopus	International Conference	N. Loganathan	Evolution Of Outcome Based Engineering Education In India - A	June	2021	IEEE Xplore	YES
541	EEE	Scopus	International Conference	N. Loganathan	Smart Substation Monitoring and Control	June	2021	IEEE Xplore	YES
542	EEE	Scopus	International Conference	N. Loganathan	Solar Photo Voltaic Based Water Pumping Using BLDC Motor	June	2021	IEEE Xplore	YES
543	EEE	Scopus	International Conference	Vineeth V V	Power Theft Recognition in Smart Meter Reading of a Smart Grid	June	2021	IoP Physics	YES
544	EEE	Scopus	International Conference	Vineeth V V	Authenticated Smart Meter Reading for a Secure Smart Grid	June	2021	IoP Physics	YES
545	EEE	Scopus	International Conference	S.Karthikeyan	Solar Based Fast Tag Charger for Electrical Vehicle	June	2021	IEEE Xplore	YES
546	EEE	Scopus	International Conference	S.Karthikeyan	Hardware design of Multi Input and Multi Output MIMO Conve	June	2021	IEEE Xplore	YES
547	EEE	Scopus	International Conference	Ms. N. Subhalakshmi	Investigations on Finite Element Analysis of Permanent Magnet S	February	2022	IEEE Xplore	YES
548	EEE	Scopus	International Conference	Dr. K. C. Ramya	LPG Leakage Detector with Smart SMS Alert using Microcontrol	August	2021	IEEE Xplore	YES