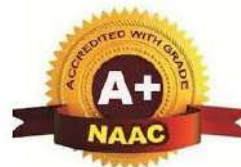# SARANATHAN COLLEGE OF ENGINEERING

(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai-25)

Venkateswara Nagar, Panjappur, Tiruchirappalli - 620 012, Tamil Nadu.

INDEX

CRITERION: 6.5.1

Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

2021 - 2022

Roll No:NPTEL22EE33S14320892

To S RAM PRASATH
NO 27 , NEW ALPHA NAGAR,
KARUMANDAPAM
TRICHY
TAMIL NADU - 620001
PH. NO :9944092636

No. of weeks of NPTEL Courses	Equivalence of NPTEL course with regular FDP
4	$\frac{1}{2}$ FDP of one week
8	Full FDP of one week
12	$1\frac{1}{2}$ FDP

Duration of NPTEL course: 8 Weeks

NPTEL-AICTE
Faculty Development Programme

(Funded by the MoE, Govt. of India)

This certificate is awarded to

S RAM PRASATH

for successfully completing the course

Design of Power Electronic Converters

with a consolidated score of **68** %

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

(Feb-Apr 2022)

Prof. Dileep N. Malkhede
Advisor-I (Research, Institute & Faculty Development)
All India Council for Technical Education

Roll No: NPTEL22EE33S14320892

Roll No:NPTEL22EE53S34320444

To RAM PRAKASH PONRAJ
117/2, PERIYAR NAGAR 2ND STREET
THIRUVANAIKOIL
TIRUCHIRAPALLI
TAMIL NADU - 620005
PH. NO :9487676423

No. of weeks of NPTEL Courses	Equivalence of NPTEL course with regular FDP
4	$\frac{1}{2}$ FDP of one week
8	Full FDP of one week
12	$1\frac{1}{2}$ FDP

Duration of NPTEL course: 4 Weeks

NPTEL-AICTE
Faculty Development Programme
(Funded by the MoE, Govt. of India)

This certificate is awarded to

RAM PRAKASH PONRAJ

for successfully completing the course

Electric Vehicles - Part 1

with a consolidated score of **55** %

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

(Feb-Mar 2022)

Prof. Dileep N. Malkhede
Advisor-I (Research, Institute & Faculty Development)
All India Council for Technical Education

Roll No: NPTEL22EE53S34320444

Roll No: **NPTEL22EE53S34320442**

To
RAMESH BABU PERUMAL
42,MANIKANDAN STREET,GANAPATHY NAGAR,
OLAIYUR ROAD,K.SATHANUR POST,K.K.NAGAR
TRICHY
TAMILNADU - 620021
PH. NO :9788979918

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:1
An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

RAMESH BABU PERUMAL

for successfully completing the course

Electric Vehicles - Part 1

with a consolidated score of **53** %

Online Assignments	23.33/25	Proctored Exam	30/75

Total number of candidates certified in this course: **569**

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Feb-Mar 2022
(4 week course)

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras

Indian Institute of Technology Madras

swayam

Number of research papers per teachers in the Journals notified on UGC website during the year 2021-2022

			2021 - 2022			
Title of paper	**Name of the author/s**	**Department of the teacher**	**Name of journal**	**Year of publication**	**ISSN number**	**Journal Link**
Object Detection And Segmentation From Video On Road Using Mask Rcnn	Dr. S Mohana, S Priyanka, H Rinusha Banu, A Sanmugi, V Vaishnavi Devi	CSE	Journal of Xi'an University of Architecture & Technology	2022	1006-7930	https://app.box.com/s/ns1qm1qd0t5ruqlch1bp6ryk532x9t7e
Crop Recommendation And Price Prediction Of Fruits, Vegetables And Commodities For Farmers And Sellers	Dr.S.Mohana, B.Giridhar, S.Kishore Kumar, T.Lakshwanth Sabarish, M.Muthuraja	CSE	Journal of Xi'an University of Architecture & Technology	2022	1006-7930	https://app.box.com/s/56dahbzzs6p8dwqq1jfc78rlv0842963
Questioning Generation using Natural Language Processing	Dr.PL.Rajarajeswari,M.Devadharshini,P.Kaviya,C.Moshmi	CSE	International Journal of Innovative Research in Computer and Communication Engineering	2022	2320-9801	http://ijircce.com/admin/main/storage/app/pdf/zbsr0TCboXvTbg7MFbgGMsfAKbI9Jx1ElqGLxN97.pdf
Movie Recommendation Website using Machine Learning	Dr.PL.Rajarajeswari,M.Swathi Meenakshi,R.Swetha,R.Yamuna,R.Yazhini	CSE	International Journal of Innovative Research in Computer and Communication Engineering	2022	2320-9801	http://ijircce.com/admin/main/storage/app/pdf/fRy7Cg9nzvhFTzr1rU6I1ZAJEa4y6aQKC6Bmp5iV.pdf
Improved Meta-Heuristic Algorithm for Selecting Optimal Concurrency and Computation	Ramar Senthamil Selvi Muniyappan Lakshapalam Valarmathi Prathima Devadas	CSE	Concurrency and Computation	2022	1532-0634	https://www.researchgate.net/publication/360646399_Improved_meta-heuristic_algorithm_for_selecting_optimal_features_A_big_data_classification_model
Divide and Conquer approach for LargeScale Deployment Of A Computer VisionBased Personal Bubble Monitoring Solution With Optional Automated Camera Calibration	Dr.R.Senthamil Selvi, P.Dineshkumar, P.Aishwarya, S.Gayathri, M.Karishma Begum	CSE	Journal of Xi'an University of Architecture & Technology	2022	1006-7930	https://app.box.com/s/5p2xgjwx7am7855c1xvm53dh71vw9qgc
Crowdfunding Platform Using Blockchain Technology	Dr. R. Senthamil Selvi, Vishnu C,SuryaPrakash R, Priyadharsan A S, Prasanna Venkateshwar D B	CSE	International Journal of Innovative Research in Technology	2022	2349-6002	https://ijirt.org/master/publishedpaper/IJIRT155716_PAPER.pdf
Vision Based Yoga Posture Detection and Classification Using Deep Learning	Dr.R Senthamil Selvi, K Deepika , S R Grityka, S Harshini, L Kaviswetha	CSE	The International journal of analytical and experimental modal analysis	2022	0886-9367	https://drive.google.com/file/d/1jWb3HfvDuxPBIkIQp5q-jC9oWTjb3TYE/view
Nested Genetic Algorithm and Fuzzy Secured Node selection Routing Protocol for MANET.	S. Venkatasubramanian	CSE	Journal of Emerging Technologies and Innovative Research	2022	2349-5162	https://www.jetir.org/papers/JETIR2206194.pdf
Fault Diagnosis using Data Fusion with Ensemble Deep Learning Technique in IIoT	S Venkatasubramanian,1 S Raja,2 V Sumanth,3 Jaiprakash Narain Dwivedi,4 J Sathiaparkavi,5 Santanu Modak,6 and Mandefro Legesse Kejela	CSE	Hindawi	2022	2090-9071	https://www.researchgate.net/publication/361300129_Fault_Diagnosis_Using_Data_Fusion_with_Ensemble_Deep_Learning_Technique_in_IIoT
Efficient Data Verification Systems for Privacy Networks	S.VenkataSubamanian,Vinoth kumar V.,Ajanthaa Lakkshmanan,Mohan E.	CSE	IGI GLOBAL	2022	1539-2937	https://www.igi-global.com/chapter/efficient-data-verification-systems-for-privacy-networks/301826

Energy-efficient and balanced load routing approach using Bald Eagle Search Algorithm for path convergence in MANET	S.Venkatasubramanian,S.HariPrasath	CSE	Journal of Xi'an University of Architecture & Technology	2022	1006-7930	https://app.box.com/s/vozwqish37hvuoanexdu8fa1soq5q47v
Customer Segmentation Using K-Means Algorithm	S.Venkatasubramanian, Sriram.S, Surya Prakash.S, Veluganes.V.S, Vignesh.S	CSE	International Journal of Innovative Research in Computer and Communication Engineering	2022	2320-9801	http://ijircce.com/admin/main/storage/app/pdf/m4wzvLCvayxDWe0leIBbHHTm9GKpFH2NKBnLKL5O.pdf
An Energy Efficient Clustering Algorithm in Mobile Adhoc Network Using Ticket Id Based Clustering Manager	S. Venkatasubramanian , Dr. A. Suhasini , and Dr. C.Vennila	CSE	International Journal of computer science and Network security(IJCSNS)	2021	1738-7906	https://koreascience.kr/article/JAKO202123563874609.pdf
An Efficient Route Optimization Using Ticket-ID Based Routing Management System (T-ID BRM)	S. Venkatasubramanian , Dr. A. Suhasini , and Dr. C.Vennila	CSE	Springer -wireless Personal Communication	2021	0929-6212	https://link.springer.com/article/10.1007/s11277-021-08731-6
Efficient Multipath Zone-Based Routing in MANET Using (TID-ZMGR) Ticked-ID Based Zone Manager	S. Venkatasubramanian , Dr. A. Suhasini , and Dr. C.Vennila	CSE	International Journal of Computer Networks and Applications (IJCNA)	2021	2395-0455	https://www.ijcna.org/Manuscripts/IJCNA-2021-O-33.pdf
IoT and AI Based Recognition and Classification of COVID 19 Persons in Public Place	Ayeesha Nasreen M, Senthil Kumar K, Karthikeyan E,Gnana Arun Johnson J,Harie Shanker E M,Venkatasubramanian S	CSE	Turkish Online Journal of Qualitative Inquiry	2021	1309-6591	https://www.tojqi.net/index.php/journal/article/view/7728/5486
Optimized Gaming based Multipath Routing Protocol with QoS Support for High-Speed MANET	S. Venkatasubramanian	CSE	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	2021	2581-9429	https://www.researchgate.net/publication/354567083_Optimized_Gaming_based_Multipath_Routing_Protocol_with_QoS_Support_for_High-Speed_MANET
Multistage Optimized Fuzzy Based Intrusion Detection protocol for NIDS in MANET	S. Venkatasubramanian	CSE	International Journal of Innovative Research in Technology(IJIRT)	2021	2349-6002	https://ijirt.org/master/publishedpaper/IJIRT153276_PAPER.pdf
Correlation distance based Greedy perimeter stateless routing algorithm for WSN	S. Venkatasubramanian	CSE	International journal of Advanced Computer Networks and Applications (IJANA)	2021	0975-0282	https://www.proquest.com/openview/a47e1b276058971d38083dd917ae4e76/1?pq-origsite=gscholar&cbl=886380
Detection of black hole attack using Honeypot Agent based scheme with deep learning Techniques in MANET	S. Venkatasubramanian	CSE	Ingénierie des Systèmes d'Information	2021	1633-1311	https://www.iieta.org/journals/isi/paper/10.18280/isi.260605
A Chaotic Salp Swarm Feature Selection Algorithm for Apple and Tomato Plant Leaf Disease Detection	S. Venkatasubramanian	CSE	International Journal of Advanced Trends in Computer Science and Engineering(IJATCSE)	2021	2278-3091	https://www.academia.edu/57416862/A_Chaotic_Salp_Swarm_Feature_Selection_Algorithm_for_Apple_and_Tomato_Plant_Leaf_Disease_Detection
Cluster head selection and optimal multipath detectionusing coral Reef Optimization in MANET environment	S. Venkatasubramanian, A. Suhasini & C. Vennila	CSE	MECS-IJCNIS	2022	2074-1274	https://www.mecs-press.org/ijcnis/ijcnis-v14-n3/IJCNIS-V14-N3-7.pdf
Image De-Blurring& De-Noising Using Wiener Filter& Anisotropic Diffusion for Natural Images	Venkatasubramanian S, Saravanan P, Dr.Saravanan A, Ongole Gandhi, Karthikeyan E, Naveen Kumar Polisetty S	CSE	Journal of Data Engineering	2021	2180-1274	http://www.thedesignengineering.com/index.php/DE/article/view/7959

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Ambulatory Monitoring of Maternal and Fetal using Deep Convolution Generative Adversarial Network for Smart Health Care IoT System	S. Venkatasubramanian	CSE	International Journal of Advanced Computer Science and Applications	2022	2156-5570	https://thesai.org/Downloads/Volume13No1/Paper_26-Ambulatory_Monitoring_of_Maternal_and_Fetal_using_Deep_Convolution.pdf
An Improved DFA Based Kernel Ensemble Learning Machine Using Local Feature Representations for Face Recognition	Kavitha, Na; Ruba Soundar, Kb ,Sathis KumarTc	CSE	Journal of Intelligent & Fuzzy Systems	2021	1875-8967	https://content.iospress.com/articles/journal-of-intelligent-and-fuzzy-systems/ifs210130
Smart Infant and Child Monitoring System using Integrated IoT and GIS	R Rengaraj alias Muralidharan, Priyanka Subbaiah, Lakshmi Kanthan Narayanan	CSE	Design Engineering	2021	0011-9342	https://scholar.google.co.in/citations?view_op=view_citation&hl=en&user=0kSlqbsAAAAJ&citation_for_view=0kSlqbsAAAAJ:LkGwnXOMwfcC
IoT-Fog Intergrated Voice of the Plant Based Smart Irrigation and Power Management Systems for Smart Farming	Lakshmi Kanthan Narayanan, Priyanga Subbaiyah, Iswarya Gururajan, Ranjani Sampathkumar, R. Rengaraj Alias Muralidharan	CSE	Natural Volatile and Essential Oils	2021	2148-9637	https://www.nveo.org/index.php/journal/article/view/1685
Forecasting Parameter Strategy Using Data Analytics in Supply Chain Management	Chandrasekaran, Kulumani Subramanian; Mahalakshmi, Venkatachalam; Anathapadmanabhan, Mallasamudram Ramanathan	CSE	Ingénierie des Systèmes d'Information	2021	1633-1311	https://search.ebscohost.com/login.aspx?direct=true&profile=ehost&scope=site&authtype=crawler&jrnl=16331311&AN=153780168&h=ac5arAPIqfQBbPe3VmdJJQzbcQkknl69r9XptyBPnjAhh9RczsLmGw1CcXoCYH6xCk1ceSWBeE5I%2F9zV7O2s1w%3D%3D&crl=c
Bike Rental Demand Forecast Using Ml Techniques	G. Balachandran, S. Dinesh Kumar, S. Nageshwaran,R. Nithish Ram, Mr. R. Karthik	CSE	International Research Journal of Modernization in Engineering Technology and Science	2022	2582-5208	https://www.irjmets.com/uploadedfiles/paper/issue_7_july_2022/27675/final/fin_irjmets1657033327.pdf
Fault Diagnosis using Data Fusion with Ensemble Deep Learning Technique in IIoT	S Venkatasubramanian,1 S Raja,2 V Sumanth,3 Jaiprakash Narain Dwivedi,4 J Sathiaparkavi,5 Santanu Modak,6 and Mandefro Legesse Kejela	CSE	Hindawi	2022	2090-9071	https://www.hindawi.com/journals/mpe/2022/1682874/
Fine tuning twitter text sentiment analysis using BERT model	J.Sathia Parkavi,E.Aishwariya,R.Bharathi,A.S.Janani ,S.Naveena	CSE	International Journal of Analytical and Experimental Modal analysis	2022	0886-9367	https://drive.google.com/file/d/1tvF4Ae9QPGdUvrKLALHTQeEdCdLkJSCe/view
Cyber attacks prevention based on Modified LVQ in SDN Networks using Neural Networks	P.B.Arun Prasad	CSE	Smart Innovation, Systems and Technologies	2022	978-981-19-2718-8	https://link.springer.com/chapter/10.1007/978-981-19-2719-5_52
Performance Analysis of Network Anomaly Detection using Bi-LSTM	P.B.Arun Prasad,Prashanthi B ,Sonali P,Sowmiya S,Yogalakshmi P	CSE	International Journal of Innovative Research in Computer and Communication Engineering	2022	2320-9801	http://ijircce.com/admin/main/storage/app/pdf/syKXDWh1FZZOFMzbsxObfjJ43PHDq4yCwJbXRFep.pdf
Lung Cancer Detection Using Deep Convolution Neural Network	P.B.Arun Prasad,S.Charanjeeth, T.S.Kartick Raj, G.Manikandan M. Mohamed Jasim,	CSE	International Journal of Innovative Research in Computer and Communication Engineering	2022	2320-9801	http://ijircce.com/admin/main/storage/app/pdf/2eLBRgaqhCMyA3sEtXhbee3L8vtq0fEYHZcra3Yh.pdf
Building Human Action Recognition Using CNN	A.T.Barani Vijaya Kumar, C. Kanimozhi,R. Harini, S. Harini, L. X. Heartina Lancy	CSE	International Journal of Innovative Research in Computer and Communication Engineering	2,022	2320-9801	http://ijircce.com/admin/main/storage/app/pdf/pLQI9XazEtRt9BIPQosTLQP6aeMrYtHOizLFqWw7.pdf
Divide and conquer approach for Large Scale Deployment of a Computer Vision Based Personal Bubble Monitoring Solution With Optional Automated Camera Calibration	P.Dineshkumar, Dr.R.Senthamil Selvi, P.Aishwarya, S.Gayathri, M.Karishma Begam	CSE	Journal of Xi'an University of Architecture & Technology	2022	1006-7930	https://app.box.com/s/5p2xgjwx7am7855c1xvm53dh71vw9qgc

Title	Authors	Dept	Journal	Year	ISSN	Link
Image Caption Generator using Hybrid CNN -LSTM Model	P. Dinesh Kumar , Harish.V , Y. Basheer Ahmed , M. Mohamed Omar Jafran A. J. Adaikalarai	CSE	International Journal of Innovative Research in Computer and Communication Engineering	2022	2320-9801	http://ijircce.com/admin/main/storage/app/pdf/nKTFm27cEffpSiw4vMOB2oPyw0JNCeSXLC7HYOcK.pdf
Online Fake Review Detection through Ensemble Learning	K.Mohanappriya M.Keerthana D.Logitha G Kaveya M.Mariyammal	CSE	The International Journal of Analytical and experimental modal analysis	2022	0886-9367	https://drive.google.com/file/d/1i2l8mj-HNJtvUM1o_dq4PahlYwdBw4Jm/view
Avatar Creation Using Face Reconstrction and Rendering	G.Iswarya 1 , R.Sharmila2, K.Shuba Shwetha3, M.Varshini4, M .Varthihaharsni	CSE	International Journal of Innovative Research in Computer and Communication Engineering	2022	2320-9801	http://ijircce.com/admin/main/storage/app/pdf/cxOc0EnglLdMnBkGNvuEdMROJLm86yySQbgF13J2.pdf
Smart Infant and Child Monitoring System using Integrated IoT and GIS	R Rengaraj alias Muralidharan, Priyanka Subbaiah, Lakshmi Kanthan Narayanan	CSE	Design Engineering	2021	0011-9342	https://scholar.google.com/scholar?cluster=2958436188778961187&hl=en&oi=scholarr
Time Series Analysis for Demand Forecasting using Autoregressive Integrated and GradientBoosting Method	Ms.K.Gomathi,Ms.Srinithi,Sujitha	CSE	International Journal of Innovative Research in Computer and Communication Engineering	2022	2320-9801	http://ijircce.com/admin/main/storage/app/pdf/GRbS0GDtfzZdjfE8J7YcCIHgD3l5g1Wa178HMxfv.pdf
Design and analysis of 4-bit 1.2GS/S low power CMOS clocked flash ADC	G. PRATHIBA AND M SANTHI	ECE	Intelligent Automation And Soft Computing	2021	1079-8587	https://www.scopus.com/sourceid/25476
Detailed Morphology Reversible Of Logic Gates – A Survey	M. KIRANKUMAR and Dr.M.Santhi	ECE	Materials Today: Proceeding	2021	2214-7853	https://www.journals.elsevier.com/materials-today-proceedings
A New Structure Of 8-Bit 60ms/s SAR-ADC Using A Reduced Switching Capacitor-DAC Array	G.PRATHIBA AND DR.M.SANTHI	ECE	Journal Of Circuits, Systems, And Computers	2022	17936454	https://www.scopus.com/sourceid/26046
Design And Development Of Dipole Array Antenna For Wi-Fi Applications	MALAISAMY K AND M SANTHI	ECE	Wireless Personal Communication	2021	9296212	https://www.scopus.com/sourceid/20725
EFFICIENT MULTIPATH ZONE-BASED ROUTING IN MANET USING (TID-ZMGR) TICKED-ID BASED ZONE MANAGER	S.VENKATASBRAMANIAN,A.SUBHASHINI,C.VENNILA	ECE	INTERNATIONAL JOURNAL OF COMPUTER SCIENCE AND NETWORK SECURITY(IJCSNS),SCOPUS	Aug-21	1738-7906	http://10.22247/ijcna/2021/209709
AN ENERGY EFFICIENT CLUSTERING ALGORITHM IN MOBILE ADHOC NETWORK USING TICKET ID BASED CLUSTERING MANAGER	S.VENKATASBRAMANIAN,A.SUBHASHINI,C.VENNILA	ECE	INTERNATIONAL JOURNAL OF COMPUTER SCIENCE AND NETWORK SECURITY(IJCSNS),WEB OF SCIENCE	Jul-21	1738-7906	https://doi.org/10.22937/IJCSNS.2021.21.7.39
AN EFFICIENT ROUTE OPTIMIZATION USING TICKET-ID BASED ROUTING MANAGEMENT SYSTEM (T-ID BRM)	S.VENKATASBRAMANIAN,A.SUBHASHINI,C.VENNILA	ECE	SPRINGER -WIRELESS PERSONAL COMMUNICATION,SCI& SCOPUS	Aug-21	9296212	https://www.scopus.com/sourceid/20725
ENERGY CONSUMPTION IN CLUSTER COMMUNICATION USING MCSBCH APPROACH IN WSN	VIJAY.R,VENNILA.C	ECE	JOURNAL OF INTELLIGENT & FUZZY SYSTEMS	Apr-21	1064-1246	https://www.scopus.com/sourceid/23917

Title	Authors	Dept	Journal	Date	ISSN	Link
NOVEL ROUTING STRUCTURE WITH NEW LOCAL MONITORING ,ROUTE SCHEDULING AND PLANNING MANAGER IN ECOLOGICAL WIRELESS SENSOR NETWORK	K.SWAMINATHAN,C.VENNILA,T.N.PRABHAKAR	ECE	JOURNAL OF ENVIRONMENTAL PROTECTION AND ECOLOGY	Jan-22	1311-5065	https://www.scopus.com/sourceid/12400154728
PERFORMANCE IMPROVEMENT OF SIMD PROCESSOR FOR HIGH-SPEED END DEVICES IN IOT OPERATION BASED ON REVERSIBLE LOGIC WITH HYBRID ADDER CONFIGURATION	VINOTH KUMAR KALIMUTHU*, KARTHIKEYAN SOMASUNDARAM, BHAVANI SRIDHARAN, VENNILA CHOCKALINGAM	ECE	TECHNICAL GAZETTE	2022	1330-3651	http://www.tehnicki-vjesnik.com/web/public/page
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OPPOSITIONAL CHAOS GAME OPTIMIZATION BASED CLUSTERING WITH TRUST	M.PADMAA,T.JAYASHANKAR, S.VENKATARAMAN	ECE	JOURNAL OF PARALLEL AND DISTRIBUTED COMPUTING	22-Mar	0743-7315	https://www.scopus.com/sourceid/25621
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EXTRACTION OF CLEAN SPEECH ALONG WITH EMPHASIS ON ESSENTIAL NOISE	V.MOHAN, P.SHANMUGAPRIYA, A.SHARAN JASMINE	ECE	LECTURE NOTES IN NETWORKS AND SYSTEMS	Jul-21	23673370	https://www.springer.com/series/15179
ROBUST NOISE CLASSIFICATION USING NEW NOISE EXTRACTION APPROACH	A. REVATHI1 , C. JEYALAKSHMI2 , C. MALARVIZHI3 , P. SHANMUGAPRIYA4 ,V. MOHAN5	ECE	TURKISH JOURNAL OF PHYSIOTHERAPY AND REHABILITATION	Jul-21	26514451	https://www.scopus.com/sourceid/21100893337
EXTRACTION OF CLEAN SPEECH ALONG WITH EMPHASIS ON ESSENTIAL NOISE	V.MOHAN, P.SHANMUGAPRIYA, A.SHARAN JASMINE	ECE	LECTURE NOTES IN NETWORKS AND SYSTEMS	Jul-21	23673370	https://www.springer.com/series/15179
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Optimized Reinforcement Learning Based Multipath Transfer Protocol in Wireless Mesh Network,	S. Rajeswari, S. A. Arunmozhi and Y. Venkataramani,	ECE	Net Intelligent Automation & Soft Computing,	Feb-22	2326-005X online	https://www.techscience.com/journal/iasc
"Swarm intelligence based routing with black hole attack detection in manet	S. A. Arunmozhi, S. Rajeswari and Y. Venkataramani,	ECE	Computer Systems Science and Engineering,	Jan-22	0267-6192	https://www.techscience.com/journal/csse
Optimized reinforcement learning based multipath transfer protocol in wireless mesh network	S. Rajeswari, S. A. Arunmozhi and Y. Venkataramani	ECE	Intelligent Automation & Soft Computing	Feb-22	1079-8587	https://file.techscience.com/ueditor/files/iasc/TSP_IASC_34-3/TSP_IASC_25957/TSP_IASC_25957.pdf
IoT-Cloud Empowered Aerial Scene Classification for Unmanned Aerial Vehicles	K. R. Uthayan1,*, G. Lakshmi Vara Prasad2, V. Mohan3, C. Bharatiraja4, Irina V. Pustokhina5, Denis A. Pustokhin6, Vicente García Díaz	ECE	Computers, Materials & Continua	Oct-21	5161-5177	https://www.techscience.com/cmc/v70n3/45016
Energy Consumption in cluster communication using mcsbch approach in WSN	VIJAY.R,VENNILA.C	ECE	Journal of Intelligent & Fuzzy Systems	Feb-22	1064-1246	10.3233/JIFS-212632

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Numerical Characterization of DNA Sequences for Alignment-free Sequence Comparison – A Review	Dr. R. Natarajan	Chemistry	Combinatorial Chemistry & High Throughput Screening		1386-2073	https://www.scopus.com/sourceid/23453
Understanding the molecular interaction and relaxation findings in amphiphilics on solution state using TDR	Dr. P. Senthilkumar	Physics	Current Applied Physics	2022	1567-1739	https://www.scopus.com/sourceid/27477
Optimum Job Allocation for Design fof machine using Row minimum allcation Method of assignment problems under crisp and Triangular Fuzzy Numbers	Dr. R. Neelambari Dr. S. Revathi	Maths	Design Engineering	2022	0011-9342	https://ugccare.unipune.ac.in/Apps1/User/Web/CloneJournalsGroupIINew

Title	Author	Department	Journal	Year	ISSN	Link
An optimal solution for Balanced and unbalanced Assignment problems under crisp and Trapezoidal Fuzzy numbers using Row Minumum Allocation Method	Dr. R. Neelambari, Dr. S. Revathi Dr. S. Anupriya	Maths	Multicultural Education	2022	10683844	https://www.scopus.com/sourceid/145057
A stochastic Model on time to Recruitment in a single grade man power system with cluster of exits	Dr.G.Ravichandran	Maths	Internation al Journal of Aquatic Science	2021	2008-8019	http://www.journal-aquaticscience.com/article_134264.html
Variance of time to Recruitment in a single grade marketing organization with Non-instantaneous exists and dependent wastage having two thresholds		Maths	International Journal of Aquatic Science	2021	2008-8019	http://www.journal-aquaticscience.com/article_131828.html
Mean Square deviation of the time to hiring in a single grade work force structure with clump of egresses and a random thresold		Maths	Advance and applications in Mathematics Scienes	2022	0974-6803	https://www.mililink.com/upload/article/1104987849aams_vol_218_june_2022_a35_p4615-4623_g._ravichandran_and_k._srividhya.pdf
Special Pythagorean Traiangle in realtion with Star Numbers	Dr. D.Geetha	Maths	Zeichen Journal	2022	0932-4747	https://www.scopus.com/sourceid/21100856788
Generalized Products of directable Fuzzy automata	Dr.S.Sivamani	Maths	Materials Today:Proceedings	2021	2214-7853	https://www.scopus.com/sourceid/21100370037
A Fuzzy inventory Model with discount for imperfect items and Fuzzy purchasing prices dependent Demand	Dr.P.K.Lakshmidevi	Maths	Zeichen Journal	2022	0932-4747	https://www.scopus.com/sourceid/21100856788
" Online Teaching and its effect on Students Progress- Post- covid Learning Strategies for Higher Education Sector"	Dr V.Mahalakshmi	M.B.A	Journal of Management and Entrepreneurship- –XIME	Jan-March,2022	ISSN 2229-5348 Volume 16, Issue 1. ISSN 2229-5348 UGC Care List-I.	https://xime.org/jme/php/journaldload.php?id=27&bkid=19
Environmental Sustainability and Financial Distress: A case study from Thiruvarur District, Tamil Nadu, India.	Dr V.Mahalakshmi	M.B.A	GIS Science Journal	June 2021.	Volume 8, Issue6, ISSN no: 1869-9391	http://www.gisscience.net/VOLUME-8-ISSUE-6-2021/
ImPact of viaual Merchandising on impulse buying and customer patronage intention with special reference to Reliance Mart - Ariyamangalam Tiruchirpplli	Mr. S. SYED MUTHALIFF	M.B.A	Journal of the Asiatic Society of Mumbai	June 2022.	Volume 95 :2022 ISSN:0972-0766	PRINT JOURNAL

Total No. of Journals = 161

Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during year 2021-2022

<table>
<tr><td colspan="11" style="background:red">2021 - 2022</td></tr>
<tr><td colspan="11">Department of Computer Science and Engineering</td></tr>
<tr>
<th>Sl.No.</th>
<th>Name of the teacher</th>
<th>Title of the book/chapters published</th>
<th>Title of the paper</th>
<th>Title of the proceedings of the conference</th>
<th>Name of the conference</th>
<th>National / International</th>
<th>Year of publication</th>
<th>ISBN/ISSN number of the proceeding</th>
<th>Affiliating Institute at the time of publication</th>
<th>Name of the publisher</th>
</tr>
<tr><td>1</td><td>Dr.S.A.Sahaaya Arul Mary</td><td>NIL</td><td>Geographical Information System -Aided Landmark Recognition System using Machine Learning</td><td>5th International Conference on Computer Network and Inventive Communication Technologies</td><td>5th International Conference on Computer Network and Inventive Communication Technologies</td><td>International</td><td>Apr-1-2022</td><td>yet to allocate</td><td>Saranathan College of Engineering</td><td>Springer</td></tr>
<tr><td>2</td><td>Dr.S.A.Sahaaya Arul Mary</td><td>NIL</td><td>Secure Instant Messaging Service Based on Authentication using data Encyption Algoithm</td><td>International virtual Conference on Computational Engineering</td><td>International virtual Conference on Computational Engineering</td><td>International</td><td>Apr-18-2022</td><td>yet to allocate</td><td>Saranathan College of Engineering</td><td>Springer</td></tr>
<tr><td>3</td><td>Dr.S.A.Sahaaya Arul Mary</td><td>NIL</td><td>Anti Theft Detection and Antilocking System in Vehicles Using IOT.</td><td>International virtual Conference on Computational Engineering</td><td>International virtual Conference on Computational Engineering</td><td>International</td><td>Apr-18-2022</td><td>yet to allocate</td><td>Saranathan College of Engineering</td><td>Springer</td></tr>
<tr><td>4</td><td>Dr.S.Mohana</td><td>NIL</td><td>Secure Instant Messaging Service Based on Authentication using data Encyption Algoithm</td><td>International virtual Conference on Computational Engineering</td><td>International virtual Conference on Computational Engineering</td><td>International</td><td>Apr-18-2022</td><td>yet to allocate</td><td>Saranathan College of Engineering</td><td>Springer</td></tr>
<tr><td>5</td><td>Dr.S.Mohana</td><td>NIL</td><td>Anti Theft Detection and Antilocking System in Vehicles Using IOT.</td><td>International virtual Conference on Computational Engineering</td><td>International virtual Conference on Computational Engineering</td><td>International</td><td>Apr-18-2022</td><td>yet to allocate</td><td>Saranathan College of Engineering</td><td>Springer</td></tr>
<tr><td>6</td><td>Dr.S.Mohana</td><td>NIL</td><td>Geographical Information System -Aided Landmark Recognition System using Machine Learning</td><td>5th International Conference on Computer Network and Inventive Communication Technologies</td><td>5th International Conference on Computer Network and Inventive Communication Technologies</td><td>International</td><td>Apr-1-2022</td><td>yet to allocate</td><td>Saranathan College of Engineering</td><td>Springer</td></tr>
<tr><td>7</td><td>Dr.PL.Rajarajeswari</td><td>NIL</td><td>A Ring Toss Game-Based Optimization based Routing protocol fo Optimal path Selection in MANET</td><td>Second International Conference on Artificial Intelligence and smart Computing</td><td>Second International Conference on Artificial Intelligence and smart Computing</td><td>International</td><td>12th Mach,2022</td><td>yet to allocate</td><td>Saranathan College of Engineering</td><td>_</td></tr>
<tr><td>8</td><td>Dr.R.Senthamil Selvi</td><td>NIL</td><td>Secure Instant Messaging Service Based on Authentication using data Encryption Algoithm</td><td>International virtual Conference on Computational Engineering</td><td>International virtual Conference on Computational Engineering</td><td>International</td><td>Apr-18-2022</td><td>yet to allocate</td><td>Saranathan College of Engineering</td><td>_</td></tr>
<tr><td>9</td><td>Dr.R.Senthamil Selvi</td><td>NIL</td><td>Anti Theft Detection and Antilocking System in Vehicles Using IOT.</td><td>International virtual Conference on Computational Engineering</td><td>International virtual Conference on Computational Engineering</td><td>International</td><td>Apr-18-2022</td><td>yet to allocate</td><td>Saranathan College of Engineering</td><td>_</td></tr>
<tr><td>10</td><td>Dr.R.Senthamil Selvi</td><td>NIL</td><td>Application of Machine Learning in Healthcare: An Analysis</td><td>2022 3rd International Conference on Electronics and Sustainable Communication Systems (ICESC)</td><td>International Conference on Artificial Intelligence and Machine Learning (IAIM-2022</td><td>Intenational</td><td>2022</td><td>978-1-6654-7971-4</td><td>Saranathan College of Engineering</td><td>IEEE explore</td></tr>
<tr><td>11</td><td>Dr.R.Senthamil Selvi</td><td>NIL</td><td>Virtual Learning</td><td>International Conference on Computer Science, Engineering and Applications (ICCSEA 2020)</td><td>International Conference on Computer Science, Engineering and Applications (ICCSEA 2020)</td><td>International</td><td>2021</td><td>978-93-91535-01-8</td><td>Saranathan College of Engineering</td><td>_</td></tr>
<tr><td>12</td><td>Dr.R.Senthamil Selvi</td><td>NIL</td><td>Geographical Information System -Aided Landmark Recognition System using Machine Learning</td><td>5th International Conference on Computer Network and Inventive Communication Technologies</td><td>5th International Conference on Computer Network and Inventive Communication Technologies</td><td>International</td><td>Apr-1-2022</td><td>yet to allocate</td><td>Saranathan College of Engineering</td><td>Springer</td></tr>
<tr><td>13</td><td>S.Venkatasubramanian</td><td>NIL</td><td>QoS Provisioning in a Heterogeneous Manet using Multipath Energy Efficient Routing Metric</td><td>International Virtual Conference on Innovations and Research in Marine Electrical and Electronics Engineering (ICIRMEEE)</td><td>International Virtual Conference on Innovations and Research in Marine Electrical and Electronics Engineering (ICIRMEEE)</td><td>Intenational</td><td>2021</td><td>yet to allocate</td><td>Saranathan College of Engineering</td><td>yet to allocate</td></tr>
<tr><td>14</td><td>S.Venkatasubramanian</td><td>NIL</td><td>A Sparrow Search Algorithm for Detecting the Attack in Mobile Ad hoc Network (MANET) Environment</td><td>4th International Conference on Computer Networks, Big Data and IoT-ICCBI-2021</td><td>4th International Conference on Computer Networks, Big Data and IoT- ICCBI-2021</td><td>Intenational</td><td>2021</td><td>2367-4512</td><td>Saranathan College of Engineering</td><td>Springer</td></tr>
<tr><td>15</td><td>S.Venkatasubramanian</td><td>NIL</td><td>Fruit-Fly Algorithm based Dynamic Source Routing Algorithm for energy efficient multipath routing in MANET</td><td>2022 International Conference on Computer Communication and Informatics (ICCCI), Coimbatore, INDIA</td><td>2022 International Conference on Computer Communication and Informatics (ICCCI), Coimbatore, INDIA</td><td>International</td><td>Jan. 25 – 27, 2022,</td><td>yet to allocate</td><td>Saranathan College of Engineering</td><td>IEEE explore</td></tr>
<tr><td>16</td><td>S.Venkatasubramanian</td><td>NIL</td><td>A Ring Toss Game-Based Optimization based Routing protocol fo Optimal path Selection in MANET</td><td>Second International Conference on Artificial Intelligence and smart Computing</td><td>Second International Conference on Artificial Intelligence and smart Computing</td><td>International</td><td>12th Mach,2022</td><td>yet to allocate</td><td>Saranathan College of Engineering</td><td>yet to allocate</td></tr>
<tr><td>17</td><td>S.Venkatasubramanian</td><td>NIL</td><td>Cluster Head Selection Based On Mappingbased Cuttlefish Optimization Algorithm For Multipath Routing In Manet</td><td>5th International Conference on Computer Networks and Inventive Communication Technologies ICCNCT 2022 ,1-2, April 2022</td><td>5th International Conference on Computer Networks and Inventive Communication Technologies ICCNCT 2022 ,1-2, April 2022</td><td>International</td><td>1-2 April 2022</td><td>Yet to allocate</td><td>Saranathan College of Engineering</td><td>Springer</td></tr>
<tr><td>18</td><td>Dr. Lakshmi Kanthan N</td><td>NIL</td><td>Fake News Detection in Social Media using Deep Learning</td><td>International Conference on Advanced Computer Science and Technologies</td><td>International Conference on Advanced Computer Science and Technologies</td><td>International</td><td>Oct-2021</td><td>978-93-5578-005-8</td><td>Saranathan College of Engineering</td><td>Springer</td></tr>
<tr><td>19</td><td>Dr. Lakshmi Kanthan N</td><td>NIL</td><td>IoT-Fog Assisted Smart Irrigation and Power Management System in Agriculture</td><td>International Conference on Advanced Computer Science and Technologies</td><td>International Conference on Advanced Computer Science and Technologies</td><td>International</td><td>Oct-2021</td><td>978-93-5578-005-8</td><td>Saranathan College of Engineering</td><td>Springer</td></tr>
<tr><td>20</td><td>Dr. Lakshmi Kanthan N</td><td>NIL</td><td>Blockchain-based Ficitious Detection in Social Media</td><td>13th Soft Computing and Pattern Recognition</td><td>13th Soft Computing and Pattern Recognition</td><td>International</td><td>Dec-2021</td><td>978-93-5578-005-8</td><td>Saranathan College of Engineering</td><td>Springer</td></tr>
</table>

21	Dr. Lakshmi Kanthan N	NIL	IoT-Gis Integrated Smart System toward baby monitoring	International conference on Computing and Intelligent System	International conference on Computing and Intelligent System	International	.,2021	yet to allocate	Saranathan College of Engineering	Springer
22	R.Karthik	NIL	Comparative Study on Ontology Matching Tools and Methods	Machine Learning Applications in Applied Sciences and Mathematics - IVCMASM 2022	Machine Learning Applications in Applied Sciences and Mathematics - IVCMASM 2022	International	Mar 31 2022	yet to allocate	Saranathan College of Engineering	yet to allocate
23	R.Karthik	NIL	Geographical Information System -Aided Landmark Recognition System using Machine Learning	5th International Conference on Computer Network and Inventive Communication Technologies	5th International Conference on Computer Network and Inventive Communication Technologies	International	Apr-1-2022	yet to allocate	Saranathan College of Engineering	Springer
24	P.B.Aun Prasad	NIL	Performance Evaluation In Internet Of Things Dataset Using Machine Learning Based Intrusion Detection System Networks	Documenting Innovation and Creativity in Engineering (DCE-2021)	Documenting Innovation and Creativity in Engineering (DCE-2021)	National	Sept. 25 and 26, 2021	978-81-954982-1-5	Saranathan College of Engineering	_
25	R.MohanKumar	NIL	Comparative Study on Ontology Matching Tools and Methods	Machine Learning Applications in Applied Sciences and Mathematics - IVCMASM 2022	Machine Learning Applications in Applied Sciences and Mathematics - IVCMASM 2022	International	Mar-31-2022	yet to allocate	Saranathan College of Engineering	Elsevier
26	P.Dinesh Kumar	NIL	Comparative Study on Ontology Matching Tools and Methods	Machine Learning Applications in Applied Sciences and Mathematics - IVCMASM 2022	Machine Learning Applications in Applied Sciences and Mathematics - IVCMASM 2022	International	Mar-31-2022	yet to allocate	Saranathan College of Engineering	Elsevier
27	S.Priyanga	NIL	IoT-Fog Assisted Smart Irrigation and Power Management System in Agriculture	International Conference on Advanced Computer Science and Technologies	International Conference on Advanced Computer Science and Technologies	International	Oct-8-2021	978-93-5578-005-8	Saranathan College of Engineering	Springer
28	S.Priyanga	NIL	Fake News Detection in Social Media using Deep Learning	International Conference on Advanced Computer Science and Technologies	International Conference on Advanced Computer Science and Technologies	International	Oct 08 2021	978-93-5578-005-8	Saranathan College of Engineering	Springer
29	Iswarya G	NIL	Fake News Detection in Social Media using Deep Learning	International Conference on Advanced Computer Science and Technologies	International Conference on Advanced Computer Science and Technologies	International	Oct-8-2021	978-93-5578-005-8	Saranathan College of Engineering	Springer
30	Iswarya G	NIL	IoT-Fog Assisted Smart Irrigation and Power Management System in Agriculture	International Conference on Advanced Computer Science and Technologies	International Conference on Advanced Computer Science and Technologies	International	Oct-8-2021	978-93-5578-005-8	Saranathan College of Engineering	Springer
31	Iswarya G	NIL	Blockchain-based Ficitious Detection in Social Media	13th Soft Computing and Pattern Recognition	13th Soft Computing and Pattern Recognition	International	Dec 15 2021	978-93-5578-005-8	Saranathan College of Engineering	Springer
32	Ranjani S	NIL	Fake News Detection in Social Media using Deep Learning	International Conference on Advanced Computer Science and Technologies	International Conference on Advanced Computer Science and Technologies	International	Oct 08 2021	978-93-5578-005-8	Saranathan College of Engineering	Springer
33	Ranjani S	NIL	IoT-Fog Assisted Smart Irrigation and Power Management System in Agriculture	International Conference on Advanced Computer Science and Technologies	International Conference on Advanced Computer Science and Technologies	International	Oct 8 2021	978-93-5578-005-8	Saranathan College of Engineering	Springer
34	Ranjani S	NIL	Blockchain-based Ficitious Detection in Social Media	13th Soft Computing and Pattern Recognition	13th Soft Computing and Pattern Recognition	International	Dec 15 2021	978-93-5578-005-8	Saranathan College of Engineering	Springer
35	N.Ramya	NIL	Geographical Information System -Aided Landmark Recognition System using Machine Learning	5th International Conference on Computer Network and Inventive Communication Technologies	5th International Conference on Computer Network and Inventive Communication Technologies	International	Apr 01 2022	yet to allocate	Saranathan College of Engineering	Springer
36	Dr.S.Mohana	Mobile Computing –A Tech Safari	NIL	NIL	NIL	NIL	2021	978-1-956102-73-4	Saranathan College of Engineering	IIP
37	Dr.PL.Rajarajeswari	Fundamentals of mobile and pervasive computing	NIL	NIL	NIL	NIL	2022	978-93-92992-17-9.	Saranathan College of Engineering	SIPH
38	S.Venkatasubramanian	Fundamentals of mobile and pervasive computing	NIL	NIL	NIL	NIL	2022	978-93-92992-17-9.	Saranathan College of Engineering	SIPH
39	S.Venkatasubramanian	Software Engineering	NIL	NIL	NIL	NIL	2022	978-93-92992-18-6	Saranathan College of Engineering	SIPH
40	S.Venkatasubramanian	Fundamentals of Python Programming	NIL	NIL	NIL	NIL	2022	978-93-92992-88-9	Saranathan College of Engineering	SIPH
41	S.Venkatasubramanian	Ad Hoc and Wireless Sensor Networks	NIL	NIL	NIL	NIL	2022	978-93-94002-19-7	Saranathan College of Engineering	SIPH
42	S.Venkatasubramanian	Basic Electrical, Electronics and Instrumentation Engineering	NIL	NIL	NIL	NIL	2022	978-93-94002-37-1	Saranathan College of Engineering	SIPH

43	S.Venkatasubramanian	Sustainable Communication Networks and Application Proceedings of ICSCN	QoS Provisioning in MANET Using Fuzzy-Based Multifactor Multipath Routing Metric	**NIL**	**NIL**	**NIL**	2021	dx.doi.org/10.1007/978-981-16-6605	Saranathan College of Engineering	Springer
44	S.Venkatasubramanian	A Deep Convolutional Neural Network-Based Speech-to-Text Conversion for Multilingual Languages	**NIL**	**NIL**	**NIL**	**NIL**	2022	978-981-16-9573-5	Saranathan College of Engineering	Springer
45	Dr.T.Sathis Kumar	Software Engineering	**NIL**	**NIL**	**NIL**	**NIL**	2022	978-93-92992-18-6	Saranathan College of Engineering	SIPH
46	Dr.T.Sathis Kumar	Future Trends in 5G and 6G(Book Chapter)	**NIL**	**NIL**	**NIL**	**NIL**	2022	978-1-003-17515-5	Saranathan College of Engineering	Taylor & Francis(CRC Press)

2021 - 2022

Department of Electronics and Communication Engineering

Sl.No.	Name of the teacher	Title of the book/chapters published	Title of the paper	Title of the proceedings of the conference	Name of the conference	National / International	Year of publication	ISBN/ISSN number of the proceeding	Affiliating Institute at the time of publication	Name of the publisher
1	VIJAY.R,C. VENNILA,	-	DESIGN AND SIMULATION OF UWB ANTENNA WITH MULTIPLE NOTCHED BANDS ON THE FEED LINE	INTERNATIONAL CONFERENCE ON COMPUTING IN ENGINEERING AND TECHNOLOGY	INTERNATIONAL CONFERENCE ON COMPUTING IN ENGINEERING AND TECHNOLOGY ICCET 2022	International	Feb-22	-	Saranathan College of Engineering	-
2	S.VENKATASBRAMANIAN,A.SUBHASHINI,C.VENNILA	-	QOS PROVISIONING IN MANET USING FUZZY BASED MULTIFACTOR MULTIPATH ROUTING METRIC	INTERNATIONAL VIRTUAL CONFERENCE ON INNOVATIONS AND RESEARCH IN MARINE ELECTRICAL AND ELECTRONICS ENGINEERING (ICIRMEEE)	INTERNATIONAL VIRTUAL CONFERENCE ON INNOVATIONS AND RESEARCH IN MARINE ELECTRICAL AND ELECTRONICS ENGINEERING (ICIRMEEE)	International	17-18 JUNE 2021	-	Saranathan College of Engineering	-
3	VINOTH, M.,VALLIKANNU, R, KOUSHICK, V., MOHAMED ALI, E. A	-	A MINIATURIZED DEFECTED GROUND PATCH ANTENNA FOR ITS 5G-V2X-C APPLICATIONS	2022 INTERNATIONAL CONFERENCE ON COMPUTER COMMUNICATION AND INFORMATICS (ICCCI -2022)	2022 INTERNATIONAL CONFERENCE ON COMPUTER COMMUNICATION AND INFORMATICS (ICCCI -2022)	International	25-27,JAN,2022	-	Saranathan College of Engineering	-
4	P B ARUNPRASAD, V MOHAN	-	CYBER ATTACKS PREVENTION BASED ON MODIFIED LVQ IN SDN NETWORKS USING NEURAL NETWORKS	INTERNATIONAL CONFERENCE ON COMPUTING IN ENGINEERING AND TECHNOLOGY	INTERNATIONAL CONFERENCE ON COMPUTING IN ENGINEERING AND TECHNOLOGY	International	12-13 FEB 2022	-	Saranathan College of Engineering	-
5	P B ARUNPRASAD, V MOHAN & P. SHANMUGAPRIYA	-	PERFORMANCE EVALUATION IN INTERNET OF THINGS DATASET USING MACHINE LEARNING BASED INTRUSION DETECTION SYSTEM	CONFERENCE ABSTRACT PROCEEDINGS	NATIONAL ONLINE CONFERENCE ON DOCUMENTING INNOVATION AND CREATIVITY IN ENGINEERING	International	25-26 SEP 2021	-	Saranathan College of Engineering	-
6	P B ARUNPRASAD, V MOHAN & P. SHANMUGAPRIYA	-	PERFORMANCE EVALUATION IN INTERNET OF THINGS DATASET USING MACHINE LEARNING BASED INTRUSION DETECTION SYSTEM	CONFERENCE ABSTRACT PROCEEDINGS	NATIONAL ONLINE CONFERENCE ON DOCUMENTING INNOVATION AND CREATIVITY IN ENGINEERING	International	25-26 SEP 2021	-	Saranathan College of Engineering	-
7	K. MALAISAMY, M. SANTHI, G.SIVAKUMAR	-	DESIGN OF A COMPACT MONOPOLE ANTENNA FOR UWB APPLICATIONS	SPRINGER PROCEEDINGS OF INTERNATIONAL CONFERENCE ON COMMUNICATION AND COMPUTING TECHNOLOGIES FOR SUSTAINABLE DEVELOPMENT (ICCCTSD)-2022	SPRINGER PROCEEDINGS OF INTERNATIONAL CONFERENCE ON COMMUNICATION AND COMPUTING TECHNOLOGIES FOR SUSTAINABLE DEVELOPMENT (ICCCTSD)-2022	International	25,FEB,2022	-	Saranathan College of Engineering	Sri Krishna College of Technology, Coimbatore
8	K. MALAISAMY, M. SANTHI, M.MAHENDRAN	-	DESIGN AND DEVELOPMENT OF MICROSTRIP ARRAY ANTENNA FOR SATELLITE APPLICATIONS	SPRINGER PROCEEDINGS OF INTERNATIONAL CONFERENCE ON COMMUNICATION AND COMPUTING TECHNOLOGIES FOR SUSTAINABLE DEVELOPMENT (ICCCTSD)-2022	SPRINGER PROCEEDINGS OF INTERNATIONAL CONFERENCE ON COMMUNICATION AND COMPUTING TECHNOLOGIES FOR SUSTAINABLE DEVELOPMENT (ICCCTSD)-2022	International	25,FEB,2022	-	Saranathan College of Engineering	Sri Krishna College of Technology, Coimbatore
9	S.A.ARUNMOZHI	-	RF FILTER DESIGN FOR MOBILE APPLICATIONS	INTERNATIONAL VIRTUAL CONFERENCE ON ARTIFICIAL INTELLIGENCE, 5G COMMUNICATIONS AND NETWORK TECHNOLOGIES (ICA5NT 2022)	INTERNATIONAL VIRTUAL CONFERENCE ON ARTIFICIAL INTELLIGENCE, 5G COMMUNICATIONS AND NETWORK TECHNOLOGIES (ICA5NT 2022)	International	Apr-22	-	Saranathan College of Engineering	VELAMMAL INSTITUTE OF TECHNOLOGY CHENNAI
10	J. EINDHUMATHY	-	RAINY SEASON PLANT PROTECTING SYSTEM	FIRST INTERNATIONAL CONFERENCE ON ADVANCEMENTS ON MANAGEMENT, ENTERPRENEURSHIP, SCIENCES & ENGINEERING ICAMESE2022	FIRST INTERNATIONAL CONFERENCE ON ADVANCEMENTS ON MANAGEMENT, ENTERPRENEURSHIP, SCIENCES & ENGINEERING ICAMESE2022	International	May-22	-	Saranathan College of Engineering	BUSINESS INSTITUTE, GREATER NOIDA, UP & GLOBAL CONFERENCE HUB, COIMBATORE

#	Author(s)		Title			Level	Date		Institution	Publisher
11	K.MALAISAMY,	-	DESIGN AND DEVELOPMENT OF DIPOLE ARRAY ANTENNA FOR APPLICATIONS	INTERNATIONAL CONFERENCE ON SMALL SATELLITES (ICSS-2022)	INTERNATIONAL CONFERENCE ON SMALL SATELLITES (ICSS-2022)	International	Apr-22	-	Saranathan College of Engineering	CENTRE FOR SPACE RESEARCH, DIVISION OF RESEARCH AND DEVELOPMENT, LOVELY PROFESSIONAL UNIVERSITY, PUNJAB
12	K.MALAISAMY, P.SIVAGAMASUNDHARI	-	ARRAY ANTENNA DESIGN AND DEVELOPMENT FOR X-BAND APPLICATIONS	INTERNATIONAL CONFERENCE ON SMALL SATELLITES (ICSS-2022)	INTERNATIONAL CONFERENCE ON SMALL SATELLITES (ICSS-2022)	International	Apr-22	-	Saranathan College of Engineering	CENTRE FOR SPACE RESEARCH, DIVISION OF RESEARCH AND DEVELOPMENT, LOVELY PROFESSIONAL UNIVERSITY, PUNJAB
13	S.A.ARUNMOZHI	-	DESIGN OF MULTIBAND MICROSTRIP TEXTILE ANTENNA FOR WIRELESS BODY SENSOR NETWORKS	INTERNATIONAL SCIENTIFIC RESEARCH CONGRESS DEDICATED TO THE 30TH ANNIVERSARY OF BAKU EURASIA UNIVERSITY	INTERNATIONAL SCIENTIFIC RESEARCH CONGRESS DEDICATED TO THE 30TH ANNIVERSARY OF BAKU EURASIA UNIVERSITY	International	Apr-22	-	Saranathan College of Engineering	SCIENCE AZERBAIJAN
14	S.VENKATASUBRAMANIAN, A. SUHASINI, AND C. VENNILA	SUSTAINABLE COMMUNICATION NETWORKS AND APPLICATION PROCEEDINGS OF ICSCN 2021	-	QOS PROVISIONING IN MANET USING FUZZY-BASED MULTIFACTOR MULTIPATH ROUTING METRIC	-		Apr-22	-	Saranathan College of Engineering	LECTURE NOTES ON DATA ENGINEERING AND COMMUNICATIONS TECHNOLOGIES -ICSCN
15	C.VENNILA, V.RAMKUMAR, R.BHAVANI	ADVANCES IN SCIENCE, TECHNOLOGY AND INNOVATIONS	-	AN EFFICIENT SAR IMAGE DETECTION BASED ON DEEP LEARNING MODEL – MOBILE NET	-	-		Jan-22	-	Saranathan College of Engineering	ADVANCES IN SCIENCE, TECHNOLOGY AND INNOVATIONS
16	PRAKADEESH, VENNILA.C,VIJAY.R	CONTEMPORARY RESEARCH AND CUTTING EDGE TECHNOLOGY IN ELECTRICAL ENGINEERING".	-	TRANSFORMER MONITORING SYSTEM WITH AN ALTERNATE POWER SOURCE USING IOT	-	-		Jan-22	-	Saranathan College of Engineering	CWP,AUSTRALIA
17	V. KOUSHICK	DIGIGOGY DESIGNING A REVOLUTION IN EDUCATION	-	QUALITY OF TECHNICAL EDUCATION TOWARDS EMPLOYMENT	-	-		Jan-22	-	Saranathan College of Engineering	DIGIGOGY DESIGNING A REVOLUTION IN EDUCATION
18	V. KOUSHICK, C. DIVYA	EDITED BOOK ON NOVEL MATERIALS FOR EMERGING APPLICATIONS	-	METAMATERIAL DESIGN APPROACH - A RESERACH PERSPECTIVE	-	-		Oct-21	-	Saranathan College of Engineering	SHANLAX PUBLICATIONS, MADURAI
19	SELVAM, R.P., OLIVER, A.S., MOHAN, V., PRAKASH, N.B., JAYASANKAR, T.	KHAMPARIA, A., GUPTA, D., KHANNA, A., BALAS, V.E. (EDS) BIOMEDICAL DATA ANALYSIS AND PROCESSING USING EXPLAINABLE (XAI) AND RESPONSIVE ARTIFICIAL INTELLIGENCE (RAI).	-	EXPLAINABLE ARTIFICIAL INTELLIGENCE WITH METAHEURISTIC FEATURE SELECTION TECHNIQUE FOR BIOMEDICAL DATA CLASSIFICATION.	-	-		Feb-22	-	Saranathan College of Engineering	INTELLIGENT SYSTEMS REFERENCE LIBRARY, VOL 222. SPRINGER, SINGAPORE
20	V.MOHAN &P.SHANMUGAPRIYA	ADVANCES IN SCIENCE, TECHNOLOGY AND INNOVATIONS	-	DESIGN OF LNA FOR MULTI-BAND RECEIVER	-	-		Jan-22	-	Saranathan College of Engineering	ADVANCES IN SCIENCE, TECHNOLOGY AND INNOVATIONS
21	V.MOHAN &P.SHANMUGAPRIYA	ADVANCES IN SCIENCE, TECHNOLOGY AND INNOVATIONS	-	DESIGN AND SIMULATION OF MULTI-BAND SLOTS LOADED PATCH ANTENNA	-	-		Jan-22	-	Saranathan College of Engineering	ADVANCES IN SCIENCE, TECHNOLOGY AND INNOVATIONS
22	V.MOHAN &P.SHANMUGAPRIYA	ADVANCES IN SCIENCE, TECHNOLOGY AND INNOVATIONS	-	DESIGN OF LNA FOR MULTI-BAND RECEIVER	-	-		Jan-22	-	Saranathan College of Engineering	ADVANCES IN SCIENCE, TECHNOLOGY AND INNOVATIONS
23	V.MOHAN &P.SHANMUGAPRIYA	ADVANCES IN SCIENCE, TECHNOLOGY AND INNOVATIONS	-	DESIGN AND SIMULATION OF MULTI-BAND SLOTS LOADED PATCH ANTENNA	-	-		Jan-22	-	Saranathan College of Engineering	ADVANCES IN SCIENCE, TECHNOLOGY AND INNOVATIONS
24	V. KOUSHICK, C. DIVYA	ADVANCES IN SCIENCE, TECHNOLOGY AND INNOVATIONS	-	SPEECH EMOTION RECOGNITION	-	-		Jan-22	-	Saranathan College of Engineering	ADVANCES IN SCIENCE, TECHNOLOGY AND INNOVATIONS

2021 - 2022

Department of Electrical and Electronics Engineering

Sl.No.	Name of the teacher	Title of the book/chapters published	Title of the paper	Title of the proceedings of the conference	Name of the conference	National / International	Year of publication	ISBN/ISSN number of the proceeding	Affiliating Institute at the time of publication	Name of the publisher
1	Vijay Ravindran,Dr.C.Krishnakumar,Satheesh R	-	IoT-Based Smart Transformer Monitoring System with Raspberry Pi	2021 Innovations in Power and Advanced Computing Technologies (i-PACT)	2021 Innovations in Power and Advanced Computing Technologies (i-PACT)	International	2022	978-1-6654-2692-3	Saranathan College of Engineering	IEEE
2	Paranthagan B; Vijay Ravindran; M. Marimuthu; Satheesh Ragunathan	-	Design and Implementation of PV Powered Air Cooler System Using Thermoelectric Cooler	2021 Innovations in Power and Advanced Computing Technologies (i-PACT)	2021 Innovations in Power and Advanced Computing Technologies (i-PACT)	International	2022	978-1-6654-2692-3	Saranathan College of Engineering	IEEE
3	Vijay Ravindran,C. Vennila	-	Design and simulation of UWB antenna with multiple notched bands on the feed line	ICCET 2022: Applied Computational Technologies	International Conference on Computing in Engineering & Technology	International	2022	978-1-83953-704-2	Saranathan College of Engineering	IET Digital Library
4	Vijay Ravindran,K Swaminathan	-	An efficient SAR image detection based on deep dense-mobile net method	ICCET 2022: Applied Computational Technologies	International Conference on Computing in Engineering & Technology	International	2022	978-1-83953-704-2	Saranathan College of Engineering	IET Digital Library
5	Vijay Ravindran,Ram Prakash Ponraj, Satheesh Ragunathan,	-	Prediction of EV battery SOC using a charging and discharging model	ICCET 2022: Applied Computational Technologies	International Conference on Computing in Engineering & Technology	International	2022	978-1-83953-704-2	Saranathan College of Engineering	IET Digital Library
6	Ram Prakash Ponraj, Krishna Badrinath, Vijay Ravindran, Satheesh Ragunathan	-	An effective method for charging electric vehicles through wireless power transfer system	ICCET 2022: Applied Computational Technologies	International Conference on Computing in Engineering & Technology	International	2022	978-1-83953-704-2	Saranathan College of Engineering	IET Digital Library
7	Vijay Ravindran, P Ram Prakash, R Satheesh	-	A Perceptive Node Transposition and Network Reformation in Wireless Sensor Network	ICCET 2022: Applied Computational Technologies	International Conference on Computing in Engineering & Technology	International	2022	978-981-19-2718-8	Saranathan College of Engineering	Springer, Singapore
8	Vijay Ravindran, Ramprakash Ponraj, R Satheesh	Smart Energy Optimization and Collision Avoidance Routing Strategy for IoT Systems in the WSN Domain	-	ICCET 2022: Applied Computational Technologies	International Conference on Computing in Engineering & Technology	International	2022	978-981-19-2718-8	Saranathan College of Engineering	Springer, Singapore
9	C Pearline Kamalini	-	Voltage Stability Enchancement using Dynamic Voltage restorer	AICTE Sponsored ICEEMR 2022	International Conference on Electrical Engineering & Multidisciplinary Research	International	2022	-	Saranathan College of Engineering	-
10	C Pearline Kamalini	-	Power Quallity Improvement in Microgrid using DSTATCOM	AICTE Sponsored ICEEMR 2022	International Conference on Electrical Engineering & Multidisciplinary Research	International	2022	-	Saranathan College of Engineering	-
11	S. Vijayalakshmi, R. Shenbagalakshmi, M. Marimuthu, R.Venugopal	Contemporary Research and Cutting Edge Technology in Electrical Engineering/Digital Controller for DC-DC Power Converter	-	-	-	International	2022	-	Saranathan College of Engineering	-

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Department of ICE

Sl.No.	Name of the teacher	Title of the book/chapters published	Title of the paper	Title of the proceedings of the conference	Name of the conference	National / International	Year of publication	ISBN/ISSN number of the proceeding	Affiliating Institute at the time of publication	Name of the publisher
1	Dr.P Aravind	Basic Electrical, Electronics and Instrumentation Engineering	-	-	-	-	2021	ISBN- 978-93-94002-37-1	Saranathan College of Engineering	Scientific International Publishing House (2022),
2	Dr.P Aravind	Single Layer-Single-UWB Patch Antenna for HXLPE Based Artificial Hip Diagnosis in Microwave Tomography Spectrum	-	-	-	-	2021	ISBN : 978-981-19-1324-2, Hardcover ISBN: 978-981-19-1323-5, Series ISSN: 2524- 7565, pages 157–167	Saranathan College of Engineering	SpringerLink
3	Dr.P Aravind	-	Modern Automation Methods of Greenhouses	International Scientific Conference, Science, Technology And Innovation In The Period Of The Revival Of The New Epoch Of The Powerful State	-	International	2021	June 12-13, page 197-199, 2022	Saranathan College of Engineering	-
4	Dr.P Aravind	-	Technology Development of Automated Contactless Hand Sanitizer Dispenser System with IR Sensor and Based on A PIC Microcontroller	23rd International Conference on Computer Systems and Technologies	ACM Digital Library	International	2021	17-18 June 2022	Saranathan College of Engineering	-
5	Dr.P Aravind	-	Single Layer-Single-UWB Patch Antenna for HXLPE Based Artificial Hip Diagnosis in Microwave Tomography Spectrum	International Conference on Recent Trends in Communication & Intelligent Systems	ICRTCIS 2021	International	2021	ICRTCIS_2021_ paper_87	Saranathan College of Engineering	-
6	Dr.P.Thirumurugan	-	LABVIEW BASED HILL ASSIST AND BLOCKBOX IN FOUR WHEELERS	4rd INTERNATIONAL CONFERENCE ON NEW SCIENTIFIC CREATIONS IN ENGINEERING & TECHNOLOGY	ICNSCET2K22	International	2021	ICNSCET22-EE06	Saranathan College of Engineering	-
7	Dr.S.M.Girirajkumar	-	SMART AND SECURE WAREHOUSE MONITORING SYSTEM OF AN AGRICULTURAL INDUSTRY USING IOT AND LABVIEW.	4rd INTERNATIONAL CONFERENCE ON NEW SCIENTIFIC CREATIONS IN ENGINEERING & TECHNOLOGY	ICNSCET2K22	International	2021	ICNSCET22-EE08	Saranathan College of Engineering	-
8	Dr.P Aravind	-	ARTIFICIAL INTELLIGANCE BASED SMART INDUSTRY POLLUTION MONITOR AND CONTROL USING LABVIEW	4rd INTERNATIONAL CONFERENCE ON NEW SCIENTIFIC CREATIONS IN ENGINEERING & TECHNOLOGY	ICNSCET2K22	International	2021	ICNSCET22-EE03	Saranathan College of Engineering	-
9	R.Seetharaman	-	CONTROLLING AND MONITORING THE AUTOMATED AQUAPONICS USING IOT AND LABVIEW	4rd INTERNATIONAL CONFERENCE ON NEW SCIENTIFIC CREATIONS IN ENGINEERING & TECHNOLOGY	ICNSCET2K22	International	2021	ICNSCET22-EE12	Saranathan College of Engineering	-

Sl.No.	Name of the teacher	Title of the book/chapters published	Title of the paper	Title of the proceedings of the conference	Name of the conference	National / International	Year of publication	ISBN/ISSN number of the proceeding	Affiliating Institute at the time of publication	Name of the publisher
10	Dr. M. Shanmugavalli	-	DESIGN AND MODELLING OF CANTELIVER BEAM AND CACULATING ITS NATURAL FREQUENCY	4rd INTERNATIONAL CONFERENCE ON NEW SCIENTIFIC CREATIONS IN ENGINEERING & TECHNOLOGY	ICNSCET2K22	International	2021	ICNSCET22-EE02	Saranathan College of Engineering	-
11	Dr. M. Shanmugavalli	-	VIBRATION CONTROL OF SMART CANTELIVER BEAM USING dSPACE	4rd INTERNATIONAL CONFERENCE ON NEW SCIENTIFIC CREATIONS IN ENGINEERING & TECHNOLOGY	ICNSCET2K22	International	2021	ICNSCET22-EE01	Saranathan College of Engineering	-
12	Dr.P Aravind	-	SMART ENTERING SYSTEM USING IOT AND AI	4rd INTERNATIONAL CONFERENCE ON NEW SCIENTIFIC CREATIONS IN ENGINEERING & TECHNOLOGY	ICNSCET2K22	International	2021	ICNSCET22-EE14	Saranathan College of Engineering	-
13	Dr. M. Banusundareswari	-	BLOOD PRESSURE AND HEART RATE MONITORING USING MATLAB WITH ARDUINO	4rd INTERNATIONAL CONFERENCE ON NEW SCIENTIFIC CREATIONS IN ENGINEERING & TECHNOLOGY	ICNSCET2K22	International	2021	ICNSCET22-EE15	Saranathan College of Engineering	-
14	Dr. M. Banusundareswari	-	IOT BASED HUMIDITY AND TEMPERATURE MONITORING USING ARDUINO AND IOT	4rd INTERNATIONAL CONFERENCE ON NEW SCIENTIFIC CREATIONS IN ENGINEERING & TECHNOLOGY	ICNSCET2K23	International	2022	ICNSCET22-EE16	Saranathan College of Engineering	-

2021 - 2022

Department of Information Technology

Sl.No.	Name of the teacher	Title of the book/chapters published	Title of the paper	Title of the proceedings of the conference	Name of the conference	National / International	Year of publication	ISBN/ISSN number of the proceeding	Affiliating Institute at the time of publication	Name of the publisher
1	Dr. V. Punitha	-	Novel Real Time 3D Object Detection Network in Autonomous Driving using Reformed rs-resnet networ	Big Data Innovation for Sustainable Cognitive Computing	-	International	2021-2022	-	Saranathan College of Engineering	-
2	Dr. V. Punitha	-	A Novel Rescaled and Reformulated Convolution Network for Semantic Segmentation	The 5th International Symposium onMobile Internet Security	The 5th International Symposium onMobile Internet Security	International	2021-2022	-	Saranathan College of Engineering	-
3	Dr. V. Punitha	-	-	A survey on AI and ML based Demand forecast analysis of Power	A survey on AI and ML based Demand forecast analysis of Power	International	2021-2022	-	Saranathan College of Engineering	-
4	Ms.J.Sangeethapriya	-	A Road Map to Smart Home Automation Sensors and Technologies	Contemporary Research and Cutting Edge Technology in Electrical Engineering	Contemporary Research and Cutting Edge Technology in Electrical Engineering	International	2021-2022	978-1-922617-24-8	Saranathan College of Engineering	Central West Publishing, Australia
5	Mr. V. SenthilBalaji	-	Facial Emotion Recognition System using VGG Neural network	International Virtue Conference on Machine learning applications in Applied Science and Mathematics	International Virtue Conference on Machine learning applications in Applied Science and Mathematics	International	2021-2022	-	Saranathan College of Engineering	-
6	Mr. R. Rengaraj	-	IoT-GIS Integrated Smart System Towards Baby Monitoring	International Conference on Computing and Intelligent System	International Conference on Computing and Intelligent System	International	2021-2022	-	Saranathan College of Engineering	-
7	Mr. R. Rengaraj	-	Fake News Detection In Social Media Using Deep Learning	International conference on Advanced Computer Science and Technologies	International conference on Advanced Computer Science and Technologies	International	2021-2022	-	Saranathan College of Engineering	-
8	Mr. R. Rengaraj	-	Block Chain Based Fictitious Detection in social Media	International conference on Soft computing and pattern recognition	International conference on Soft computing and pattern recognition	International	2021-2022	-	Saranathan College of Engineering	-
9	Mr. R. Rengaraj	-	A Smart and efficient IOT AI and ML based multi functional system for multilevel power distribution management	Elsevier Book Chapter	Elsevier Book Chapter	International	2021-2022	-	Saranathan College of Engineering	-
10	Mr. R. Rengaraj	-	A survey on AI and ML based Demand forecast analysis of Power	Elsevier Book Chapter	Elsevier Book Chapter	International	2021-2022	-	Saranathan College of Engineering	-

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Department of Mechanical Engineering

Sl.No.	Name of the teacher	Title of the book/chapters published	Title of the paper	Title of the proceedings of the conference	Name of the conference	National / International	Year of publication	ISBN/ISSN number of the proceeding	Affiliating Institute at the time of publication	Name of the publisher
1	Dr. R. Rekha	Advances in Science, Technology and Innovations	Modeling and 3D-Printingof PLA Dental Crown	-	-	-	2022	ISBN: 978-93-93737-59-5	Saranathan College of Engineering	Shanlax Publications
2	Dr.G.Mahesh, Dr.N.Baskar	Advances in Science, Technology and Innovations	Design &Analysis of fixture using Square guided mechanism in manufacturing process	-	-	-	2022	ISBN: 978-93-93737-59-5	Saranathan College of Engineering	Shanlax Publications
3	Mr. R. Suresh Babu, Dr. M. Ganesan, Dr. N. Baskar	Advances in Science, Technology and Innovations	A Significant Review on Die Sinker Electrical Discharge Machining Process	-	-	-	2022	ISBN: 978-93-93737-59-5	Saranathan College of Engineering	Shanlax Publications

SI.No.	Name of the teacher	Title of the book/chapters published	Title of the paper	Title of the proceedings of the conference	Name of the conference	National / International	Year of publication	ISBN/ISSN number of the proceeding	Affiliating Institute at the time of publication	Name of the publisher
4	Dr. M. Ganesan, Dr. N. Baskar	-	-	International Virtual Conference on Science, Technology, Engineering and Management	International Virtual Conference on Science, Technology, Engineering and Management	International	2021	-	Saranathan College of Engineering	Department of Mechanical Engineering, M. Kumarasamy College of Engineering, Karur, Tamil Nadu, India.
5	Dr. G.Mahesh, Dr. N.Baskar		Design and analysis on Snap fit Neck brace using bio plastic material for neck pain	International conference on processing and characterization of materials(ICPCM 22)	International conference on processing and characterization of materials(ICPCM 22)	International	2022	-	Saranathan College of Engineering	Sri Subramaniya Nadar College of Engineering (SSN)
6	Dr.G.Mahesh, Dr.N.Baskar		Design &Analysis of fixture using Square guided mechanism in manufacturing process	-	11th International Conference on Recent developmentsin Engineering Technology (11th ICRDET2021)	International	2021	ISBN-13:979-8-4706-4893-8	Saranathan College of Engineering	IIRM Group
7	Mr.P.V.Rajesh	Handbook of Research on Advancements in the Processing, Characterization, and Application of Lightweight Materials	Process Evaluation and Numerical Optimization in Friction Stir Welding of Dissimilar AMCs	Book chapter	-	International	2022	ISBN: 978-17-99878-64-3	Saranathan College of Engineering	IGI Global, USA
8	Dr. R. Rekha , Mr. S. Vinoth Kumar	-	Optimization Of Cylindrical Grinding Process Parameters On Austenitic Stainless Steel 304 Using Taguchi Based Grey Relational Analysis	International Conference on Processing & Characterization of Materials (ICPCM 2022)	International Conference on Processing & Characterization of Materials (ICPCM 2022)	International	2022	ISSN : 2214-7853.	Saranathan College of Engineering	Sri Sivasubramaniya Nadar College of Engineering Chennai - 603110
9	Mr. S. Vinoth Kumar, Dr. R. Rekha	-	Multi-Objective Optimization of Metal Removal Rate, Dimensional and Profile Accuracy during Drilling of ASTM A516 (Grade70) Steel	Fourth International Conference on Materials Science and Manufacturing Technology(ICMSMT 2022)	Fourth International Conference on Materials Science and Manufacturing Technology(ICMSMT 2022)	International	2022	ISSN : 1662-9752	Saranathan College of Engineering	Akshaya College of Engineering and Technology , Coimbatore
10	Dr. R. Rekha, Dr. N. Baskar, Mr. S. Vinoth Kumar	Contemporary Research and Cutting-Edge Technology in Electrical Engineering	Feasibility Study on Fabrication of PLA Dental Crown using 3D Printer	-	-	International	2022	ISBN (print): 978-1-922617-24-8	Saranathan College of Engineering	Central West Publishing, Australia
11	Dr. M.Ganesan, Dr. N.Baskar, Mr. R.Suresh Babu, Mr. A.Ranjith Raj	-	Experimental Studies on the Effect of Hardness on Metal Inert Gas Welding Process Parameters on AISI 1018 Material	International Conference on Future Advances in Mechanical Engineering (FAME'2k22)	International Conference on Future Advances in Mechanical Engineering (FAME'2k22)	International	2022	ISBN: 978-8-19-551313-0, pp. 6	Saranathan College of Engineering	Jai Shriram Engineering College, Dharapuram Road, Avinashipalayam, Tirupur - 638 660, Tamil Nadu, India
12	Dr. M.Ganesan, Dr. N.Baskar, Mr. S. Karthikeyan, Ms. R. S. Shiva Ranjani	-	Die Sinker Electrical Discharge Machining Process - A Review	International Conference on Future Advances in Mechanical Engineering (FAME'2k22)	International Conference on Future Advances in Mechanical Engineering (FAME'2k22)	International	2022	ISBN: 978-8-19-551313-0, pp. 6	Saranathan College of Engineering	Jai Shriram Engineering College, Dharapuram Road, Avinashipalayam, Tirupur - 638 660, Tamil Nadu, India
13	Dr. N. Baskar, Dr. M. Ganesan		Process Parameters Influence Study Experimental Investigation and Optimization of Milling Aluminium LM 25	International Virtual Conference on Advances in Automobile, Manufacturing and Mechanical Engineering (ICAAMME'2022)	International Virtual Conference on Advances in Automobile, Manufacuring and Mechanical Engineering (ICAAMME'2022)	International	2022	ISBN: 978-93-94412-00-2	Saranathan College of Engineering	Easwari Engineering College (Autonomous), Ramapuram, Chennai - 600 089, Tamil Nadu, India

<p style="text-align:center;background:red;">2021 - 2022</p>

Department of Science and Humanity

SI.No.	Name of the teacher	Title of the book/chapters published	Title of the paper	Title of the proceedings of the conference	Name of the conference	National / International	Year of publication	ISBN/ISSN number of the proceeding	Affiliating Institute at the time of publication	Name of the publisher
1	Dr.L.Muruganandam	-	Synthesis, characterization Energy engineering and environmental applications of a new mannich base ligand and its d10 metal complexes	Virtual International conference on Molecules to Materials	Virtual International conference on Molecules to Materials	International	2021	-	Saranathan College of Engg.	SVNIT
2	Dr.V.Balamurugan	-	Synthesis, characterization and biological studies of Co(II) complexes of Schiff bases	Virtual International conference on Molecules to Materials	Virtual International conference on Molecules to Materials	International	2021	-	Saranathan College of Engg.	SVNIT
3	Dr.G.Thulasi	-	Characterization of Titanium coated by chitosan, zinc oxide and silvernanoparticles and its anti-fungal activities	Virtual International conference on Molecules to Materials	Virtual International conference on Molecules to Materials	International	2021	-	Saranathan College of Engg.	SVNIT
4	Mr.B.Balaprasad	-	A green approach for the synthesis of Ni and Zn co-doped Cr_2O_3 nanoparticles by precipitation method and their anti microbial activity	Virtual International conference on Molecules to Materials	Virtual International conference on Molecules to Materials	International	2021	-	Saranathan College of Engg.	SVNIT

<p style="text-align:center;background:red;">2021 - 2022</p>

Department of MBA

SI.No.	Name of the teacher	Title of the book/chapters published	Title of the paper	Title of the proceedings of the conference	Name of the conference	National / International	Year of publication	ISBN/ISSN number of the proceeding	Affiliating Institute at the time of publication	Name of the publisher
1	Dr.K.Karthikeyan	Thakur Publications	Industrial Relations and Labour legislations	-	-	-	2022	978-93-5480-492-2	Anna University	Thakur Publication
2	Dr V.Mahalakshmi	Thakur Publications	Industrial Relations and Labour legislations	-	-	-	2022	978-93-5480-492-2	Anna University	Thakur Publication

Total No. of Conferences = 124