



3.3.2. Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during last five years

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	Calendar Year of Publication	ISBN/ISSN number of the proceeding	Affiliating Institute at the time of publication	Name of the publisher
Academic Year (2022-23)										
1	Dr.G.Selvabharathi	Environmental Sciences and Sustainability – (IV Semester - Regulation 2021	-	-	-	-	2023	978-81-960819-1-1	SSM Institute of Engineering and Technology	Lakshmi Publications, Chennai
2	Dr.G.Selvabharathi	The Overview of Sustainable Technologies for the Treatment of Industrial Wastewater and its Potential for Reuse	-	-	-	-	2023	"DPS06G82-31JL198RSAU31" IIP Book Series "IIPV3EBS06_G82	SSM Institute of Engineering and Technology	IIP book series
3	M.Moohambikai, K.Sureka, A.Aldo Tennis, S.Suganya, J.Dhanalakshmi	-	Cloud based IOT System for Industrial Waste Water Management	-	NCERI -23	National	2023	-	SSM Institute of Engineering and Technology	-
4	K.Sureka, S,Suganya	-	An intellenge security Architecture for mitigating DDOS attack in CloudIOT Environment	-	International Conference on Expert Cloud and Applications	International	2023	-	SSM Institute of Engineering and Technology	RV college of Engineering, Bengaluru
5	K.Sureka	-	Edit Based Approach to Text Generation	-	International Conference for information and Communication Engineering	International	2023	-	SSM Institute of Engineering and Technology	Care College, Coimbatore
6	S.Suganya	-	Automatic Fish Classification System Using Deep Learning	-	International Conference on “Information and Communication Engineering”-23	International	2023	-	SSM Institute of Engineering and Technology	Care College of Engineering, Trichy
7	N. Anu Lavanya	-	Malware Analysis and Detection for Different File Formats Using KNN Algorithm	-	ICICE’23	International	2023	-	SSM Institute of Engineering and Technology	Care College of Engineering, Trichy
8	J. Dhanalakshmi	-	Blockchain based Multi Disease Pridiction using Support Vector machine Algorithm	-	ICESTEM - 23	International	2023	-	SSM Institute of Engineering and Technology	Baharath Niketan Engineering College

9	A.Aldo Tenis	-	A Novel Phishing Website Prediction Model - Hybridisation of Dense Network Model	-	14 th Annual Research Congress	National	2022	-	SSM Institute of Engineering and Technology	Karpagam Academy of Higher Education
10	N.J.Divya	-	Prediction of Crop Yield & Weather Forecasting in Farmland using Sensor Data	-	International Conference on Information and Communication Engineering (ICICE'23)	International	2023	-	SSM Institute of Engineering and Technology	CARE College of Engineering,Trichy
11	Dr. C. Sujatha	-	Design of spider web spaced antenna for medical applications	AIP Conference Proceedings	International Conference on Systematization, Science and Supervision: ICSSS - 2021	International	2022	1551-7616	SSM Institute of Engineering and Technology	AIP Publishing
12			An adaptive scheduling based communication in 5G network	AIP Conference Proceedings	International Conference on Systematization, Science and Supervision: ICSSS - 2021	International	2022	1551-7616	SSM Institute of Engineering and Technology	AIP Publishing
13	Manikandan M, Karthigai Lakshmi S	-	A Low SAR Beam Steering Slotted Array Antenna for mmWave 5G Mobile Handsets	-	5th International Conference on Smart Systems and Inventive Technology	International	2023	2832-3017	SSM Institute of Engineering and Technology	IEEE
14	Manikandan M, Karthigailakshmi S	-	Viable methods adopted for measuring SAR value in mobile phone antenna: A Review	-	Emergent Converging Technologies and Biomedical Systems	International	2022	1876-1119	SSM Institute of Engineering and Technology	-
15	Keerthana S, Indumathi G, Naveen Mani N, Nishanth R	-	Study on FR4 substrate backed flaring antenna structure for wideband applications	-	14th International Conference on Materials Processing and Characterization	International	2023	-	SSM Institute of Engineering and Technology	Gokaraju Rangaraju Institute of Engineering and Technology, Hyderabad, Telangana
16	Premkumar M	-	Design of Circular Ring Shaped UWB Antenna for BANs and MI Applications	-	International Conference on Advanced Computing and Communication Systems	International	2023	-	SSM Institute of Engineering and Technology	IEEE Xplore
17	Gopinath D,Deiva Nayagam R,Sivakumar G,Karthik S, Deepak Chakravarthi P	-	Intelligent Intravenous Syringe Pump	-	2023 International Conference on Intelligent Systems for Communication, IoT and Security	International	2023	-	SSM Institute of Engineering and Technology	IEEE
18	Carol Praveen R	-	Automated Classification of MRI brain Images	-	ICPECTS 22	International	2022	-	SSM Institute of Engineering and Technology	SRI SAIRAM ENGINEERING COLLEGE
19	Jeyalakshmi M	-	IoT based Smart U-Turn Vehicle Accident Prevention System	-	ICSCDS-2023	International	2023	ISBN:978-1-6654-9199-0	SSM Institute of Engineering and Technology	IEEE Xplore

20	Keerthana S, Swetha S, Indumathi G	-	Study on Basic Laws of Electromagnetics aiding scientific applications in medicine and healthcare	-	National Conference and Exhibition on Rural Innovations	National	2023	ISBN 978-93-91347-59-8	SSM Institute of Engineering and Technology	SSM Institute of Engineering and Technology, Dindigul
21	Dr. K. Vinoth Kumar	-	BCH Coded UWOC Link for Power Efficient Underwater Sensor Networks	-	9th International Conference on Latest Trends in Science, Engineering and Technology	International	2023	-	SSM Institute of Engineering and Technology	Karpagam Institute of Technology
22	M Prabakaran C Silambarasan	-	Investigations on Effect of wall thickness on crash worthiness of single cell thin-walled Structures under Quasi Static Loading Condition	-	ONE DAY INTERNATIONAL CONFERENCE ON Advanced Material Science	International	2023	-	SSM Institute of Engineering and Technology	Nadar Saraswathi College of Engineering and Technology
23	M. SELWIN	-	Influence of Slicing Parameters on Mechanical Properties of 3D Printed PLA Composites	-	International Conference on Advances in Mechanical and Civil Engineering	International	2023	-	SSM Institute of Engineering and Technology	M. Kumarasamy College of Engineering, Karur.
24	M Muthukannan P Shankar Kannan	-	COMPOSITE MATERIAL USING CHICKEN FEATHER AND BAMBOO FIBRE	-	International Conference on Advances in Mechanical and Civil Engineering	International	2023	-	SSM Institute of Engineering and Technology	M. Kumarasamy College of Engineering, Karur.
25	U Karthick T Karthickmunisamy	-	Desalination using Kitchen Wastewater	-	International Conference on Recent Trends in Management Engineering and Technology (ICMET-22)	International	2022	https://drive.google.com/file/d/1CC8g1jePL0WwgXbr99sTZM56kUX3FaT/view?usp=sharing	SSM Institute of Engineering and Technology	Vidhya Vihar Institute of Technology
26	M Muthukannan	-	Generation of Bio Diesel from watermelon seed and Juli flora Seeds	-	International Conference on Advances in Mechanical and Civil Engineering	International	2023	-	SSM Institute of Engineering and Technology	M. Kumarasamy College of Engineering, Karur.
27	V Kandavel	-	Modeling and Comparative Analysis of Conventional Airfoil and Whale Fin Profile Blade in Windmill	-	National Conference and Exhibition on Rural Innovations	National	2023	-	SSM Institute of Engineering and Technology	SSM Institute of Engineering and Technology
28	V Kandavel V Preethi	-	Green Manufacturing for sustainable competitiveness – Strategies and initiatives of industries	-	Jnana Chilume	International	2022	-	SSM Institute of Engineering and Technology	Jain University
29	V Kandavel R.Subhaa	-	A review on sustainable concept within industry 4.0	-	Jnana Chilume	International	2022	-	SSM Institute of Engineering and Technology	Jain University
30	M Sabareeswaran	-	Mesh Convergence study for 2D fixture layout analysis	-	Jnana Chilume	International	2022	-	SSM Institute of Engineering and Technology	Jain University

31	Dr.K.THARA	Technological Innovation in Engineering Research Vol. 3	Removal of NI (II) Ion using Low Cost Carbonaceous Sorption - A Descriptive Study	-	-	International	2022	978-93-5547-687-6 (Print)	SSM Institute of Engineering and Technology	BP INTERNATIONAL
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Academic Year (2021-22)										
1	Dr. V. Nivedhitha	-	Disease Prediction from Retinal Image Segmentation and Classification using Deep Neural Network Algorithm	-	International Virtual Conference on Advances in Digital Transformation, Software Technologies and Intelligent IoT Systems(ICADSIS)	International	2022	-	SSM Institute of Engineering and Technology	Bannari Amman Institute of Technology
2	S. Deepika	-	A Comprehensive study in Different Access Control Models for IoT Environment using Blockchain Technology	-	International Virtual Conference on Advances in Digital Transformation, Software Technologies and Intelligent IoT Systems(ICADSIS)	International	2022	-	SSM Institute of Engineering and Technology	Bannari Amman Institute of Technology
3		-	Secured Cloud Storage for Images	-	International Conference on New Scientific Creations in Engineering and Technology(ICNSCET-2022)	International	2022	-	SSM Institute of Engineering and Technology	Nadar Saraswathi College of Engineering and Technology
4		-	FACEPIN: Face Biometric Authentication System for ATM using Deep Learning	-	International Conference on New Scientific Creations in Engineering and Technology(ICNSCET-2022)	International	2022	-	SSM Institute of Engineering and Technology	Nadar Saraswathi College of Engineering and Technology
5	A.Priyanka	-	Coronary Illness prediction using Machine Learning Techniques - Ensemble Method	-	International Conference on New Scientific Creations in Engineering and Technology(ICNSCET-2022)	International	2022	-	SSM Institute of Engineering and Technology	Nadar Saraswathi CET
6	N. Padma Priya	-	A Review work on Various Learning Methods for Intrusion Detection in Imbalanced Network Traffic	-	International Virtual Conference on Advances in Digital Transformation, Software Technologies and Intelligent IoT Systems(ICADSIS)	International	2022	-	SSM Institute of Engineering and Technology	Bannari Amman Institute of Technology

7		-	Multiple Leukemia detection from Cell Images using Deep Learning Technique	-	International Conference on New Scientific Creations in Engineering and Technology(ICNSCET-2022)	International	2022	-	SSM Institute of Engineering and Technology	Nadar Saraswathi CET
8	N. Padma Priya, N.Anu Lavanya	-	Detecting and Preventing hate Speech on Social Media using Back Propagation Neural Network Algorithm	-	International Conference on New Scientific Creations in Engineering and Technology(ICNSCET-2022)	International	2022	-	SSM Institute of Engineering and Technology	Nadar Saraswathi CET
9	N.Anu Lavanya	-	Election Prediction using Machine Learning Techniques	-	International Conference on New Scientific Creations in Engineering and Technology(ICNSCET-2022)	International	2022	-	SSM Institute of Engineering and Technology	Nadar Saraswathi CET
10		-	COVID 19 Detection based on CT scan images using deep learning	-	International Conference on New Scientific Creations in Engineering and Technology(ICNSCET-2022)	International	2022	-	SSM Institute of Engineering and Technology	Nadar Saraswathi CET
11	N.J Divya	-	Foetal Risk Analysis using Cardiotocographic Data	-	International Conference on New Scientific Creations in Engineering and Technology(ICNSCET-2022)	International	2022	-	SSM Institute of Engineering and Technology	Nadar Saraswathi CET
12		-	Wind shield Glass camera Vision Based Distracted Driver Detection and Alert system Using Deep Learning	-	International Conference on New Scientific Creations in Engineering and Technology(ICNSCET-2022)	International	2022	-	SSM Institute of Engineering and Technology	Nadar Saraswathi CET
13	N.Anu Lavanya	-	A Study of cyber security attack using machine learning and deep learning	-	International conference on continuity, Consistency and Innovation in Applied Science and Humanities	International	2021	-	SSM Institute of Engineering and Technology	St. Martin's Engineering College
14	S.Karthik	-	Survey of Logic Locking Schemes Based on Attack Resilience	-	International Conference on New Scientific Creations in Engineering and Technology(ICNSCET-2022)	International	2022	-	SSM Institute of Engineering and Technology	Nadar Saraswathi CET
15	R.Sangeetha	-	IoT Based Smart Trolley for Shopping	-	International Conference on New Scientific Creations in Engineering and Technology(ICNSCET-2022)	International	2022	-	SSM Institute of Engineering and Technology	Nadar Saraswathi CET

16	R.Sangeetha	-	Personalized Music Recommendation Model based on Machine Learning	<u>2022 8th International Conference on Smart Structures and Systems (ICSSS)</u>	IEEE International Conference on Smart Structures and Systems	International	2022	978-1-6654-9761-9	SSM Institute of Engineering and Technology	IEEE Xplore
17	Dr.G MOHANBABU	Digital Signal Processing	NA	-	-	-	2022	978-620-4-19751-7	SSM Institute of Engineering and Technology	LAP LAMBERT Academic Publications
18	P. SHANKAR KANNAN	-	Study on mechanical properties of Palm-bamboo al glass fiber composites	-	International Virtual Conference on Science Technology, Engineering and Management (IVSTEM-2021)	International	2021	-	SSM Institute of Engineering and Technology	M. Kumarasamy College of Engineering, Karur.
19	Dr. M. MUTHUKANNAN P. SHANKAR KANNAN	-	Current application of nano materials in various industries	-	International Virtual Conference on Science Technology, Engineering and Management (IVSTEM-2021)	International	2021	-	SSM Institute of Engineering and Technology	M. Kumarasamy College of Engineering, Karur.
20	Dr. M. MUTHUKANNAN Mr. M. SELWIN	-	Design and fabrication of solar chimney	-	International Virtual Conference on Science Technology, Engineering and Management (IVSTEM-2021)	International	2021	-	SSM Institute of Engineering and Technology	M. Kumarasamy College of Engineering, Karur.
21	Dr. V. KANDAVEL Mrs. V. PREETHI	-	Implementation of Crop Recommendation System through Digitized Agriculture Metrics using IoT	-	International Virtual Conference on Science Technology, Engineering and Management (IVSTEM-2021)	International	2021	-	SSM Institute of Engineering and Technology	M. Kumarasamy College of Engineering, Karur.
22	Dr. R. SUBHAA	-	IoT Based Machine condition Monitoring System for Sustainable Smart Manufacturing	-	International Virtual Conference on Science Technology, Engineering and Management (IVSTEM-2021)	International	2021	-	SSM Institute of Engineering and Technology	M. Kumarasamy College of Engineering, Karur.

Academic Year (2020-21)										
1	Dr.V. Shunmughavel	Innovations in the Industrial Internet of Things (IIoT) and Smart Factory	Challenges to Industrial Internet of Things (IIoT) Adoption	-	-	International	2020	ISBN13: 9781799833758 ISBN10: 1799833755 EISBN13: 9781799833772	SSM Institute of Engineering and Technology	IGI Global Publishing Tomorrows Research Today
2	Dr.V Nivedhitha	-	IoT based coal mining safety for workers using Arduino	-	National Conference on Innovations in Information & Communication Technologies - (NCIICT - 2021)	National	2021	-	SSM Institute of Engineering and Technology	Bannari Amman Institute of Technology

3	Dr.V.Nivedhitha	-	Centralized web-based application for Non-Profit Organization (NPO)	-	National Conference on Innovations in Information & Communication Technologies - (NCIICT - 2021)	National	2021	-	SSM Institute of Engineering and Technology	Bannari Amman Institute of Technology
4	S. Deepika	-	Text in your Handwriting	-	National Conference on Innovations in Information & Communication Technologies-(NCIICT-2021)	National	2021	-	SSM Institute of Engineering and Technology	Bannari Amman Institute of Technology
5	Ms.N.Padma Priya	-	Automated Student Attendance Monitoring System Using Multiple Face Detection and Recognition-AI	-	National Conference on Innovations in Information & Communication Technologies-(NCIICT-2021)	National	2021	-	SSM Institute of Engineering and Technology	Bannari Amman Institute of Technology
6	V.Nivedhitha, AP	-	Smart Surveillance System for crops from peacocks using wireless sensor networks and IOT	-	International Conference on Artificial Intelligence & Smart Computing (ICAISC - 2020)	International	2020	-	SSM Institute of Engineering and Technology	Bannari Amman Institute of Technology
7	Dr.S.Karthigai Lakshmi Dr.C.Sujatha	-	Design and Implementation of Carry Lookahead Generator in Reversible Logic Using Nano QCA	-	International conference on Materials, Manufacturing and Machining for Industry 4.0 (ICMMM 2.0)	International	2020	-	SSM Institute of Engineering and Technology	IOP Publishing
8	Dr.S.Karthigai lakshmi	-	Design Of Parity Generator And Parity Checker Using Qca Nonotechnology	-	National e-Conference on Research Trends in Communication and Information Technology	National	2021	-	SSM Institute of Engineering and Technology	SSM Institute of Engineering and Technology
9	Dr.C.Sujatha	-	Blood Vessel Segmentation Of Angiographic Image	-	National e-Conference on Research Trends in Communication and Information Technology	National	2021	-	SSM Institute of Engineering and Technology	SSM Institute of Engineering and Technology
10	Dr.K.Rajesh	-	Detect And Segmentation Of Brain Tumor Locules Using Image Registration Based Nuero Fuzzy Classifier Method	-	National e-Conference on Research Trends in Communication and Information Technology	National	2021	-	SSM Institute of Engineering and Technology	SSM Institute of Engineering and Technology

11	M.Jeyalakshmi	-	“Enhanced Performance Of Image Steganography Using Hash Code In Quantum-Dot Cellular Automata	-	AICTE Sponsored International E-Conference On Cutting Edge Technologies in Electrical ,Communication ,Embedded System and soft computing techniques (ICECES '20)	International	2020	-	SSM Institute of Engineering and Technology	Saranathan College of Engineering,Trichy.
12	M.Jeyalakshmi	-	Design and Implementation of a novel Binary to Gray Code Converter Using QCA Nano	-	Natioanal E-Conference on Research Trends in Communication and	National	2021	-	SSM Institute of Engineering and Technology	SSM Institute of Engineering and Technology
13	A.Geetha	-	Smart Security Protection of Agriculture Land From Animals Attack	-	Natioanal E-Conference on Research Trends in Communication and	National	2021	-	SSM Institute of Engineering and Technology	SSM Institute of Engineering and Technology
14	V.P.Jayfantin	-	Eye Lesion Detection Using Extreme Learning Machine	-	Natioanal E-Conference on Research Trends in Communication and	National	2021	-	SSM Institute of Engineering and Technology	SSM Institute of Engineering and Technology
15	V.P.Jayfantin	-	Multi Functional Robot For COVID-19 Spread Management	-	Natioanal E-Conference on Research Trends in Communication and	National	2021	-	SSM Institute of Engineering and Technology	SSM Institute of Engineering and Technology
16	S.Dhamodharan	-	Desgn and mplementation of Auto Mobile Antenna for Inter - Vehicular Communication	-	Natioanal E-Conference on Research Trends in Communication and	National	2021	-	SSM Institute of Engineering and Technology	SSM Institute of Engineering and Technology
17	R.Senthil Kumar	-	Interpretation and Disclosure of Breast Cancer Using deep Convolutional Neural Network	-	Natioanal E-Conference on Research Trends in Communication and	National	2021	-	SSM Institute of Engineering and Technology	SSM Institute of Engineering and Technology
18	R.Carol Praveen	-	Universal Robot Employment to MIMIC Human Writing	-	Natioanal E-Conference on Research Trends in Communication and	National	2021	-	SSM Institute of Engineering and Technology	SSM Institute of Engineering and Technology
19	M.Manikandan	-	Design of Tribble band Micro Strip Slot Antenna For 5G Applications	-	Natioanal E-Conference on Research Trends in Communication and	National	2021	-	SSM Institute of Engineering and Technology	SSM Institute of Engineering and Technology
20	J.Vetri Manikumar	-	GSM Enabled Smart Grid	-	Natioanal E-Conference on Research Trends in Communication and	National	2021	-	SSM Institute of Engineering and Technology	SSM Institute of Engineering and Technology
21	Dr.V.Jeevanantham	-	Glioma Brain Tumour Detection and Diagnosis Using Hidden Markov Model and Deep	-	Natioanal E-Conference on Research Trends in Communication and	National	2021	-	SSM Institute of Engineering and Technology	SSM Institute of Engineering and Technology

22	S.Jayakumar	-	Design of Ultra Wide band Antenna for Wireless Body Area Network Application	-	Natioanal E-Conference on Research Trends in Communication and	National	2021	-	SSM Institute of Engineering and Technology	SSM Institute of Engineering and Technology
23	Dr.S.Karthigai Lakshmi	-	A Secure and High Capacity data hiding method using Arnold Transform and Chaotic Scrambling	-	IETE Sponsored Natioanal E-Conference on Research Trends in Communication and Information Technology	National	2020	-	SSM Institute of Engineering and Technology	SSM Institute of Engineering and Technology
24	S.Dhamodharan	-	Design and Analysis of Microstrip Patch Antenna Suitable for KU Band Satellite Communication	-	IETE Sponsored Natioanal E-Conference on Research Trends in Communication and Information Technology	National	2020	-	SSM Institute of Engineering and Technology	SSM Institute of Engineering and Technology
25	V.P.Jayfantin	-	Hand Written Character Recognition Using Neural Network and Fuzzy Logic	-	IETE Sponsored Natioanal E-Conference on Research Trends in Communication and Information Technology	National	2020	-	SSM Institute of Engineering and Technology	SSM Institute of Engineering and Technology
26	M.Manikandan	-	Design and Fabricatio of Double C Dual Band Slotted Microstrip Antenna for 5G Technology	-	IETE Sponsored Natioanal E-Conference on Research Trends in Communication and Information Technology	National	2020	-	SSM Institute of Engineering and Technology	SSM Institute of Engineering and Technology
27	M.Manikandan	-	Design of Slot Antenna With Defected Ground Structure for Wi-Max Application	-	IETE Sponsored Natioanal E-Conference on Research Trends in Communication and Information Technology	National	2020	-	SSM Institute of Engineering and Technology	SSM Institute of Engineering and Technology
28	J.Vetri Manikumar	-	Wireless Powered Cognitive radio Network to Reduce Path Handoff	-	IETE Sponsored Natioanal E-Conference on Research Trends in Communication and Information Technology	National	2020	-	SSM Institute of Engineering and Technology	SSM Institute of Engineering and Technology
29	S.R.Ashok Kumar	-	Detection and Diagnosis of Seizure Using Soft Computing Approach in EEG	-	IETE Sponsored Natioanal E-Conference on Research Trends in Communication and Information Technology	National	2020	-	SSM Institute of Engineering and Technology	SSM Institute of Engineering and Technology
30	G.Saranya	-	Audio Stegnography By Using Chaos Crypto Encryption	-	Natioanal E-Conference on Research Trends in Communication and	National	2021	-	SSM Institute of Engineering and Technology	SSM Institute of Engineering and Technology

31	Dr.R Subhaa	Case studies - Sustaining the global competitiveness with Industry 4.0 Book: Sustainable Manufacturing for Industry 4.0 - An Augmented approach, edited by K.Jayakrishna et al. CRC press	-	-	-	-	2020	ISBN: 978-1-138-60684-5 (hbk) ISBN: 978-0-429-46629-8 (ebk)	SSM Institute of Engineering and Technology	CRC Press
32	Dr.R Subhaa	-	-	An Internet of Things Enabled Smart Fire Fighting System	International Conference on Computing, Communication and Information Technology	International Conference	2020	-	SSM Institute of Engineering and Technology	Chennai Institute of Technology
33	Dr.R Subhaa	-	-	Cyber Physical System Architecture in the perspective of Industry 4.0	International Conference on Computing, Communication and Information Technology	International Conference	2020	-	SSM Institute of Engineering and Technology	Chennai Institute of Technology
34	Dr.M.Muthukannan	-	-	Design of HVAC System for Electrical Room,SAUDI ARABIA	FIRST INTERNATIONAL IEASMA CONFERENCE ON ENGINEERING, APPLIED SCIENCES AND MANAGEMENT (UOB-IEASMA 2021)	International Conference	2021	ISBN: 978-81-947901-2-9	SSM Institute of Engineering and Technology	FIRST INTERNATIONAL IEASMA CONFERENCE ON ENGINEERING, APPLIED SCIENCES AND MANAGEMENT (UOB-IEASMA 2021)
35	Anbarasu A, Joseph Dominic Vijayakumar S, Paulsingarayar S, Marichamy S, Stalin B, Dhinakaran V, 2020,	Parametric Effect and Laser Beam Machining of Rhenium Diboride-Based Molybdenum Metal Matrix	-	-	-	-	2020	2195-4356	SSM Institute of Engineering and Technology	Book Chapter in Advances in Industrial Automation and Smart Manufacturing, pp. 725-732. Springer, Singapore, DOI: 10.1007/978-981-15-4739-3_64.

Academic Year (2019-20)										
1	Dr.K.Vinoth Kumar	-	Hands with H2O using LoRa for Smart Villages	-	Sixth International E-Conference on Latest Trends in Science, Engineering and Technology	International	2020	-	SSM Institute of Engineering and Technology	Karpagam Institute of Technology , Coimbatore
2	Dr.K.Vinoth Kumar	-	Smart Garbage Management using LoRa	-	Sixth International E-Conference on Latest Trends in Science, Engineering and Technology	International	2020	-	SSM Institute of Engineering and Technology	Karpagam Institute of Technology , Coimbatore
3	G.Saranya	-	IOT based coal Mining safety	-	Sixth International E-Conference on Latest Trends in Science, Engineering and Technology	International	2020	-	SSM Institute of Engineering and Technology	Karpagam Institute of Technology , Coimbatore
4	M. Muthukannan,. Anantha KrishnanAjay Pratap Kushwaha	Design and Fabrication of Ocean Water Pumping and Storage System	-	-	-	-	2019	978-981-15-3631-1	SSM Institute of Engineering and Technology	In: Yang L.J., Haq A., Nagarajan L. (eds) Proceedings of ICDMC 2019. Lecture Notes in Mechanical Engineering. Springer, Singapore

Academic Year (2018-19)										
1	Dr.G.Selvabharathi	-	Assessment of municipal solid waste management of dindigul city using Geospatial tools	Proceedings of International conference on Recent innovations and Technological development in Civil Engineering	Proceedings of International conference on Recent innovations and Technological development in Civil Engineering	International	2018	978-0-6482502-2-7	SSM Institute of Engineering and Technology	GANECON Publications
2	Dr.G.Selvabharathi	-	Electrochemical peroxidation process in the treatment of wastewater from tannery industry for reuse	3rd International Conference on Alternative Fuels,Energy and Environment (ICAFEE):Future and Challenges	3rd International Conference on Alternative Fuels,Energy and Environment (ICAFEE):Future and Challenges	International	2018	DOI: 10.1016/j.fuel.2020.118090	SSM Institute of Engineering and Technology	-
3	V. Praveen Jesuraj	-	Experimental study on light weight concrete by ceramic waste	3 rd International Conference on FRONTLINE AREAS OF CIVIL ENGINEERING	3 rd International Conference on FRONTLINE AREAS OF CIVIL ENGINEERING	International	2018	2455-4847	SSM Institute of Engineering and Technology	-

4	Dr. V. Shunmughavel	-	Ontology based E-healthcare information retrieval system: A Semantic Approach	-	Conference on Recent trends in Engineering, Science and Technology (ICRTEST'19)	International	2019	-	SSM Institute of Engineering and Technology	SBM College of Engineering and Technology
5		-	Transformations in Engineering Education"	-	International Conference on Transforms In Engineering Education - 2019	International	2019	-	SSM Institute of Engineering and Technology	Malla Reddy Engineering College
6	Mr. M. Arockia Irudayaraja, AP	-	Stimulated Sensor System for Night time security system	-	Conference on Recent Trends in Engineering, Science and Technology(ICRETES T'19)	International	2019	-	SSM Institute of Engineering and Technology	SBM College of Engineering and Technology
7		-	A Novel implementation of smart energy meter monitoring and management through IOT	-	Conference on Recent Trends in Engineering, Science and Technology(ICRETES T'19)	International	2019	-	SSM Institute of Engineering and Technology	SBM College of Engineering and Technology
8	Ms. N.Kalaivani, AP	-	Text hiding in Audio and Image using Steganography"	-	Conference on Recent Trends in Engineering, Science and Technology(ICRETES T'19)	International	2019	-	SSM Institute of Engineering and Technology	SBM College of Engineering and Technology
9		-	Credit Card Fraud detection system	-	Conference on Recent Trends in Engineering, Science and Technology(ICRETES T'19)	International	2019	-	SSM Institute of Engineering and Technology	SBM College of Engineering and Technology
10	Mr. V. Naveen Kumar, AP	-	GPS Based Location and Address Tracking Application for Women Security	-	Conference on Recent Trends in Engineering, Science and Technology(ICRETES T'19)	International	2019	-	SSM Institute of Engineering and Technology	SBM College of Engineering and Technology
11	Ms. A. Glory Sujitha, AP	-	SAR Image Target Detection of military artillery wavelet-based Segmentation	-	Conference on Emerging Trends in Engineering and Technology(ICETET'19)	International	2019	-	SSM Institute of Engineering and Technology	Pandian Saraswathi Yadav Engineering College
12		-	Decluttering of GB-SAR images VIA thresholding and Morphological filtering Techniques	-	Conference on Recent Trends in Engineering, Science and Technology(ICRETES T'19)	International	2019	-	SSM Institute of Engineering and Technology	SBM College of Engineering and Technology
13		-	SAR Image Despeckling and target detection using monomorphic filters and wavelet-based segmentation	-	Conference on Recent Trends in Engineering, Science and Technology(ICRETES T'19)	International	2019	-	SSM Institute of Engineering and Technology	SBM College of Engineering and Technology

14	Ms. V. Nivedhitha, AP	-	Cloud Security and Storage Space Management using DCA crypt	-	Conference on Recent Trends in Engineering, Science and Technology(ICRETES T'19)	International	2019	-	SSM Institute of Engineering and Technology	SBM College of Engineering and Technology
15	Mr. A. Amala Deepan, AP	-	SAR Image Target Detection of military artillery wavelet-based Segmentation	-	Conference on Emerging Trends in Engineering and Technology(ICETET'19)	International	2019	-	SSM Institute of Engineering and Technology	Pandian Saraswathi Yadav Engineering College
16		-	Assistant system for smart city	-	Conference on Recent Trends in Engineering, Science and Technology(ICRETES T'19)	International	2019	-	SSM Institute of Engineering and Technology	SBM College of Engineering and Technology
17		-	Privacy preserving multi keyword ranked search over encrypted cloud data	-	Conference on Recent Trends in Engineering, Science and Technology(ICRETES T'19)	International	2019	-	SSM Institute of Engineering and Technology	SBM College of Engineering and Technology
18	Ms. S. Aruljothi, AP	-	Automatic detection of Diabetic retinopathy in Human Eye	-	Conference on Recent Trends in Engineering, Science and Technology(ICRETES T'19)	International	2019	-	SSM Institute of Engineering and Technology	SBM College of Engineering and Technology
19		-	Smart waste Management using IOT	-	Conference on Recent Trends in Engineering, Science and Technology(ICRETES T'19)	International	2019	-	SSM Institute of Engineering and Technology	SBM College of Engineering and Technology
20	Ms. N. Padma Priya, AP	-	Secure Authorized De-Duplication using Convergent Encryption Technique	-	Conference on Recent Trends in Engineering, Science and Technology(ICRETES T'19)	International	2019	-	SSM Institute of Engineering and Technology	SBM College of Engineering and Technology
21		-	Mining Association rules with set of items in large database based on Apriori and Frequent Algorithm	-	Conference on Recent Trends in Engineering, Science and Technology(ICRETES T'19)	International	2019	-	SSM Institute of Engineering and Technology	SBM College of Engineering and Technology
22		-	Monitoring of bridge conditions VIA mobile telecommunications using IOT	-	National Conference on Smart Computing and Advanced Communication (SCAC'19)	National	2019	-	SSM Institute of Engineering and Technology	PSNA College of Engineering and Technology
23	Dr.S.Karthigai lakshmi	-	Design Of The Parity Preserving Reversible Gate Using Nano QCA	-	International Conference On Recent Trends And Current Research In Engineering And	International	2019	-	SSM Institute of Engineering and Technology	SSMIET,Dindigul.

24	Dr.C.Sujatha	-	Density Based Traffic Control System And Green Light Transition Time Estimation Using Image Processing	-	International Conference On Recent Trends And Current Research In Engineering And Technology	International	2019	-	SSM Institute of Engineering and Technology	SSMIET,Dindigul.
25	Dr.C.Sujatha	-	Tumor Classification And Ellipsification For Breast Cancer In Mammogram Images Using Image Processing In MATLAB	-	International Conference On Recent Trends And Current Research In Engineering And Technology	International	2019	-	SSM Institute of Engineering and Technology	SSMIET,Dindigul.
26	K.Rajesh	-	Leukocyte Segmentation And Counting Based On HSV Saturation Component Using BLOB Analysis	-	International Conference On New Scientific Creation In Engineering And Technology	International	2019	-	SSM Institute of Engineering and Technology	Nadar Saraswathi College of Engineering and Technology,Theni
27	S.Dhamodharan	-	IOT Based Soldier Monitoring System	-	International Conference On Recent Trends And Current Research In Engg And Technology	International	2019	-	SSM Institute of Engineering and Technology	SSMIET,Dindigul
28	R.Carol Praveen	-	A Group Based Image inpainting Using Patch Refinement In MRF Frame Work	-	National Conference On Smart Computing And Advanced Communication	National	2019	-	SSM Institute of Engineering and Technology	PSNACET,Dindigul
29	M.Manikandan	-	Multiband Antenna For Onbody Communication	-	National Conference On Smart Computing And Advanced Communication	National	2019	-	SSM Institute of Engineering and Technology	PSNACET,Dindigul
30	Dr.N.Balamurugan	Principles of Sensors and Transducers	-	-	-	-	2019	978-620-0-48552-6	SSM Institute of Engineering and Technology	LAMBERT Academic Publishing
31	N.Balamurugan	Modeling and analysis of induction motor drives	-	-	-	-	2019	978-620-0-00016-3	SSM Institute of Engineering and Technology	LAMBERT Academic Publishing
32	Dr.P.Boomadevi	Basic Electrical and Instrumentation Engineering	-	-	-	-	2019	978-93-86532-61-9	SSM Institute of Engineering and Technology	Charulatha Publications
33	V.Kandavel	-	Optimization And Modelling Of Dynamic Facility Location For Complexities And Simple Problems	-	International Conference On Recent Trends And Current Research In Engineering And Technology	International	2019	-	SSM Institute of Engineering and Technology	Seventh sense research group
34	S.Srinivasan	-	Spring Back And Bend Force Analysis Of Galvanized Iron Sheet In V Die Bending Process	-	Recent Trends In Science, Engineering And Management	International	2019	-	SSM Institute of Engineering and Technology	Karpaga Vinayaga College of Engineering and Technology

35	C.Vinothkumar	-	Experimental Investigation Of Hardness And Mechanical Behavior For Brake Lining Application	-	3rd International Conference On Recent Trends In Engineering, Science And Technology	International	2019	-	SSM Institute of Engineering and Technology	SBM College of Engineering and Technology
36	G.Vinothkumar	-	Experimental Investigation Of Natural Fibre Composites For Ceiling Fan BladeApplication	-	3rd International Conference On Recent Trends In Engineering, Science And Technology	International	2019	-	SSM Institute of Engineering and Technology	SBM College of Engineering and Technology