



### 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	weblink
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	<a href="#">View Document</a>
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	<a href="#">View Document</a>
3	Dr.G.Selvabharathi	-	Coagulation Flocculation Sequential with solar photocatalytic processes using CCRD for diary wastewater Treatment	National Conference and Exhibition on Rural Innovations	NCERI -2023	National	2023	978-93-91347-59-8	SSM Institute of Engineering and Technology	CiiT	<a href="#">View Document</a>
4	C.Merlin Rani	-	Solid Waste Management - A case study of Attur Municipality	National Conference and Exhibition on Rural Innovations	NCERI -2023	National	2023	978-93-91347-59-8	SSM Institute of Engineering and Technology	CiiT	<a href="#">View Document</a>
5	V. Praveen Jesuraj	-	Environmrntal Impacts of Improper solid waste Management	National Conference and Exhibition on Rural Innovations	NCERI -2023	National	2023	978-93-91347-59-8	SSM Institute of Engineering and Technology	CiiT	<a href="#">View Document</a>
6	T. Sivaganesan	-	Performance of Latest Sanitation Technologies in Tamilnadu, India	National Conference and Exhibition on Rural Innovations	NCERI -2023	National	2023	978-93-91347-59-8	SSM Institute of Engineering and Technology	CiiT	<a href="#">View Document</a>
7	M. P. Karthik	-	Shear Behaviour of Hybrid Fiberenriched Geopolymer concrete	National Conference and Exhibition on Rural Innovations	NCERI -2023	National	2023	978-93-91347-59-8	SSM Institute of Engineering and Technology	CiiT	<a href="#">View Document</a>
8	M.Moohambikai, K. Sureka, A.Aldo Tennis, S.Suganya, J. Dhanalakshmi	-	Cloud based IOT System for Industrial Waste Water Management	National Conference and Exhibition on Rural Innovations	NCERI -2023	National	2023	978-93-91347-59-8	SSM Institute of Engineering and Technology	CiiT	<a href="#">View Document</a>
9	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	<a href="#">View Document</a>

10	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	<a href="#">View Document</a>
11	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	<a href="#">View Document</a>
12	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	<a href="#">View Document</a>
13	J. Dhanalakshmi	-	Blockchain based Multi Disease Prediction using Support Vector machine Algorithm	-	ICESTEM - 23	International	2023	-	SSM Institute of Engineering and Technology	Baharath Niketan Engineering College	<a href="#">View Document</a>
14	A.Aldo Tenis	-	A Novel Phishing Website Prediction Model - Hybridisation of Dense Network Model	-	14th Annual Research Congress	National	2022	-	SSM Institute of Engineering and Technology	Karpagam Academy of Higher Education	<a href="#">View Document</a>
15	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	<a href="#">View Document</a>
16	Dr. C. Sujatha	-	A survey on Smart water management systems for contemporary world and Great beyond	National Conference and Exhibition on Rural Innovations	NCERI -2023	National	2023	978-93-91347-59-8	SSM Institute of Engineering and Technology	CiiT	<a href="#">View Document</a>
17	N. Padmapriya	-	Detecting Object and Text - Converting to Speech	National Conference and Exhibition on Rural Innovations	NCERI -2023	National	2023	978-93-91347-59-8	SSM Institute of Engineering and Technology	CiiT	<a href="#">View Document</a>
18		-	Deep Learning based Poultry Disease detection	National Conference and Exhibition on Rural Innovations	NCERI -2023	National	2023	978-93-91347-59-8	SSM Institute of Engineering and Technology	CiiT	<a href="#">View Document</a>
19	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	<a href="#">View Document</a>
20		-	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	<a href="#">View Document</a>
21	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	<a href="#">View Document</a>

22	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	-	<a href="#">View Document</a>
23	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	<a href="#">View Document</a>
24	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	<a href="#">View Document</a>
25	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	<a href="#">View Document</a>
26	Carol Praveen R	-	Automated Classification of MRI brain Images	-	ICPECTS 22	International	2022	-	SSM Institute of Engineering and Technology	SRI SAIRAM ENGINEERING COLLEGE	<a href="#">View Document</a>
27	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	<a href="#">View Document</a>
28	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	<a href="#">View Document</a>
29	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	<a href="#">View Document</a>
30	R.Sangeetha	-	Telemedicine in Rural India	National Conference and Exhibition on Rural Innovations	NCERI -2023	National	2023	978-93-91347-59-8	SSM Institute of Engineering and Technology	CiiT	<a href="#">View Document</a>
31	Dr. K. Vinoth Kumar	-	Smart Water Management System in Urban area using LORA Technology	National Conference and Exhibition on Rural Innovations	NCERI -2023	National	2023	978-93-91347-59-8	SSM Institute of Engineering and Technology	CiiT	<a href="#">View Document</a>
32	Dr. M. Premkumar	-	Application of Drone in Rural Agriculture Development	National Conference and Exhibition on Rural Innovations	NCERI -2023	National	2023	978-93-91347-59-8	SSM Institute of Engineering and Technology	CiiT	<a href="#">View Document</a>
33	S. Jayakumar	-	Cloud Based Agriculture Monitoring	National Conference and Exhibition on Rural Innovations	NCERI -2023	National	2023	978-93-91347-59-8	SSM Institute of Engineering and Technology	CiiT	<a href="#">View Document</a>
34	Dr. M. Jeyalakshmi	-	Remote Patient Health Monitoring System for Rural Areas	National Conference and Exhibition on Rural Innovations	NCERI -2023	National	2023	978-93-91347-59-8	SSM Institute of Engineering and Technology	CiiT	<a href="#">View Document</a>
35	G. Rajarajeshwari	-	Advancement in Agriculture using 5G Technology	National Conference and Exhibition on Rural Innovations	NCERI -2023	National	2023	978-93-91347-59-8	SSM Institute of Engineering and Technology	CiiT	<a href="#">View Document</a>
36		-	Survey on Telehealth and Allergy Services in Rural and Regional Locations	National Conference and Exhibition on Rural Innovations	NCERI -2023	National	2023	978-93-91347-59-8	SSM Institute of Engineering and Technology	CiiT	<a href="#">View Document</a>

37	S. Karthick	-	A case study of Utilizing Telehealth to extend services and preserve the Health and Safety of patients and Employees at a Rural Healthcare Institution	National Conference and Exhibition on Rural Innovations	NCERI -2023	National	2023	978-93-91347-59-8	SSM Institute of Engineering and Technology	CiiT	<a href="#">View Document</a>
38	J. Vetrimanikumar	-	Mental Health prediction using Machine Learning	National Conference and Exhibition on Rural Innovations	NCERI -2023	National	2023	978-93-91347-59-8	SSM Institute of Engineering and Technology	CiiT	<a href="#">View Document</a>
39	Dr. M. Jeyalakshmi	-	True wireless automatic water level controller	National Conference and Exhibition on Rural Innovations	NCERI -2023	National	2023	978-93-91347-59-8	SSM Institute of Engineering and Technology	CiiT	<a href="#">View Document</a>
40	P. Karthika	-	Reverse Vending Machine based on Automatic Reward Point System	National Conference and Exhibition on Rural Innovations	NCERI -2023	National	2023	978-93-91347-59-8	SSM Institute of Engineering and Technology	CiiT	<a href="#">View Document</a>
41	Dr. K. Ganapriya	-	Obstacle Avoidance Robot using ARDUINO	National Conference and Exhibition on Rural Innovations	NCERI -2023	National	2023	978-93-91347-59-8	SSM Institute of Engineering and Technology	CiiT	<a href="#">View Document</a>
42	A. Geetha	-	Automatic Plant Watering System	National Conference and Exhibition on Rural Innovations	NCERI -2023	National	2023	978-93-91347-59-8	SSM Institute of Engineering and Technology	CiiT	<a href="#">View Document</a>
43	Dr. M. Jeyalakshmi	-	Bio Energy and Solar Energy	National Conference and Exhibition on Rural Innovations	NCERI -2023	National	2023	978-93-91347-59-8	SSM Institute of Engineering and Technology	CiiT	<a href="#">View Document</a>
44	R. Senthil Kumar	-	Automatic Solar Power Multipurpose Agriculture Rover using LORA	National Conference and Exhibition on Rural Innovations	NCERI -2023	National	2023	978-93-91347-59-8	SSM Institute of Engineering and Technology	CiiT	<a href="#">View Document</a>
45	M Muthukannan	-	Generation of BioDiesel using performance Analysis from Watermelon seed and Juliflora Seed	National Conference and Exhibition on Rural Innovations	NCERI -2023	National	2023	978-93-91347-59-8	SSM Institute of Engineering and Technology	CiiT	<a href="#">View Document</a>
46	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	<a href="#">View Document</a>
47	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.	<a href="#">View Document</a>
48	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.	<a href="#">View Document</a>
49	U Karthick T Karthickmunisamy	-	Desalination using Kitchen Wastewater	-	International Conference on Recent Trends in Management Engineering and Technology ( ICMET-22)	International	2022	<a href="https://drive.google.com/file/d/1CC8g1jePL0WwgXbr99sTZM56kUX3F-aT/view?usp=sharing">https://drive.google.com/file/d/1CC8g1jePL0WwgXbr99sTZM56kUX3F-aT/view?usp=sharing</a>	SSM Institute of Engineering and Technology	Vidhya Vihar Institute of Technology	<a href="#">View Document</a>

50	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.	<a href="#">View Document</a>
51	V Kandavel	-	Modeling and Comparative Analysis of Conventional Airfoil and Whale Fin Profile Blade in Windmill	National Conference and Exhibition on Rural Innovations	NCERI -2023	National	2023	978-93-91347-59-8	SSM Institute of Engineering and Technology	SSM Institute of Engineering and Technology	<a href="#">View Document</a>
52	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	<a href="#">View Document</a>
53	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	<a href="#">View Document</a>
54	M Sabareeswaran	-	Mesh Convergence study for 2D fixture layout analysis	-	Jnana Chilume	International	2022	-	SSM Institute of Engineering and Technology	Jain University	<a href="#">View Document</a>
55	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	<a href="#">View Document</a>



  
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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	<a href="#">View Document</a>
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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	<a href="#">View Document</a>
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	<a href="#">View Document</a>
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	<a href="#">View Document</a>
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	<a href="#">View Document</a>
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	<a href="#">View Document</a>
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	<a href="#">View Document</a>
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	<a href="#">View Document</a>
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	<a href="#">View Document</a>
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	<a href="#">View Document</a>

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	<a href="#">View Document</a>
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	<a href="#">View Document</a>
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	<a href="#">View Document</a>
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	<a href="#">View Document</a>
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	<a href="#">View Document</a>
16	R.Sangeetha	-	Personalized Music Recommendation Model based on Machine Learning	<a href="#">2022 8th International Conference on Smart Structures and Systems (ICSSS)</a>	IEEE International Conference on Smart Structures and Systems	International	2022	978-1-6654-9761-9	SSM Institute of Engineering and Technology	IEEE Xplore	<a href="#">View Document</a>
17	Dr.G MOHANBABU	Digital Signal Processing	NA	-	-	-	2022	978-620-4-19751-7	SSM Institute of Engineering and Technology	LAP LAMBERT Academic Publications	<a href="#">View Document</a>
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.	<a href="#">View Document</a>
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.	<a href="#">View Document</a>
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.	<a href="#">View Document</a>

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.	<a href="#">View Document</a>
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.	<a href="#">View Document</a>



  
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#### 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	<a href="#">View Document</a>
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	<a href="#">View Document</a>
3		-	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	<a href="#">View Document</a>
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	<a href="#">View Document</a>
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	<a href="#">View Document</a>



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	<a href="#">View Document</a>
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	<a href="#">View Document</a>
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	<a href="#">View Document</a>
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	<a href="#">View Document</a>
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	<a href="#">View Document</a>
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.	<a href="#">View Document</a>
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	<a href="#">View Document</a>
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	<a href="#">View Document</a>

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	<a href="#">View Document</a>
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	<a href="#">View Document</a>
16	S.Dhamodharan	-	Design 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	<a href="#">View Document</a>
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	<a href="#">View Document</a>
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	<a href="#">View Document</a>
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	<a href="#">View Document</a>
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	<a href="#">View Document</a>
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	<a href="#">View Document</a>
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	<a href="#">View Document</a>
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	<a href="#">View Document</a>
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	<a href="#">View Document</a>

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	<a href="#">View Document</a>
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	<a href="#">View Document</a>
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	<a href="#">View Document</a>
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	<a href="#">View Document</a>
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	<a href="#">View Document</a>
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	<a href="#">View Document</a>
31	Dr.R Subhaa	Case studies - Sustaining the global competitiveness with 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	<a href="#">View Document</a>
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 Techology	<a href="#">View Document</a>

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	<a href="#">View Document</a>
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)	<a href="#">View Document</a>
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.	<a href="#">View Document</a>




  
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**Palani Road, Diadigul - 624 002**

#### 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	<a href="#">View Document</a>
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	<a href="#">View Document</a>
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	<a href="#">View Document</a>

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	<a href="#">View Document</a>
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#### 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	<a href="#">View Document</a>
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	-	<a href="#">View Document</a>
3	V. Praveen Jesuraj	-	Experimental study on light weight concrete by ceramic waste	3 rd International Conference on FRONTLINE AREAS OF CIVIL ENGINEERING (ICFACE-2018)	3 rd International Conference on FRONTLINE AREAS OF CIVIL ENGINEERING (ICFACE-2018)	International	2018	2455-4847	SSM Institute of Engineering and Technology	-	<a href="#">View Document</a>
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	<a href="#">View Document</a>
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	<a href="#">View Document</a>

6	Mr. M. Arockia Irudayaraja, AP	-	Stimulated Sensor System for Night time security system	-	Conference on Recent Trends in Engineering, Science and Technology (ICRETEST'19)	International	2019	-	SSM Institute of Engineering and Technology	SBM College of Engineering and Technology	<a href="#">View Document</a>
7		-	A Novel implementation of smart energy meter monitoring and management through IOT	-	Conference on Recent Trends in Engineering, Science and Technology (ICRETEST'19)	International	2019	-	SSM Institute of Engineering and Technology	SBM College of Engineering and Technology	<a href="#">View Document</a>
8	Ms. N.Kalaivani, AP	-	Text hiding in Audio and Image using Steganography"	-	Conference on Recent Trends in Engineering, Science and Technology (ICRETEST'19)	International	2019	-	SSM Institute of Engineering and Technology	SBM College of Engineering and Technology	<a href="#">View Document</a>
9		-	Credit Card Fraud detection system	-	Conference on Recent Trends in Engineering, Science and Technology (ICRETEST'19)	International	2019	-	SSM Institute of Engineering and Technology	SBM College of Engineering and Technology	<a href="#">View Document</a>
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 (ICRETEST'19)	International	2019	-	SSM Institute of Engineering and Technology	SBM College of Engineering and Technology	<a href="#">View Document</a>
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	<a href="#">View Document</a>
12		-	Decluttering of GB-SAR images VIA thresholding and Morphological filtering Techniques	-	Conference on Recent Trends in Engineering, Science and Technology (ICRETEST'19)	International	2019	-	SSM Institute of Engineering and Technology	SBM College of Engineering and Technology	<a href="#">View Document</a>
13		-	SAR Image Despeckling and target detection using monomorphic filters and wavelet-based segmentation	-	Conference on Recent Trends in Engineering, Science and Technology (ICRETEST'19)	International	2019	-	SSM Institute of Engineering and Technology	SBM College of Engineering and Technology	<a href="#">View Document</a>
14	Ms. V. Nivedhitha, AP	-	Cloud Security and Storage Space Management using DCA crypt	-	Conference on Recent Trends in Engineering, Science and Technology (ICRETEST'19)	International	2019	-	SSM Institute of Engineering and Technology	SBM College of Engineering and Technology	<a href="#">View Document</a>
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	<a href="#">View Document</a>
16		-	Assistant system for smart city	-	Conference on Recent Trends in Engineering, Science and Technology (ICRETEST'19)	International	2019	-	SSM Institute of Engineering and Technology	SBM College of Engineering and Technology	<a href="#">View Document</a>

17		-	Privacy preserving multi keyword ranked search over encrypted cloud data	-	Conference on Recent Trends in Engineering, Science and Technology (ICRETEST'19)	International	2019	-	SSM Institute of Engineering and Technology	SBM College of Engineering and Technology	<a href="#">View Document</a>
18	Ms. S. Aruljothi, AP	-	Automatic detection of Diabetic retinopathy in Human Eye	-	Conference on Recent Trends in Engineering, Science and Technology (ICRETEST'19)	International	2019	-	SSM Institute of Engineering and Technology	SBM College of Engineering and Technology	<a href="#">View Document</a>
19		-	Smart waste Management using IOT	-	Conference on Recent Trends in Engineering, Science and Technology (ICRETEST'19)	International	2019	-	SSM Institute of Engineering and Technology	SBM College of Engineering and Technology	<a href="#">View Document</a>
20	Ms. N. Padma Priya, AP	-	Secure Authorized De-Duplication using Convergent Encryption Technique	-	Conference on Recent Trends in Engineering, Science and Technology (ICRETEST'19)	International	2019	-	SSM Institute of Engineering and Technology	SBM College of Engineering and Technology	<a href="#">View Document</a>
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 (ICRETEST'19)	International	2019	-	SSM Institute of Engineering and Technology	SBM College of Engineering and Technology	<a href="#">View Document</a>
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	<a href="#">View Document</a>
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 Technology	International	2019	-	SSM Institute of Engineering and Technology	SSMIET,Dindigul.	<a href="#">View Document</a>
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.	<a href="#">View Document</a>
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.	<a href="#">View Document</a>
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	<a href="#">View Document</a>

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	<a href="#">View Document</a>
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	<a href="#">View Document</a>
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	<a href="#">View Document</a>
30	Dr.N.Balamurugan	Principles of Sensors and Transducers	-	-	-	-	2019	978-620-0-48552-6	SSM Institute of Engineering and Technology	LAMBERT Academic Publishing	<a href="#">View Document</a>
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	<a href="#">View Document</a>
32	Dr.P.Boomadevi	Basic Electrical and Instrumentation Engineering	-	-	-	-	2019	978-93-86532-61-9	SSM Institute of Engineering and Technology	Charulatha Publications	<a href="#">View Document</a>
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	<a href="#">View Document</a>
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	<a href="#">View Document</a>
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	<a href="#">View Document</a>
36	G.Vinothkumar	-	Experimental Investigation Of Natural Fibre Composites For Ceiling Fan Blade 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	<a href="#">View Document</a>



  
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**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**

S.No	Year of Publication	Number of books and papers Published						
		Civil	CSE	ECE	EEE	MECH	S & H	Total
1	2022 - 2023	7	11	26	0	10	1	55
2	2021 - 2022	0	13	3	1	5	0	22
3	2020 - 2021	0	6	24	0	5	0	35
4	2019 - 2020	0	0	3	0	1	0	4
5	2018 - 2019	3	19	7	3	4	0	36
	Total	10	49	63	4	25	1	152



  
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