

**SREENIVASA INSTITUTE OF TECHNOLOGY AND MANAGEMENT STUDIES.  
(AUTONOMOUS)  
DEPARTMENT OF ECE**

**International Conference Publication 2019 - 20**

Name of the faculty	International Conference Publication	VENUE	Date(s)	Best Paper	SCOPUS	ISBN Number	DOI/Weblink
Dr.S.Vijayakumar	S.Vijayakumar, “Double current limiter High performance Voltage Level Shifter for IoT Applications” <i>Proc. IEEE - 5<sup>th</sup> International Conference on Communication and Electronics Systems (ICCES 2020)</i> , ISBN: 978-1-7281-5370-4, 10 <sup>th</sup> to 12 <sup>th</sup> June 2020, pp. 281-284 (IEEE).		10th to 12th June 2020		1		
Dr.S.Vijayakumar	S.Vijayakumar, “FPGA Realization of Multi Stage Decimator for WN Applications” <i>Proc. International Conference on Automation, Signal Processing, Instrumentation and Control (iCASIC 2020)</i> , Vellore Institute of Technology, India, 27 <sup>th</sup> and 28 <sup>th</sup> February 2020.	VIT University, Vellore	27th and 28th February 2020		1		
Dr.C.Kavitha	C.Kavitha, Design of A Novel UWB Antenna for Wireless Applications, 2020 International Conference on Inventive Computation Technologies (ICICT), 26-28 Feb. 2020, ISBN: 978-1-7281-4685-0	Coimbatore, India, India	26-28 Feb. 2020		1	978-1-7281-4685-0	<a href="https://doi.org/10.1109/ICICT48043.2020.9112380">10.1109/ICICT48043.2020.9112380</a>
Dr.S.Sugumaran	Improving Apriori Algorithm to Identify the Frequent Item Set using Run Length Encoding”, International Conference on Emerging Smart Computing and Informatics (ICESCI-2020),pp 153 – 164.	Joseph Arts and Science College,	Feb-20				-

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**National Conference Publication 2019 -20**

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M.Saravanan	Drunk and Drive, Helmet Wearing Detection and Protection System for Bike Automation, SNCIETS 2020.	SITAMS	30-06-2020			978-93-80831-11-4	
Y.Murali Mohan Babu	Design and Implementation of Text Image to Speech Conversion based On OCR using Matlab SNCIETS 2020.	SITAMS	30-06-2020			978-93-80831-11-4	
S.Vijayakumar	ATM Theft Prevention System Using Embedded systems, SNCIETS 2020.	SITAMS	30-06-2020			978-93-80831-11-4	
S.Vijayakumar	Embedded System Based Virtual Guidance for Blind People, SNCIETS 2020.	SITAMS	30-06-2020			978-93-80831-11-4	
C.Kavitha	Upcycling Using Portable Desktop D Printer, SNCIETS 2020.	SITAMS	30-06-2020			978-93-80831-11-4	

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K.Gopi	Clustering Algorithm to Detect Brain Tumor from MRI Images SNCIETS 2020.	SITAMS	30-06-2020			978-93-80831-11-4	
K.Gopi	Controller Area Network(CAN) Based Collision Avoidance System, SNCIETS 2020.	SITAMS	30-06-2020			978-93-80831-11-4	
K.Gopi	Development of Radar Transmit System, SNCIETS 2020.	SITAMS	30-06-2020			978-93-80831-11-4	
K.Gopi	Implementation of Programmable Peripheral Interface using USART:Case Study Using Atmega Timer Peripheral, SNCIETS 2020.	SITAMS	30-06-2020			978-93-80831-11-4	
V.Sivasankaran	Pest disease detection in agriculture plantation using image processing, SNCIETS 2020.	SITAMS	30-06-2020			978-93-80831-11-4	
V.Sivasankaran	Wireless sensor network based coal mines safety monitoring system, SNCIETS 2020.	SITAMS	30-06-2020			978-93-80831-11-4	
K.Prabhuchandran	IOT Based Patient Health Monitoring, Alerting system and Managing	SITAMS	30-06-2020			978-93-80831-11-4	

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	the traffic for an Ambulance SNCIETS 2020.						
K.Prabhuchandran	Interactive Home Automation System Using Google Assistant, SNCIETS 2020.	SITAMS	30-06-2020			978-93-80831-11-4	
S.Priyanka	Automatic Detection Of Diabetic Retinopathy Using Convolutional Neural Network (CNN), SNCIETS 2020.	SITAMS	30-06-2020			978-93-80831-11-4	
K.Yogaprasad	Design of CPW Fed Circular Patch Antenna, SNCIETS 2020.	SITAMS	30-06-2020			978-93-80831-11-4	
K.Yogaprasad	Design of QWT Fed Microstrip Antenna at 5.2 GHz Frequency, SNCIETS 2020.	SITAMS	30-06-2020			978-93-80831-11-4	
V.G.Hamsaveni	Design and Simulation of Logic Gates and Full Adder Circuit using Quantum Dot Cellular Automata Technology, SNCIETS 2020.	SITAMS	30-06-2020			978-93-80831-11-4	
V.G.Hamsaveni	Development of Radar Transmit System, SNCIETS 2020.	SITAMS	30-06-2020			978-93-80831-11-4	

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V.G.Hamsaveni	Implementation of Programmable Peripheral Interface using USART:Case Study Using Atmega Timer Peripheral, SNCIETS 2020.	SITAMS	30-06-2020			978-93-80831-11-4	
K.M.Hemambaran	Image Denoising Using Mask Non-Harmonic Analysis (Mask-NHA), SNCIETS 2020.	SITAMS	30-06-2020			978-93-80831-11-4	
M.Mohan Babu	Voice Controlled Robot Using Raspberry Pi With Alexa SNCIETS 2020.	SITAMS	30-06-2020			978-93-80831-11-4	
M.Mohan Babu	Detection of Breast Cancer using Machine Learning SNCIETS 2020.	SITAMS	30-06-2020			978-93-80831-11-4	
Y.Ravikiranvarma	Upcycling Using Portable Desktop D Printer, SNCIETS 2020.	SITAMS	30-06-2020			978-93-80831-11-4	
S.Ashmad	Seventh Sense Multipurpose Robot Using Arduino UNO, SNCIETS 2020.	SITAMS	30-06-2020			978-93-80831-11-4	
S.Ashmad	Machine Learning Approach for Brain Tumor Detection, SNCIETS	SITAMS	30-06-2020			978-93-80831-11-4	

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	2020.						
K.Manjunath	Data Hiding In Audio File Using Discrete Wavelet Transform, Parity Coding and ZLIB Compression, SNCIETS 2020.	SITAMS	30-06-2020			978-93-80831-11-4	
K.Manjunath	Improving Robustness Of Image Hiding In Audio Steganography Using Discrete Wavelet Transform & Chaotic Maps, SNCIETS 2020.	SITAMS	30-06-2020			978-93-80831-11-4	
N.Swaroop Kumar	Analysis and Rectify the Cycle Slips using Kalman Filter, SNCIETS 2020.	SITAMS	30-06-2020			978-93-80831-11-4	
N.Swaroop Kumar	Analysis of Total Electron Content in Ionosphere, SNCIETS 2020.	SITAMS	30-06-2020			978-93-80831-11-4	
G.Erna	Modified Rounding-Based Approximate Multiplier for High-Speed yet Energy-Efficient using system generator, SNCIETS 2020.	SITAMS	30-06-2020			978-93-80831-11-4	

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P.Sridhar	IMPLEMENTATION OF PROGRAMMABLE PERIPHERAL INTERFACE USING USART:CASE STUDY USING ATMEGA TIMER PERIPHERAL	SITAMS	30-06-2020			978-93-80831-11-4	
P.Sridhar	Low Complexity Underwater Image Dehazing based on Dark Channel Prior and Color correction method, SNCIETS 2020.	SITAMS	30-06-2020			978-93-80831-11-4	
G.Rajesh	Health Monitoring And Tracking System For Soldiers Using IOT, SNCIETS 2020.	SITAMS	30-06-2020			978-93-80831-11-4	
G.Rajesh	Surveillance Robot Using Arduino Microcontroller SNCIETS 2020.	SITAMS	30-06-2020			978-93-80831-11-4	
Dr.P.Sudheer	Design and construction of wall climbing robot for perilous applications, National-NCMTIEE on 11-02-2020		11-02-2020				