SIR C R REDDY COLLEGE OF ENGINEERING, ELURU DEPT. OF ELECTRONICS AND COMMUNICATION ENGINEERING

Staff Conference details Year wise:

Number of quality publications in Conferences for Academic Year (2017-2018)

S.No	Authors	Title Of The Paper	National/International conference
1	Dr. T. Venkateswara RaoK. Venkata Reddy, T Anilkumar	Design of flag shaped 3-element array antenna for directive radiatin in Ku-band applications,	IEEE Conference held at KL University,SPACES- 2018
2	K. Lakshmi Narayana,	Performance comparision of compressive sparse channel Esimation&Feed back in 5Gfor hyper MIMO systems,	IEEE International conf. on Circuits & Systems,IEEE Explore, 20-21 Dec. 2017.

TOTAL: 02

Head of the Department
Electronics & Communication Engg.
Sir C.R.R.College of Engineering

Eluru - 534 007

Number of quality publications in Conferences for Academic Year (2018-2019)

S.No	Authors	Title Of The Paper	National/International confernce
1	Dr. T.Venkateswara	1. Analysis on Mutual Coupling Effects of Linear Patch Antenna Array Using HFSS for Phased Array Radar Applications	ICACT-2019
	Rao	2. Four Element MIMO Antenna For K Band And Ka Band Applications	ICACT-2019
2		3. Enhancement 2×2 Compact Extended MIMO-Antenna	ICACT-2019
2		4.Implementation of Car Parking System through FPGA	ICACT-2019
	Dr.P.H.S.TejoMurthy		ICACT-2019
		6. A Soft Error Tolerance Technique For Combinational Circuit Using D Flipflop Based On Selective Transistor Redundancy	ICACT-2019
3	I. Hemalatha	7.Estimation Of Different Parameters In Cellular Mobile	ICACT-2019
w2	*	Communication	

		8. Efficient Key Generation By Exploiting Randomness From Channel Responses Of Individual Ofdm Subcarriers	ICACT-2019
		9. Real Time Imaging And Signal Analysis Using Radar Sensor	ICACT-2019
4	M.RaviKumar	10.Multi-Parameter Wireless Device For Health Monitoring	ICACT-2019
5	K.Lakshminarayana	11.Aod-Adaptive Subspace Codebook For Channel Feedback In FDD Massive MIMO Systems	ICACT-2019
6	V. Veerraju	12.Mitigate the Travelling Time in WSN using Cluster- Data Based Tour Planning Algorithm	ICACT-2019
7	R. Satish	13. Face Recognition Using CRF Model	ICACT-2019
8		14.Linear Block Codes Reduced Sub packetization With Caching Schemes	ICACT-2019
	Ch. Ravi Kumar	15. Optimization of 2G/3G networks for improvement of handovers	ICACT-2019
		16. Coded Caching Schemes with Reduced Sub packetization from Linear Block Codes	ICACT-2019
9	Ch. Madhava Rao	17.Smart Irrigation System Using Raspberry Pi	ICACT-2019

		10 A FCC-i-mt And	ICACT-2019
10		18.An Efficient And Dynamic Query	ICAC1-2017
		Compressive	
		Wireless Sensing	
		Networks	
			ICACT-2019
		19. Monitoring And	ICAC1-2017
	H. Sudhakar	Controlling Of	
		Mushroom	
		Cultivation Through	
		IOT	ICA CT 2010
		20. Boron Nitride	ICACT-2019
		Nanotubes and Their	
		Applications-A short	
		Review	
11		21.Design And	ICACT-2019
	D. Ajay Kumar	Analysis Of Low	
	D. Hjuy Ikumui	Power Double Tail	
		Comparator	
12		22.Arduino Based	ICACT-2019
	P. Hareesh	Gesture To Speech	
	1. Harcesii	Conversion For The	
		Mute Community	
13		23.Smart Antenna	ICACT-2019
		Beam Forming	
		LCMV MVDR	
		Algorithm	
		24. Mitigation of	ICACT-2019
		Near-Far Effect in	
	K.J.S. Lorraine	Pseudo lite Based	
	IL.V.O. Dollanie	On Beam forming	
		25. Study Of Hybrid	ICWSNUCA-2018
		RF/FSO System	
		To Enhance	
		Effective Range in	
		A Near –Far	
		Scenario	
14		26.Implementation	ICACT-2019
	Ch. Jaya Prakash	Of Hamming Code	
		Using Verilog	
15		27.OPC Based	ICACT-2019
	V. Surendra Babu	Scada System In	
	v. Surendra Babu	Visakhapatnam	
		Steel Plant	
16	M. Narendra	28.Azolla	ICACT-2019
	M. Narendra Kumar	Cultivation Through	
	Kullai	IOT By Using Arm	
	Kumar		

		Cortex-M0	
17	K. Miranji	29.Design And Development Density Based Traffic Light Control System Using IOT	ICACT-2019
		30. Audio And Text Transmission Using Li-Fi Technology	ICACT-2019
18	N. Lavanya	31.CBIR Based On Surf With Color Histogram	ICACT-2019
19		32.Improved BSC and Systematic polar code channel estimation in wireless 5G	ICACT-2019
	V. Vamsi Sudheera	33. Detection of Targets up to maximum unambiguous range using FMCW RADAR	ICACT-2019
20	P.Sasi Bala	34.Telugu Character Recognition Using Svm Classifier	ICACT-2019
21	A. Ram Kumar	35.Implementation Of Majority Logic Based Comparator	ICACT-2019
22	R. Trinadh	36.Design Of Power Efficient Approximate Multipliers	ICACT-2019
23	M.N.Venkatesh Babu S	37.Mutual Coupling Reduction Between Microstrip Patch Antennas Using Slotted- Complementary Split-Ring Resonators	ICACT-2019

		38. Design of	ICACT-2019
		Vivaldi Antenna At	t
		X-Band for Weathe	
		Radar Applications	
		39. Microstrip Patch	ICACT-2019
		Antenna for	201)
		CUBESAT	
2.4		Applications	
24		40.Spectrum	ICACT-2019
		Utilization	ICAC1-2019
	K Chandrasekhar	Efficiency Analysis	
		Using Cognitive	
		Radio Network	
25		41.Video	
		Surveillance Of Raw	ICACT-2019
	Sk.Rahimunnisha	Materials At	
		Visakhapatnam	
26		Steel Plant	
	D. C.	42.Design Of	ICACT-2019
	P. Sowmithri	Ternary Logic	
		Arithmetic Circuits	
27		Using CNTFET	
	M.Vamsi Krishna	43.Low Power Full	ICACT-2019
	Allu	Adders By	2019
	Allu	Exploring New Ex-	
28		Or And	
20	I/ I	44.Design and	ICACT-2019
	K.Lavanya	Analysis of Low	101101-2019
29		Power SRAM cells	
29		45. High Speed and	ICACT-2019
	M.Greeshma	Low Power	10/10/1-2019
		Comparator for	
20		High Speed ADCs	
30	***	46. Fault Detection	ICACT-2019
	V.Swathi	Method In NOC	10/10/1-2019
21		Routers	
31		47.An Efficient	ICACT-2019
	N.Suneetha	Programmable	1CAC1-2019
		Logic BIST Module	
32		48.Hybrid Smart	ICACT 2010
	N.Swathi	Home Control	ICACT-2019
		System	
22		49.Remote	V
33			
33	P.Srinivasulu	Intelligent Infant	ICACT-2019

34		FO. 1	
		50.Implementation	ICACT-2019
		Of Shift Register &	
	YB N V Bhaskar	Twisted Ring	
		Counter Using	
		CMOS Technology	
35		51.Heart Stroke	ICACT-2019
		Forecasting And	
	V.Ranjith kumar	Health Parameters	
		Analysis Using	
		Python	

TOTAL: 51

Number of quality publications in Conferences for Academic Year(2019-2020)

s.no	Authors	Title Of The Paper	National/International confernce
1.	AjaykumarDharmireddy, Drsreen ivasa Rao Ijjada	A perspective review of challenges on FinFET technology in low power & High speed design.	ICMEET-2020, International conference, 6 th , 7 th Dec 2019

TOTAL: 01

Number of quality publications in Conferences for Academic Year (2020-2021)

S.No	Author	Title Of The Paper	National/International conference
1	Dr. T.Venkateswara Rao	1.Automatic Audience Identification Using Face Recognition	16th - 17th JULY 2021,NCAIM- 2021
2	Dr.P.H.S.TejoMurthy	2.Design And Verification Of AMBA AHB-Lite Protocol 3.Image	16th - 17th JULY 2021,NCAIM- 2021 16th - 17th JULY 2021,NCAIM-

		Captioning Based On Deep Neural Network	2021
3	1. Hemalatha	4.Estimation Of Doppler Frequency With Wavelet	16th - 17th JULY 2021,NCAIM- 2021
		Generated Video	
4		5.Unique Identification For Monitoring Of Covid-19 Using Internet Of Things (IoT)	16th - 17th JULY 2021,NCAIM- 2021
	M.RaviKumar	6.Building An Iot Based Cost- Efficient Surveillance Robot For Real Time Monitoring And Control,	16th - 17th JULY 2021,NCAIM- 2021
5	K.Lakshminarayana	7.Hybrid Precoding-Based Millimeter-Wave Massive MIMO- NOMA With Simultaneous Wireless Information and Power Transfer	16th - 17th JULY 2021,NCAIM- 2021
6	V. Veerraju	8. Detection of Lung Cancer in CT images using Image Processing	16th - 17th JULY 2021,NCAIM- 2021
7	R. Satish	9.Automatic Attendance System Using Facenet 10.Social Distance	16th - 17th JULY 2021,NCAIM- 2021 16th - 17th JULY 2021,NCAIM-
		Detection Using Deep Learning	2021
8	Miranji Katta1*, Satish Rapaka2, Trinadh Rajanala3, Ramkumar Adireddi4	11.IoT Enabled E- Life Device For Electricity Management And Energy Efficiency	Proceedi ngs of 1st international Conference on water, energy & envi ronment 23 & 24 Dec 2021

12.Underwater Image Restoration				
Ch. Ravi Kumar	9		12.Underwater	16th - 17th JULY 2021,NCAIM-
Ch. Ravi Kumar			Image Restoration	2021
Ch. Ravi Kumar			Using	
Ch. Ravi Kumar			Segmentation	
13.Image Encryption Using Chaotic Based Artificial Neural Network 10 Ch. Madhava Rao 11 Ch. Madhava Rao 12 Ch. Madhava Rao 13 Image Processing 14.Real-time Face Mask Detection Using Image Processing 15.Implementation Of High-Performance Parallel Prefix Adder 16.Simulation model of SOI TFET for low power applications 17.Rad-Hard model SOI Fin TFET for space craft applications, lecture notes, lecture n		Cl D 'II		
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Hetero junction Double gate TFET at 40nm,			-	
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			Double gate TFET	
21. Doping and ICRCEST 2K21,ISBN: 978-93-			at 40nm,	
			21.Doping and	ICRCEST 2K21,ISBN: 978-93-

		Doping Less III-V	90214-20-4,9 th – 10 th
		Tunnel FETs:	April,2021,ph.no: 348-350
		Investigation on	Aprii,2021,pii.iio. 5 10 550
		Reasons for ON	
		Current	
		Improvement	
13		22. Modified High	16th 17th HH V 2021 NCAIM
13		Speed Vedic	16th - 17th JULY 2021,NCAIM-
	P. Hareesh	Multiplier	2021
	1. Harcesii		
		Implementation	
14		Using VLSI 23.Heart Disease	161 171 111 111 11 11 11 11 11 11 11 11 11
		Prediction Using	16th - 17th JULY 2021,NCAIM-
			2021
	Ch. Jaya Prakash	Machine Learning	161 151 777
	om suyu i iakasii	24. Recognition Of Frauds On Credit	16th - 17th JULY 2021,NCAIM-
			2021
		Card Using Machine Learning	
15		25.Design and	1641 1741 WW V 2004 N. C. + T
		Implementation of	16th - 17th JULY 2021,NCAIM-
	W.C. i s.	the Logic Circuits	2021
	V. Surendra Babu	Using Low Power	
		Adiabatic Logic	90
		Technique	
16		26.Smart	16th - 17th JULY 2021,NCAIM-
		Customer Query	2021
	M. Narendra	Chat Bot With	2021
	Kumar	Intelligent	
		Document	
		Training	
17		27.Early Detection	16th - 17th JULY 2021,NCAIM-
		of Breast Cancer	2021
	K. Miranji	Using Machine	
		Learning	
		Techniques	
		28.Design and	16th - 17th JULY 2021,NCAIM-
		Development of	21021
		IoT based Social	
		Distance Alerting	
		for COVID-19	
18		29.Image	16th - 17th JULY 2021,NCAIM-
		Dehazing	2021
	N. Lavanya	Algorithm Using	
		Morphological	
		Doggard	
19	V. Vamsi Sudheera	Reconstruction 30.Emotion	

		_	-
		Recognition	2021
		Through Speech	
		Signal	
		31.Driver	16th - 17th JULY 2021,NCAIM-
		Drowsiness	2021
		Detection for Safe	2021
		Driving Using	
		Image Processing	
20		32.Low Power	16th - 17th JULY 2021,NCAIM-
		Approximate	2021
		Multiplier Design	2021
	A. Ram Kumar	Using	
		Approximate	
21		compressors	16d 17d HH V 2021 NGAIM
21		33.Simulation	16th - 17th JULY 2021,NCAIM-
		And Comparison	2021
	R. Trinadh	Of Multiple	
		Encryption	
		Standard	
		Algorithms	
22		34.Adiabatic	16th - 17th JULY 2021,NCAIM-
		based 4 bit	2021
		comparator for	
		low power	
	K.Radha	applications	
		35.Design of	16th - 17th JULY 2021,NCAIM-
		adders using Gate	2021
		Diffusion Input	
		technique	
23		36.Remote	16th - 17th JULY 2021,NCAIM-
		Monitoring Of	2021
	P. Sowmithri	Food Spoilage	
		Using Smart	
		Technology	
24		37.Mesochronous	16th - 17th JULY 2021,NCAIM-
		Dual Clock FIFO	2021
	3.637 '77' 1	Buffer	
	M.Vamsi Krishna	38.Personal	16th - 17th JULY 2021,NCAIM-
	Allu	Monitoring And	2021
		Emergency	
		Response Device	
25		39.Smart Gloves	16th - 17th JULY 2021,NCAIM-
		To Convert Sign	2021
	K.Lavanya	To Speech For	
		Mute Community	
26	M.Greeshma	40. Area Efficient	16th - 17th JULY 2021,NCAIM-
20	WI. GI CCSIIIIa	. J. Hou Zillololli	

		M	
		Memory-Based	2021
		Even-Multiple-	
		Storage Multiplier	
27		for Higher Input	
27		41.Plant Disease	16th - 17th JULY 2021,NCAIM-
	V.Swathi	Detection using	2021
20		Machine Learning	
28		42.Statistical	16th - 17th JULY 2021,NCAIM-
		Analysis of mm	2021
	N.Suneetha	wave Channel	
	· · · · · · · · · · · · · · · · · · ·	Modeling at 28	
		and 73GHz in 5G	
		Communications	
29		43.IOT Auto	16th - 17th JULY 2021,NCAIM-
		Temperature Scan	2021
	N.Swathi	Entry System	2021
	N.Swaun	Thermal Flap	
,		Barrier Covid	
		Prevention	
30		44.Fake Currency	16th - 17th JULY 2021,NCAIM-
		Recognition	2021
		System Using	2021
		Image Processing,	
	P.Srinivasulu	45.Contrast	16th - 17th JULY 2021,NCAIM-
		Escalation Of	2021
		Medical Images	2021
		Using Statistical	
		Methods	
31		46.Mems Sensor	16th - 17th JULY 2021,NCAIM-
		For Food Quality	2021
		And Safety	2021
		Monitoring	
	V.Ranjith kumar	47.MEMS Sensor	16th - 17th JULY 2021,NCAIM-
		For Non-Invasive	2021, NCAIWI-
		Screening Of	2021
		Pulmonary	,
		Diseases	
32		48.Design and	2020 32nd International
		Analysis	Conference on Microelectronics
	0.0 " 1	Metamaterials	(ICM),IEEE Xplore,2020-ICM
	G.Srilatha	Inspired Wearable	(10101),1LLL Apiote,2020-10[0]
		Antenna for	
		2.4GHz ISM Band	
		2.7011Z ISM Dand	

Number of quality publications in Conferences for Academic Year (2021-2022)

S.No	Authors	Title Of The Paper	National/International
5.110	Authors	The of the raper	confernce
1	T.	1.The Automatic Identification System Of	3 rd NCSECT - 2022
1	Venkateshwara	Fishing Vessels For Indian Fishermen	PROCEEDINGS, 20th -
	Rao	Tioning vector ver answer	21st May 2022
2	I.Hemalatha	2. Vehicle Detection and Tracking System	3 rd NCSECT – 2022
	1.11Cilialatha	Using Gaussian Mixture Model and Blob	PROCEEDINGS, 20th –
		Analysis	21st May 2022
3	M. Ravikumar	3.SecurityBasedSmart ATM Using IOT	3 rd NCSECT – 2022
3	Wi. Kuvikuma		PROCEEDINGS ,20th –
			21st May 2022
		4.Smart Weather Monitoring In a Poultry Farm	3 rd NCSECT - 2022
		4.5mail weather Monitoring in a 7 cass y cass	PROCEEDINGS ,20th –
			21st May 2022
4	R. Satish	5.Identification of Heart Disease through Iris	3 rd NCSECT – 2022
~	R. Butish	Using Convolutional neural networks	PROCEEDINGS ,20th –
			21st May 2022
		6.Real Time Integrated Biometric System For	3 rd NCSECT – 2022
		Smart Home	PROCEEDINGS, 20th –
			21st May 2022
5	Ch.Madhava	7. High Performance 5-2 Compressor for Rapid	3 rd NCSECT – 2022
	Rao	Parallel Accumulations	PROCEEDINGS ,20th –
			21st May 2022
		8.Infant Incubator Using ESP8266	3 rd NCSECT – 2022
			PROCEEDINGS ,20th –
			21st May 2022
6	Lakshmi	9.IOT Based Smart LPG Gas Monitoring And	3 rd NCSECT – 2022
	Narayana K,	Automatic Booking System	PROCEEDINGS ,20th –
			21st May 2022
		10.Super Resolution Channel Estimation Using	3 rd NCSECT – 2022
		Hybrid Precoding for Mm Wave Massive	PROCEEDINGS ,20th –
	D '11	MIMO	21st May 2022
7	Ravi Kumar	11. Human Machine Interface Using Voice Control	3 rd NCSECT – 2022
	СН	Mechanism	PROCEEDINGS ,20th – 21st May 2022
8	Magmain W	12 Detecting and Addressing The Intermention	3 rd NCSECT – 2022
8	Veerraju V	12.Detecting and Addressing The Interruption In Electrical Poles And Transformer Control	PROCEEDINGS ,20th –
		In Electrical Poles And Transformer Control	21st May 2022
9	M. Narendra	13.Prediction of Heart Disease Using Machine	3 rd NCSECT – 2022
	Kumar	Learning Algorithms	PROCEEDINGS, 20th –
	1 Kulliul	Domining Augorithms	21st May 2022
10	M. Narendra	14.Anti-Theft Fingerprint Security System For	3 rd NCSECT – 2022
- 0		Thore I mgorprint becurity bystelli For	3 Tu INCOLCT - 2022

	Kumar	Motor Vehicles	PROCEEDINGS ,20th -
			21st May 2022
11	CH.	15.IoT Based Industrial Monitoring System	3 rd NCSECT – 2022
	JayaPrakash		PROCEEDINGS ,20th –
			21st May 2022
12	SurendraBabu.	8	3 rd NCSECT – 2022
	V	Preventative Measures Using Convolution	PROCEEDINGS ,20th –
		Neural Networks (CNN)	21st May 2022 BHARAT IEEE Conference
13		17. Design of Low voltage- power: Negative capacitance charge Plasama FinTFET for AIOT	Record:53139 during 7 th -8 th
		Data Acquistion Blocks	April
		Data Acquistion Blocks	2022,GITAM,Visakhapatna
			m.
		18. Datapath system design using 32nm FinFET	7 th WECON 2022,
		technology for low power applications	organized by chitkara
		System to well approactions	university,India on May 20-
	D.Ajay Kumar		21,2022,EISEVIER
	Zu yuy rumur		materials today :proceedings
		19. Detection of COVID-19 from X-RAY	2 nd CONIT, 24 th to 26 th june
		Images using Artificial Intelligence(AI)	2022,K.L.E institute of
			technology Hubballi.IEEE
		20 4	Bangalore Sec.
		20. Accurate Recognition of Coronavirus From	3 rd NCSECT – 2022
		Upper Body X-Ray Images Using AI	PROCEEDINGS ,20th –
			21st May 2022
14	Miranji	21. An Efficient Learning Model Selection for	Intelligent And Cloud
	Katta & Ramk	Dengue Detection	Computing proceedings of
	umar Adireddi		ICICC 2021
15		22.7	-Springer
	M.Greeshma	22.Research on Image Scaling	3 rd NCSECT – 2022
	Wi. Greesiiilia		PROCEEDINGS ,20th –
16		22 Implementation of HART C	21st May 2022
10	Kotha Lavanya	23.Implementation of UART Communication	3 rd NCSECT – 2022
	Teotha Lavanya	Protocol on FPGA by Using Verilog	PROCEEDINGS ,20th –
17		24.IoTBasedHealth	21st May 2022
	A. M. Vamsi	CareMonitoringSystemwithBSNByUsing	3 rd NCSECT – 2022
	Krishna	RaspberryPiWithApp	PROCEEDINGS ,20th –
18		25.Retinal Image Classification For Identifying	21st May 2022
	G.Srilatha	Diabetic Retinopathy Using Convolutional	3 rd NCSECT – 2022
		Neural Networks	PROCEEDINGS ,20th – 21st May 2022
19		26.Design of River Waste Collector Machine	3 rd NCSECT – 2022
	N. Lavanya	Using Arduino	PROCEEDINGS ,20th –
		C	21st May 2022
20	P. Hareesh	27.Quality Enhancement For The Images	
20	P. Hareesh	27. Quality Enhancement For The Images	3 rd NCSECT – 2022

		Captured In Dusty Weather Using Tuned Tri-	PROCEEDINGS, 20th -
		Threshold Fuzzy Intensification Operators	21st May 2022
A. Ram Kumar		28.Implementation of Area and Energy	3 rd NCSECT – 2022
	Efficient MOBTA Using FPGA	PROCEEDINGS, 20th –	
		C	21st May 2022
22		29. Detection of Arboviruses Born Disease By	3 rd NCSECT - 2022
	K Miranji	Using Mems Biosensor	PROCEEDINGS ,20th –
	J	comp Memo Biocomor	21st May 2022
23		30.Simulation of MEMS Gyroscope Using	3 rd NCSECT - 2022
23	R.Trinadh	MATLAB(SIMULINK)	PROCEEDINGS, 20th –
	IX. I I III adil	MATEAD(SIMOLITAE)	21st May 2022
24		21 Water Quality Manitaring System Using	3 rd NCSECT - 2022
24 P. So	D. Carrenith	31. Water Quality Monitoring System Using ESP32 MC	PROCEEDINGS, 20th -
	P. Sowmithri,		21st May 2022
2.5		32.Driver Drowsiness Detection Based On	3 rd NCSECT – 2022
25	37.0		PROCEEDINGS, 20th -
N. Suneetha	Open CV &DLib Libraries Using Image Processing	21st May 2022	
		Processing V Pun Length	3 rd NCSECT - 2022
26 V.		33.Data Compression Using K-Run Length Encoding	PROCEEDINGS, 20th -
	V. Swathi		21st May 2022
		A A Si il Dia dia a bar I Iltragania and Auto	3 rd NCSECT - 2022
27		34. Missile Detection by Ultrasonic and Auto	PROCEEDINGS, 20th -
	N.Swathi	Destroy System using IoT	21st May 2022
		1 Development of Smart	3 rd NCSECT – 2022
28	P. Srinivasulu	35.Design and Development of Smart Multifunctional Wheel Chair	PROCEEDINGS ,20th –
			21st May 2022
		CMagnetic Field and	3 rd NCSECT – 2022
29	Y.B.N.V.	36.Measurement of Magnetic Field and Detection of Type of Material Using Hall Effect	PROCEEDINGS ,20th –
	Bhaskar		21st May 2022
	Dilaskai		210111111

TOTAL: 36

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