

List of Publication in Year 2019-20

S.No	List Of Authors	Title of the Paper	Name of the Journal/Conference	Month & Year of Publication
1	Anil Kumar Sahu; Vivek Kumar Chandra; G R Sinha; Neeraj Kumar Misra	An Efficient CTDSM Based On GM-C Quantizer and Improved Dynamic Element Matching	IET Circuits, Devices & Systems, IET, SCIE impact factor =1.19	03/03/2020
2	Bandan Kumar Bhoi, Neeraj Kumar Misra, Ipsita Dash, Sonali Panda, Ankita Patra	Design of median filter in quantum-dot cellular automata for image processing applications	Advance and Applications in Mathematical Sciences, Mili Publications, Indexed in Thomson Reuters (ESCI)	7/1/2019
3	Bandan Bhoi; Neeraj Kumar Misra; Manoranjan Pradhan	Synthesis and Simulation Study of Non-Restoring Cell Architecture Layout in Perpendicular Nano-Magnetic Logic	Journal of Computational Electronics, Springer (New York, USA), SCIE impact factor =1.63	12/24/2019
4	Dr. J. S. Soni, et al.,	Cold Swaging of Zirconium (Zr-4) Rods: Force Analysis using Catia-V5 and practical force measurement methods	Recent Advances and Challenges in Electronics and Hardware Designs	28-29 February, 2020
5	B. Suresh Kumar, et al.,	Design and analysis of moulding tool for the preparation of composite components	Recent Advances and Challenges in Electronics and Hardware Designs	28-29 February, 2020
6	D.Srinivas, et al.,	Design and analysis of titanium air pressure bottle	Recent Advances and Challenges in Electronics and Hardware Designs	28-29 February, 2020
7	K. Mounika, et al.,	Design and Analysis of C-Composite radome	Recent Advances and Challenges in Electronics and Hardware Designs	28-29 February, 2020
8	Dr. J. S. Soni, et al.,	Design of Toroidal positive expulsion propellant tank	Recent Advances and Challenges in Electronics and Hardware Designs	28-29 February, 2020
9	K. Mounika, et al.,	Finite elements analysis of missile rocket motor	Recent Advances and Challenges in Electronics and Hardware Designs	28-29 February, 2020

10	Dipesh poli, et al.,	Designa and analysis of deep drawing tool for aluminum cup	Recent Advances and Challenges in Electronics and Hardware Designs	28-29 February, 2020
11	A. Harish Kumar, et al.,	Design development and production of solar powered trolley for handicapped person	Recent Advances and Challenges in Electronics and Hardware Designs	28-29 February, 2020
12	K. Mounika, et al.,	Computational flow analysis of aerospace entry vehicle at supersonic hypersonic speeds	Recent Advances and Challenges in Electronics and Hardware Designs	28-29 February, 2020
13	K. Mahesh, et al.,	Feasibility study of production of wing panel	Recent Advances and Challenges in Electronics and Hardware Designs	28-29 February, 2020
14	A. Navyasree et al.,	Design and Cnc programming of work head spindle by Cnc turning centre	Recent Advances and Challenges in Electronics and Hardware Designs	28-29 February, 2020
15	P. Velmurugan et al.,	A novel approach to identify the emotions of pet animals using IoT	Recent Advances and Challenges in Electronics and Hardware Designs	28-29 February, 2020
16	Gayatri Gaddamanugu et al.,	Smoke absorber mediated CO2 capture using tulasi neem guava and peepal leaves and turmeric: A case Study	Recent Advances and Challenges in Electronics and Hardware Designs	28-29 February, 2020
17	Naveen Rathee et al.,	On FPGA implementation of biometric EVM using AADHAAR authentication	Recent Advances and Challenges in Electronics and Hardware Designs	28-29 February, 2020
18	Naveen Rathee et al.,	Design and implementation of home automation system using IoT	Recent Advances and Challenges in Electronics and Hardware Designs	28-29 February, 2020
19	G. Kishore et al.,	Plant nitrogen level assessment through image processing using artificial neural network	Recent Advances and Challenges in Electronics and Hardware Designs	28-29 February, 2020
20	Ch. Santhan kumar et al.,	Analytical modelling of solar photovoltaic system under partial shaded conditions	Recent Advances and Challenges in Electronics and Hardware Designs	28-29 February, 2020
21	Sanjay kumar suman et al.,	VHDL implementation of QPSK modulator and demodulator	Recent Advances and Challenges in	28-29 February,

			Electronics and Hardware Designs	2020
22	Vikas maheshwari et al.,	An analysis on smart agriculture using IoT	Recent Advances and Challenges in Electronics and Hardware Designs	28-29 February, 2020
23	Vikas maheshwari et al.,	An augmented agent framework for disaster response (AADR) in academic community	Recent Advances and Challenges in Electronics and Hardware Designs	28-29 February, 2020
24	Vikas maheshwari et al.,	An enhanced credit card transmission for outlier fraud detection system using artificial neural network	Recent Advances and Challenges in Electronics and Hardware Designs	28-29 February, 2020
25	Vikas maheshwari et al.,	Object multi tracking with identification via deep learning	Recent Advances and Challenges in Electronics and Hardware Designs	28-29 February, 2020
26	Sophia rani et al.,	Advanced coating materials for futuristic hypersonic applications	Recent Advances and Challenges in Electronics and Hardware Designs	28-29 February, 2020
27	Kranthi rekha et al.,	Skin lesion detection in dermoscopy images using wavelet transform and morphology operations	Recent Advances and Challenges in Electronics and Hardware Designs	28-29 February, 2020
28	Prashanth kulakarni et al.,	Smart device for air and sound pollution monitoring and altering systems	Recent Advances and Challenges in Electronics and Hardware Designs	28-29 February, 2020
29	G kishore et al.,	Design and implementation of plant growth monitoring system using IoT and image processing	Recent Advances and Challenges in Electronics and Hardware Designs	28-29 February, 2020
30	G kishore et al.,	Smart attendance system using face recognition technique	Recent Advances and Challenges in Electronics and Hardware Designs	28-29 February, 2020
31	Anil Kumar et al.,	Filter design using VHDL code on FPGA for radar signal analysis	Recent Advances and Challenges in Electronics and Hardware Designs	28-29 February, 2020
32	Kranthi rekha et al.,	Laser pulse based 3D scanner machine	Recent Advances and Challenges in Electronics and Hardware Designs	28-29 February, 2020

33	Prashanth kulakarni et al.,	Engine locking system for drunken drivers and accident alert system	Recent Advances and Challenges in Electronics and Hardware Designs	28-29 February, 2020
34	R Sathish kumar et al.,	Anti-fire Bot	Recent Advances and Challenges in Electronics and Hardware Designs	28-29 February, 2020
35	Vikas maheshwari et al.,	Design and implementation of near-end communication system	Recent Advances and Challenges in Electronics and Hardware Designs	28-29 February, 2020
36	R Sathish kumar et al.,	Multi sensor robot using Zigbee	Recent Advances and Challenges in Electronics and Hardware Designs	28-29 February, 2020
37	R. Basavaraju et al.,	V2v system congestion control validation and performance	Recent Advances and Challenges in Electronics and Hardware Designs	28-29 February, 2020
38	V. Rambabu et al.,	RFID based universal ticketing system	Recent Advances and Challenges in Electronics and Hardware Designs	28-29 February, 2020
39	Sankar reddy et al.,	Arithmetic logic unit	Recent Advances and Challenges in Electronics and Hardware Designs	28-29 February, 2020
40	TV suresh et al.,	War field spy robot	Recent Advances and Challenges in Electronics and Hardware Designs	28-29 February, 2020
41	TV suresh et al.,	Remote controlled pick and place robotic vehicle	Recent Advances and Challenges in Electronics and Hardware Designs	28-29 February, 2020
42	Papiya dutta et al.,	Design and development of semi-autonomous fire fighting drone using arduino	Recent Advances and Challenges in Electronics and Hardware Designs	28-29 February, 2020
43	Vikas maheshwari et al.,	Smart speech glove for deaf and dumb using hand gester technique	Recent Advances and Challenges in Electronics and Hardware Designs	28-29 February, 2020
44	Naveen Rathee et al.,	Internent protocol technology	Recent Advances and Challenges in	28-29 February,

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45	Archna soman et al.,	Forest fire fighting robot	Recent Advances and Challenges in Electronics and Hardware Designs	28-29 February, 2020
46	Sankar reddy et al.,	Vehicle theft detection and tracking using GPS and GSM	Recent Advances and Challenges in Electronics and Hardware Designs	28-29 February, 2020
47	P Chandrashekar et al.,	Air Quality monitoring for neurological disease prevention	Recent Advances and Challenges in Electronics and Hardware Designs	28-29 February, 2020
48	Mohan babu et al.,	Recyclable waste detection system	Recent Advances and Challenges in Electronics and Hardware Designs	28-29 February, 2020
49	Mohan babu et al.,	Sixth sense robot	Recent Advances and Challenges in Electronics and Hardware Designs	28-29 February, 2020
50	Chandra Shekar et al.,	Water quality measuring device	Recent Advances and Challenges in Electronics and Hardware Designs	28-29 February, 2020
51	Naveen Rathee et al.,	Solar powered smart irrigation system	Recent Advances and Challenges in Electronics and Hardware Designs	28-29 February, 2020
52	Boli Sridhar et al.,	Movable railway platform for handicapped and pedestrians	Recent Advances and Challenges in Electronics and Hardware Designs	28-29 February, 2020
53	Sreeja et al.,	Woman safety device using IoT	Recent Advances and Challenges in Electronics and Hardware Designs	28-29 February, 2020
54	S Rahul	Analysis of various logic gates for their performance observation	Recent Advances and Challenges in Electronics and Hardware Designs	28-29 February, 2020
55	Gujja Nithisha et al.,	Self driving car	Recent Advances and Challenges in Electronics and Hardware Designs	28-29 February, 2020

56	A. Arpitha et al.,	Performance comparison of support vector machine random forest and extreme learning machine for intrusion detection	Recent Advances and Challenges in Electronics and Hardware Designs	28-29 February, 2020
57	Srinival Rao et al.,	3D object creation and manipulation in augmented reality	Recent Advances and Challenges in Electronics and Hardware Designs	28-29 February, 2020
58	Vikas maheshwari et al.,	Anti-Theft protection of vehicle by GSM and GPS with fingerprint verification	Recent Advances and Challenges in Electronics and Hardware Designs	28-29 February, 2020
59	Vikas maheshwari et al.,	Analysis of body sensor network and programming framework for wearable computing	Recent Advances and Challenges in Electronics and Hardware Designs	28-29 February, 2020
60	Vikas maheshwari et al.,	Emulate delay estimation of 2 Adjacent coupling interconnects	Recent Advances and Challenges in Electronics and Hardware Designs	28-29 February, 2020
61	Vikas maheshwari et al.,	Conversion of electricity from the sound energy	Recent Advances and Challenges in Electronics and Hardware Designs	28-29 February, 2020
62	G.Kumaraswamy Rao et al.,	Protection against IED (Improved explosive device) a dreaded and fearful weapon of terrorist-Problem, solution and challenges	Recent Advances and Challenges in Electronics and Hardware Designs	28-29 February, 2020
63	G.Kumaraswamy Rao et al.,	Networking of tracking radars of two different SAM weapons to protect the missile in intensive jamming environment	Recent Advances and Challenges in Electronics and Hardware Designs	28-29 February, 2020
64	G.Kumaraswamy Rao et al.,	Status study of sustainability of satellite communication systems under hostile jamming environment	Recent Advances and Challenges in Electronics and Hardware Designs	28-29 February, 2020
65	G.Kumaraswamy Rao et al.,	Emerging technique in protection of crowded public arenas from RCIEDs using reactive jammer mounted on aerostats uavs Drones	Recent Advances and Challenges in Electronics and Hardware Designs	28-29 February, 2020
66	G.Kumaraswamy Rao et al.,	Intelligent jamming solution to defeat the growing menace of remotely controlled improvised devices (RCIEDs) using electronics counter measure	Recent Advances and Challenges in Electronics and Hardware Designs	28-29 February, 2020

67	G.Kumaraswamy Rao et al.,	New Technique to overcome the effect of fading on the power requirement of mobile jammers protecting VVIP convoys from RAIEDS	Recent Advances and Challenges in Electronics and Hardware Designs	28-29 February, 2020
68	Naveen Rathee et al.,	The prototype model Ras for intelligent Transportation systems	Recent Advances and Challenges in Electronics and Hardware Designs	28-29 February, 2020
69	Naveen Rathee et al.,	Design and implementation of intelligent robust car parking system for smart cities	Recent Advances and Challenges in Electronics and Hardware Designs	28-29 February, 2020
70	Dr. J. Bhagwan Reddy et al.,	Performance evaluation of solar photovoltaic system using homer pro software	Recent Advances and Challenges in Electronics and Hardware Designs	28-29 February, 2020
71	Dr. Pampee das et al.,	Experimental realization of electronics nose for multipurpose	Recent Advances and Challenges in Electronics and Hardware Designs	28-29 February, 2020
72	Vikas maheshwari et al.,	Performance modelling of optimization technique in the presence of random process variation to improve parametric yield of VLSI circuits	Recent Advances and Challenges in Electronics and Hardware Designs	28-29 February, 2020
73	Anil kumar shu et al.,	Performance analysis of synapse and neuron analog VLSI circuits for mixed signal neuromorphic computing in various CMOS technology	Recent Advances and Challenges in Electronics and Hardware Designs	28-29 February, 2020
74	Kranti kumar palavalasa et al	Detection of incipient fault of transformers using artificial intelligent and dissolved gas analysis	Recent Advances and Challenges in Electronics and Hardware Designs	28-29 February, 2020
75	Naveen Rathee et al.,	A proposed efficient smart transport bus stand system using GSM and GPS	Recent Advances and Challenges in Electronics and Hardware Designs	28-29 February, 2020
76	Anita bai et al.,	Optimization client assignment for improving interactivity in distributed interactive applications	Recent Advances and Challenges in Electronics and Hardware Designs	28-29 February, 2020
77	Anita bai et al.,	IOT based system for human motion tracking	Recent Advances and Challenges in Electronics and Hardware Designs	28-29 February, 2020
78	Vikas maheshwari et al.,	High throughput VLSI architecture for FFT computation	Recent Advances and Challenges in	28-29 February,

			Electronics and Hardware Designs	2020
79	Vikas maheshwari et al.,	Expressions for closed form on delay to ramp inputs for on chip VLSI RC interconnect	Recent Advances and Challenges in Electronics and Hardware Designs	28-29 February, 2020