

Faculty Publications A.Y.2019-2020

S.No.	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Month and Year of publication	ISBN/ISSN: number
1	A Virtual Honeynet Based Botnet Detection (Vhbd) Architecture for Cloud	Dr.S.Shanthi	CSE	International Journal of Engineering and Advanced Technology (IJEAT)	Jun-19	ISSN: 2249-8958
2	A Systematic and Analytical Approach to Techniques and Tools in Topic Modeling	Dr.S.Shanthi	CSE	International Journal of Recent Technology and Engineering (IJRTE)	May-19	ISSN: 2277-3878
3	Enhancing Heart Disease Prediction Models with Feature Selection and Ensemble Methods	P.Dileep	CSE	Jour of Adv Research in Dynamical & Control Systems	Oct-19	ISSN 1943-023X
4	A Review on Machine Learning Techniques for Data-Driven Heart Disease Prediction	P.Dileep	CSE	The Journal of GujarathReasearch Society	2019	ISSN: 0374-8588
5	Deep Learning Model for Improving Performance of Heart Disease Diagnosis	P.Dileep	CSE	Journal of Information and Computational Science	2019	ISSN:1548-7741
6	An Efficient Feature Selection Based Heart Disease Prediction Model	P.Dileep	CSE	International Journal of Advanced Science and Technology	2019	ISSN: 2005-4238
7	A Virtual Honeynet Based Botnet Detection (Vhbd) Architecture for Cloud	Dr.S.Nagendra Prabhu	CSE	International Journal of Engineering and Advanced Technology (IJEAT)	Jun-19	ISSN: 2249-8958
8	Fast, Efficient And Protected Data Realization For Cloud Supported Internet Of Things In Smart Network	Dr.S.Nagendra Prabhu	CSE	The International journal of analytical and experimental modal analysis	Nov-19	ISSN NO: 0886-9367
9	A Systematic and Analytical Approach to Techniques and Tools in Topic Modeling	Dr.S.Nagendra Prabhu	CSE	International Journal of Recent Technology and Engineering (IJRTE)	May-19	ISSN: 2277-3878
10	Mining Contest From Large Traditional Information	Dr.Md.Tayyabha Khatoon	CSE	Journal of Engineering and Sciences	Dec-19	ISSN NO: 0377-9254
11	Latent Feature Word Representations to Enhance Topic Models for Text Mining Algorithms	Dr.Md.Tayyabha Khatoon	CSE	International Journal of Engineering and Advanced Technology (IJEAT)	Dec-19	ISSN: 2249 – 8958

12	Identity Based-Dual Server Valid Key Exchange Protocols	Dr.V.Chandrashekar	CSE	Journal of Applied Science and Computations	Jun-19	ISSN NO: 1076-5131
13	An Advanced Traveler Information System in a Co-Modal Framework by using Multi objective optimization	M.Jayapal	CSE	Journal of Engineering and Sciences	Dec-19	ISSN NO: 0377-9254
14	Applications Of IOT In Communications & Security	M.Jayapal	CSE	Think India Journal	Nov-19	ISSN:0971-1260
15	Analytical Study on Internet of Things Related with Software Architecture	M.Jayapal	CSE	RESEARCH REVIEW International Journal of Multidisciplinary	May-19	ISSN: 2455-3085 (Online)
16	Software Architectural Styles in the Internet of Things	M.Jayapal	CSE	INTERNATIONAL JOURNAL OF INNOVATIVE RESEARCH IN TECHNOLOGY	Nov-19	ISSN: 2349-6002
17	Latent Feature Word Representations to Enhance Topic Models for Text Mining Algorithms	M.Gayatri	CSE	International Journal of Engineering and Advanced Technology (IJEAT)	Dec-19	ISSN: 2249 – 8958
18	A Framework for Multi-Objective and Comprehensive Analysis of Web User Behavioural Patterns	M.Gayatri	CSE	International Journal of Advanced Science and Technology	Jan-20	ISSN: 2005-4238
19	Machine Learning Algorithm for Early Detection of Heart Diseases Using 3-Tier IoT Architecture	B.Pavani	CSE	International Journal of Engineering and Advanced Technology (IJEAT)	Sep-19	ISSN: 2249 – 8958
20	Author Profiling using Stylistic and N-Gram Features	D.Radha	CSE	International Journal of Engineering and Advanced Technology	Sep-19	ISSN: 2249 – 8958
21	A Method for the Safely Exchange of Private Health Records in the	P.Saleem	CSE	International Journal & Magazine of Engineering, Technology,	Dec-19	ISSN: 2348 – 4845
	Cloud			Management and Research		
22	Support Vector Machines to Identify Information towards Fixed-Dimensional Vector Space	N.Vijay Kumar	CSE	International Journal of Innovative Technology and Exploring Engineering	Aug-19	ISSN: 2278-3075
23	Latent Feature Word Representations to Enhance Topic Models for Text Mining Algorithms	M.Sandeep	CSE	International Journal of Engineering and Advanced Technology (IJEAT)	Dec-19	ISSN: 2249 – 8958

24	An efficient approach for video retrieval by spatio-temporal features	GS Naveen Kumar, VSK Reddy	ECE	International Journal of Knowledge-Based and Intelligent Engineering Systems	2019	ISSN: 1327-2314
25	An Effective Scheme for Shot Boundary Detection and Key Frame Extraction for Video Retrieval	GS Naveen Kumar, VSK Reddy	ECE	International Journal of Recent Technology and Engineering	Nov-19	ISSN: 2277-3878
26	Detection of Shot Boundaries and Extraction of Key Frames for Video Retrieval	GS Naveen Kumar, VSK Reddy	ECE	International Journal of Knowledge-Based and Intelligent Engineering Systems	2019	ISSN: 1327-2314
27	A Scheme for Shot Detection and Video Retrieval using Spatio Temporal Feature	GS Naveen Kumar, VSK Reddy	ECE	International Journal of Recent Technology and Engineering	Sep-19	ISSN: 2277-3878
28	Content relative thresholding technique for key frame extraction	Mallikarjuna LK, VSK Reddy	ECE	International Journal of Knowledge-based and Intelligent Engineering Systems	2019	ISSN: 1327-2314
29	An Adaptive Correlation Based Video Data Mining using Machine Learning	Mallikarjuna LK, VSK Reddy	ECE	International Journal of Recent Technology and Engineering	Nov-19	ISSN: 2277-3878
30	Retrieval of Video Contents based on Deep Parameter Analysis using Machine Learning	Mallikarjuna LK, VSK Reddy	ECE	International Journal of Recent Technology and Engineering	Sep-19	ISSN: 2277-3878
31	Error Compensation Technique For 90nm CMOS Fixed-Width And Area Efficient Booth Encoding Multiplier	S. Ravindrakumar, V.M. Senthilkumar, S. Jayasri, D. Nithya And Jyotsna Siva	ECE	ICTACT Journal On Microelectronics	Oct-19	ISSN: 2395-1680
32	A Vedic Mathematics based Processor Core for Discrete Wavelet Transform Using FinFET and CNTFET Technology for Biomedical Signal Processing	V.M. SenthilKumar, S.Ravindrakumar, D.Nithya, N.V.Kousi	ECE	Microprocessors and Microsystems	Aug-19	ISSN 0141-9331
33	Implementation of MEMS Capacitive Pressure Sensor Design using COMSOL Software	ArunkumarMadupu, Sreenivasa Rao Ijjada, Gowri Ishwari	ECE	International Journal of Recent Technology and Engineering	Aug-19	ISSN: 2277-3878
34	A Hybrid Full adder design Using Multigate Devices Based on XOR/XNOR Logic	Ciddula Rathnakar, Senthilkumar VM, Ravindrakumar S and AnanthaGuptha M.	ECE	Advances in Intelligent Systems and Computing	Mar-20	ISSN 2194-5357

35	Low Power Less Leakage Operational Transconductance Amplifier (OTA) Circuit Using FinFET	MaramAnanthaGuptha, Senthilkumar V.M., Hari Prasad T and Ravindrakumar S	ECE	Advances in Intelligent Systems and Computing	Mar-20	ISSN 2194-5357
36	Fast Compression For Brain MR Images With Proposed Algorithms	M.Ramanjaneyulu, A.V.Narasimha Rao, M.Balraju	ECE	International Journal of Innovative Technology and Exploring Engineering	Jul-19	ISSN: 2278-3075
37	Dynamic mode decomposition of supersonic turbulent pipe flow with and without shock train	G Srinivasan	AERO	Journal of Turbulence	2019	1468-5248
38	Wind Tunnel on Drag Reduction in Aircraft Wing by Inducing Surface Roughness	Ajith Raj	AERO	International Journal of Recent Technology and Engineering	2019	2277-3878
39	Mathematical Modelling and Volume Prediction of Metal Melted by Electron Beam Welding in Copper and Stainless Steel 304 Dissimilar Metal Joints	Ajith Raj	AERO	International Journal of Recent Technology and Engineering	2019	2277-3878
40	Investigation of tribological properties of biomass developed porous nano activated carbon composites	Dheeraj K Gara	AERO	Wear	2020	
41	Analytical, Numerical and Experimental Analysis of Double Collar Collet Chuck Holder by Combined Extrusion and Forging Processes	Dheeraj K Gara	AERO	International Journal of Materials and Product Technology	2020	1741-5209
42	Determination of virial stress on atoms using 2nd nearest neighbour embedded atomic model (2NNEAM) for a nitinol shape memory alloy (SMA)	Dheeraj K Gara	AERO	Materials Today: Proceedings	2020	
43	Demystifying the grid dependency of Severe Plastic Deformation during Combined Extrusion Forging Process	Dheeraj K Gara	AERO	International journal of mechanical, production engineering research and development	2020	ISSN(Print) : 2249-6890

44	A review on process parameters associated with constitutive modelling of shape memory alloys-2	Dheeraj K Gara	AERO	International journal of mechanical, production engineering research and development	2019	ISSN(Print) : 2249-6890
45	A short review on constitutive modelling of the shape memory alloys-1	Dheeraj K Gara	AERO	International journal of mechanical, production engineering research and development	2019	ISSN(Print) : 2249-6890
46	Quandaries during numerical analysis on shape memory product	Dheeraj K Gara	AERO	International journal of mechanical, production engineering research and development	2019	ISSN(Print) : 2249-6890
47	Numerical Study on the Effect of Contraction Ratio on Supersonic Intake Starting Characteristics	Dheeraj K Gara	AERO	International journal of mechanical, production engineering research and development	2019	ISSN(Print) : 2249-6890
48	DESIGN AND TESTING OF ROCKET MOTORS WITH COMPOSITE PROPELLANTS	Dr. CH Sreenadh	AERO	International Journal of Mechanical and Production Engineering Research and Development (IJMPERD)	2019	ISSN(Print) : 2249-6890
49	DESIGN OPTIMIZATION OF ROTOR PROPULSIVE DELTA WING	Prof V Ravi	AERO	International Journal of Mechanical and Production Engineering Research and Development (IJMPERD)	2019	ISSN(Print) : 2249-6890
50	DRAG POLAR FOR COMBAT AIRCRAFT	L Sushma	AERO	International Journal of Mechanical and Production Engineering Research and Development (IJMPERD)	2019	ISSN(Print) : 2249-6890
51	PYRO BASED SYSTEMS IN FIN LOCKING MECHANISM FOR MISSILE APPLICATIONS	D Smitha	AERO	International Journal of Mechanical and Production Engineering Research and Development (IJMPERD)	2019	ISSN(Print) : 2249-6890
52	COMPUTATIONAL STUDY OF OBLIQUE SHOCK INDUCED DETONATION WAVE	L Sushma	AERO	International Journal of Mechanical and Production	2019	ISSN(Print) : 2249-6890

	STABILIZATION BY DEFLECTION OF WEDGE SURFACE			Engineering Research and Development (IJMPERD)		
53	THE EFFECT OF INTERFACE GEOMETRY IN MIXING OF TWO CO-AXIAL SUPERSONIC JETS USING COMPUTATIONAL FLUID DYNAMICS	J Sandeep	AERO	International Journal of Mechanical and Production Engineering Research and Development (IJMPERD)	2019	ISSN(Print) : 2249-6890
54	DESIGN OF ANNULAR COMBUSTION CHAMBER FOR A MICRO TURBOFAN ENGINE	J Sandeep	AERO	International Journal of Mechanical and Production Engineering Research and Development (IJMPERD)	2019	ISSN(Print) : 2249-6890
55	AERODYNAMIC STUDY OF SPAN WISE MORPHING WING	J Sandeep	AERO	International Journal of Mechanical and Production Engineering Research and Development (IJMPERD)	2019	ISSN(Print) : 2249-6890
56	COMPUTATIONAL STUDY ON PERFORMANCE OF RAMJET ENGINE FOR VARIOUS MACH NUMBERS	L Sushma	AERO	International Journal of Mechanical and Production Engineering Research and Development (IJMPERD)	2019	ISSN(Print) : 2249-6890
57	EFFECT OF KNUDSEN NUMBER ON BLUNT BODY DURING HYPERSONIC SPEEDS FOR REDUCING DRAG	D Smitha	AERO	International Journal of Mechanical and Production Engineering Research and Development (IJMPERD)	2019	ISSN(Print) : 2249-6890
58	DESIGN AND OPTIMIZATION OF AN ISOGRID COMPOSITE CYLINDER USING FEA	M. yugender	AERO	International Journal of Mechanical and Production Engineering Research and Development (IJMPERD)	2019	ISSN(Print) : 2249-6890
59	“Evaluation of UBI Gajah for Bioethanol via Hydrolysis and Fermentation,”	A.N.R. Reddy	MECH	Malays. Appl. Biol.,	June 2019	(ISSN 0126/8643)
60	“Design Optimization and Analysis of Steam Boiler used in Thermal Power Plant”,	A.N.R. Reddy	MECH	International Journal of Research,	June 2019	2394-3629
61	“Optimization of Natural Convective Heat Transfer from Inclined Narrow	A.N.R. Reddy	MECH	International Journal of Research, vol. 8,	June 2019	2394-3629

	Plates,					
62	Experimental Investigation Design and Analysis of the Discharge Valve in Reciprocating Compressor for Transcritical CO2 Refrigeration,	A.N.R. Reddy	MECH	International Journal of Management, Technology and Engineering, vol. 9,	June 2019	ISSN NO: 2249-7455
63	Performance of Multi-Fuel Engine	A.N.R. Reddy	MECH	International Journal of Research, vol. 8,	June 2019	2394-3629
64	Mechanical properties of Randomly oriented carbon - sansevieria trifasciata fiber epoxy composites	Sandhya Rani Borukati	MECH	IJRTE	Nov-19	2277-3878 (Online)
65	Development and charecterization of Natural fiber Carbon fiber reinforced Hybrid composite material.	Sandhya Rani Borukati	MECH	Elsevier	2019	
66	Analysis of upper body ergonomic parameters on commuter motorbike users	B Jain A R Tony	MECH	Journal of Transport and Health (Elsevier)	2020	ISSN: 0972-978X
67	Simulation of L-4 lumbar spine model of motorist exposed to vibration from speed hump	B Jain A R Tony	MECH	Journal of Orthopaedics (Elsevier)	2020	ISSN: 0972-978X
68	Influence of Vibrolsolator Attachment for A Jackhammer to Reduce Vibration Discomfort	B Jain A R Tony	MECH	Trends in Mechanical and Biomedical Design, Lecture Notes in Mechanical Engineering (Springer)	2020	
69	Static Deformation Analysis with and Without of Piezo-electric Material Attachment in Hydraulic Suspension System	B Jain A R Tony	MECH	Trends in Mechanical and Biomedical Design, Lecture Notes in Mechanical Engineering (Springer)	2020	
70	Power Generation from Hydraulic Shock Absorber Using Piezoelectric	B Jain A R Tony	MECH	Trends in Mechanical and Biomedical Design, Lecture	2020	

	Material			Notes in Mechanical Engineering (Springer)		
71	Optimization of WEDM machining process parameters with Modified TLBO method	O.Y. VENKATA SUBBA REDDY	MECH	Mukt Shabd Journal	2020	(ISSN NO : 2347-3150)
72	Optimization of Diesel Engine Performance by Bio Diesel Using Taguchi and Grey Relational Analysis	O.Y. VENKATA SUBBA REDDY	MECH	Mukt Shabd Journal	2020	(ISSN NO : 2347-3150)
73	Optimization of WEDM machining process parameters with Modified TLBO method	V.Gopala Krishna	MECH	Mukt Shabd Journal	2020	(ISSN NO : 2347-3150)
74	Optimization of WEDM machining process parameters with Modified TLBO method	Soma Vivekanada	MECH	Mukt Shabd Journal	2020	(ISSN NO : 2347-3150)
75	FINFET operational amplifier with low offset noise and high immunity to electromagnetic interference	Senthilkumar, V.M., Muruganandham, A., Ravindrakumar, S., Gowri Ganesh, N.S.	IT	Journal Microprocessors and Microsystems, Elsevier	2019	ISSN: 0141-9331
76	Intelligent exhaustion rate and stability control on underwater wsn with fuzzy based clustering for efficient cost management strategies	M Umamaheswari	IT	Information Systems and e-Business Management	2019	1617-9846
77	Intelligent exhaustion rate and stability control on underwater wsn with fuzzy based clustering for efficient cost management strategies	M Umamaheswari & Dr.N Rengarajan	IT	Information Systems and e-Business Management	2019	1617-9846
78	Fleet Management and Vehicle Routing in Real Time Using Parallel Computing Algorithms	Dr.A.Mummoorthy	IT	Soft Computing and Signal Processing, Springer, Singapore	2019	
79	Revenue of Limit for cloud agent in cloud computing	M.Divya Rao, Vazralu.M	IT	Revenue of limit for cloud agent for cloud computing	2020	
80	Loadability Enhancement using Improved Wind Driven Optimization	karimulla peerla shaik	EEE	Journal of Green Engineering (JGE)	2019	ISSN: 1904-4720 (Print)

	Algorithm					
81	A novel approach to solve optimal power flow problem	karimulla peerla shaik	EEE	International Information and Engineering technology Association	2019	
82	A Day without using Internet	Dr. I. J. Raghavendra	MBA	ZENITH International Journal of Multidisciplinary Research	Jun-19	ISSN 2231-5780
83	“Internal Marketing in the Banking Sector: A study on Perceptions of Employees in State Bank of Hyderabad”	Dr. Naveen Kumar Gurram	MBA	ZENITH International Journal of Multidisciplinary Research	Jun-19	ISSN 2231-5780
84	“Principal Factors of Service Quality: A Study of Selected Banks in India.”	Dr. Vaishali Pagaria	MBA	Journal of Interdisciplinary Cycle Research	Jun-19	(ISSN: 0022-1945)
85	A Day without using Internet	Raju Rathipelli	MBA	ZENITH International Journal of Multidisciplinary Research	Jun-19	ISSN 2231-5780