VIT-AP UNIVERSITY

Office of the Academic Research

The publications in the years 2019

SNO	Authors	Title	Source title	School	Month	Authors	Emp ID	Cited by	Document Type
1	Chavva S.R.; Sangam R.S.	An energy-efficient multi-hop routing protocol for health monitoring in wireless body area networks	Network Modeling Analysis in Health Informatics and Bioinformatics	SCOPE	May	Dr. Ravi Sankar Sangam	70043	52	Article
2	Gnanasigamani L.J.; Hari S.	Crime data clustering using neighbourhood rough set	Journal of Advanced Research in Dynamical and Control Systems	SCOPE	May	Dr. Hari Seetha	70003	0	Article
3	Gupta S.; Parne B.L.; Chaudhari N.S.	PSEH: A provably secure and efficient handover AKA protocol in LTE/LTE-A network	Peer-to-Peer Networking and Applications	SENSE	July	Dr. Balu Laxman Parne	No	4	Article
4	Shukla A.K.; Ramamohan T.R.; Srinivas S.	Analytical solutions to nonlinear problems by the generalised form of HAM: A note	International Journal of Computing Science and Mathematics	SAS	April	Dr. S Srinivas	70004	0	Article

5	Kumar C.K.; Srinivas S.	Influence of joule heatingand thermal radiation onunsteady hydromagnetic flow of chemically reacting casson fluid over an inclined porous stretching sheet	Special Topics and Reviews in Porous Media	SAS	March	Dr. S Srinivas	70004	20	Article
6	Singh S.K.; Kumar P.	A load balancing virtual level routing (LBVLR) using mobile mule for large sensor networks	Journal of Supercomputing	SCOPE	November	Dr. Sunil Kumar Singh	70135	8	Article
7	Ajith Jubilson E.; Sangam R.S.	An action based test suite for evaluating multi agent software systems	Journal of Advanced Research in Dynamical and Control Systems	SCOPE	November	Dr. Ravi Sankar Sangam	70043	0	Article
8	Rao C.M.; Srinivasulu P.; Sarma C.A.; Reddy K.R.	Image defogging algorithm based on fusion approach	Journal of Advanced Research in Dynamical and Control Systems	SENSE	November	Mr. Rasool Reddy (scholar)	No	0	Article
9	Saha R.; Bhowmick B.; Baishya S.	Impact of WFV on electrical parameters due to high-k/metal gate in SiGe channel tunnel FET	Microelectronic Engineering	SENSE	March	Dr. Rajesh saha	No	24	Article
10	Gupta A.; Khatirkar R.K.; Kumar A.; Thool K.; Bibhanshu N.; Suwas S.	Microstructure and texture development in Ti-15V-3Cr-3Sn-3Al alloy – Possible role of strain path	Materials Characterization	SMEC	October	Kumar, Amit	No	51	Article

11	Saha R.; Bhowmick B.; Baishya S.	Analytical threshold voltage and subthreshold swing model for TMG FinFET	International Journal of Electronics	SENSE	March	Dr. Rajesh saha	No	7	Article
12	Suryanarayana G.; Yang J.; Dhuli R.	Single Image Super-Resolution Algorithm Possessing Edge and Contrast Preservation	International Journal of Image and Graphics	SENSE	October	Dr. Ravindra Dhuli	70053	14	Article
13	Suganya P.; Pradeep Reddy C.	Integration of 6LOWPAN and cloud data centers: The role of link capacity between sensor networks and cloud data centers	International Journal of Innovative Technology and Exploring Engineering	SCOPE	November	Dr. Ch Pradeep Reddy	70008	0	Article
14	Sibi Chakkaravarthy S.; Sangeetha D.; Vaidehi V.	A Survey on malware analysis and mitigation techniques	Computer Science Review	SCOPE	May	Dr. Sibi Chakkaravarthy S	70084	197	Review
15	Lijo V.P.; Seetha H.	A distributed approach for tweet polarity detection	Journal of Advanced Research in Dynamical and Control Systems	SCOPE	January	Dr. Hari Seetha	70003	0	Article
16	Mallick P.K.; Mishra S.; Satapathy S.K.; Panda A.R.	Emotion classification from EEG brain signal using weighted stacking of ensemble classifiers	Indian Journal of Public Health Research and Development	SCOPE	November	Dr. Shruti Mishra	No	2	Article

17	Satapathy S.K.; Mishra S.; Mallick P.K.; Badiginchala L.; Gudur R.R.; Guttha S.C.	Classification of Features for detecting Phishing Web Sites based on Machine Learning Techniques	International Journal of Innovative Technology and Exploring Engineering	SCOPE	June	Dr. Shruti Mishra	No	15	Article
18	Mani A.; Tambe P.; Rahaman A.	Flexural properties of multiscale nanocomposites containing multiwalled carbon nanotubes coated glass fabric in epoxy/graphene matrix	Composite Interfaces	SMEC	November	Dr. Pankaj Balkrishna Tambe	70009	33	Article
19	Bavirisetti D.P.; Xiao G.; Zhao J.; Dhuli R.; Liu G.	Multi-scale Guided Image and Video Fusion: A Fast and Efficient Approach	Circuits, Systems, and Signal Processing	SENSE	December	Dr. Ravindra Dhuli	70053	195	Article
20	Ponnamma D.; Cabibihan J.-J.; Rajan M.; Pethaiah S.S.; Deshmukh K.; Gogoi J.P.; Pasha S.K.K.; Ahamed M.B.; Krishnegowda J.; Chandrashekar B.N.; Polu A.R.; Cheng C.	Synthesis, optimization and applications of ZnO/polymer nanocomposites	Materials Science and Engineering C	SAS	May	Dr. Khadheer Pasha Sk	70012	288	Review
21	Sankaran S.; Deshmukh K.; Ahamed M.B.; Sadasivuni K.K.; Faisal M.; Pasha S.K.K.	Electrical and Electromagnetic Interference (EMI) shielding properties of hexagonal boron nitride nanoparticles reinforced polyvinylidene fluoride nanocomposite films	Polymer-Plastics Technology and Materials	SAS	July	Dr. Khadheer Pasha Sk	70012	44	Article

22	Rao K.M.; Rao B.S.; Chandana B.S.; Harikiran J.	Dimensionality reduction and hierarchical clustering in framework for hyperspectral image segmentation	Bulletin of Electrical Engineering and Informatics	SCOPE	September	Dr. J Harikiran	70110	4	Article
23	Parne B.L.; Gupta S.; Chaudhari N.S.	PSE-AKA: Performance and security enhanced authentication key agreement protocol for IoT enabled LTE/LTE-A networks	Peer-to-Peer Networking and Applications	SENSE	September	Dr. Balu Laxman Parne	No	25	Article
24	Suganya P.; Pradeep Reddy C.H.	A survey and analysis on various objective functions defined for RPL in 6LOWPAN	International Journal of Recent Technology and Engineering	SCOPE	November	Dr. Ch Pradeep Reddy	70008	3	Article
25	Sadasivuni K.K.; Deshmukh K.; Ahipa T.N.; Muzaffar A.; Ahamed M.B.; Pasha S.K.K.; Al-Maadeed M.A.-A.	Flexible, biodegradable and recyclable solar cells: a review	Journal of Materials Science: Materials in Electronics	SAS	February	Dr. Khadheer Pasha Sk	70012	70	Review
26	Reddy K.M.; Chand A.K.B.	Constrained univariate and bivariate rational fractal interpolation	International Journal for Computational Methods in Engineering Science and Mechanics	SAS	September	Dr. Komandla Mahipal Reddy	70097	8	Article
27	Sagar N.; Afzal T.	English language teaching through eclectic approach for engineering students	International Journal of Recent Technology and Engineering	VISH	February	Dr. R Thahiya Afzal	70010	2	Article

28	Kumar J.; Kumar R.; Basu B.; Talukdar F.A.; Kumar A.	Design Challenges of Rectenna for Energy Harvesting from Microwave Pollution	Asian Journal of Water, Environment and Pollution	SENSE	April	Dr. Jayendra Kumar	70077	1	Article
29	Panda D.K.; Lenka T.R.	Linearity improvement in E-mode ferroelectric GaN MOS-HEMT using dual gate technology	Micro and Nano Letters	SENSE	May	Dr. Deepak Kumar Panda	70074	26	Article
30	Suresh Kumar N.; Mallikharjuna Rao K.; Kothuru M.; Narasimha Rao Y.	Multi-dimensional parametric assessment with IoT in acquaintance of digital pipeline	International Journal of Electrical and Computer Engineering	SCOPE	November	Dr. Mallikharjuna Rao K	No	8	Article
31	Karmakar S.; Sudhakar R.; Mudiganti J.C.; Seshadri R.; Kartikeyan M.V.	Electrical and Thermal Design of a W-Band Gyrotron Interaction Cavity	IEEE Transactions on Plasma Science	SENSE	July	Dr. Jagadish Chandra Mudiganti	70014	9	Article
32	Suganya P.; Pradeep Reddy C.H.	MMRP: Multi metric based routing protocol for streaming qos guaranteed multimedia data over 802.11n, 802.11b & 802.11g	International Journal on Emerging Technologies	SCOPE	November	C.H. Pradeep Reddy	70008	0	Article
33	Badgayan N.D.; Sahu S.K.; Samanta S.; Sreekanth P.S.R.	Evaluation of Dynamic Mechanical and Thermal Behavior of HDPE Reinforced with MWCNT/h-BNNP: An Attempt to Find Possible Substitute for a Metallic Knee in Transfemoral Prosthesis	International Journal of Thermophysics	SMEC	October	Dr. P S Rama Sreekanth	70020	40	Article

34	Satapathy S.K.; Mishra S.; Sundeep R.S.; Teja U.S.R.; Mallick P.K.; Shruti M.; Shravya K.	Deep learning based image recognition for vehicle number information	International Journal of Innovative Technology and Exploring Engineering	SCOPE	June	Dr. Shruti Mishra	No	14	Article
35	Seth G.S.; Bhattacharyya A.; Kumar R.; Mishra M.K.	Modeling and numerical simulation of hydromagnetic natural convection Casson fluid flow with nth-order chemical reaction and Newtonian heating in porous medium	Journal of Porous Media	SAS	October	Dr. Manoj Kumar Mishra	70064	71	Article
36	Ahmad J.; Rehman W.U.; Deshmukh K.; Basha S.K.; Ahamed B.; Chidambaram K.	Recent Advances in Poly (Amide-B-Ethylene) Based Membranes for Carbon Dioxide (CO2) Capture: A Review	Polymer-Plastics Technology and Materials	SAS	March	Dr. Khadheer Pasha Sk	70012	34	Review
37	Kondasani R.K.R.; Panda R.K.; Basu R.	Better healthcare setting for better healthcare service quality: An empirical analysis of Indian consumers' perspective	International Journal of Quality and Reliability Management	VSB	October	Kondasani, Rama Koteswara Rao	No	6	Article
38	Shareef S.N.M.; Chidambaram K.; Pasha S.K.K.	Structure, morphology and dielectric properties of hexagonal boron nitride nanoparticles reinforced biopolymer nanocomposites	Polymer-Plastics Technology and Materials	SAS	July	Dr. Khadheer Pasha Sk	70012	15	Article
39	Gnanasigamani L.J.; Hari S.	Deep learning based crime investigation framework	International Journal of Scientific and Technology Research	SCOPE	May	Dr. Hari Seetha	70003	1	Article

40	Sarkar A.K.; Tan Z.-H.; Tang H.; Shon S.; Glass J.	Time-Contrastive Learning Based Deep Bottleneck Features for Text-Dependent Speaker Verification	IEEE/ACM Transactions on Audio Speech and Language Processing	SENSE	August	Dr. A.K. Sarkar	No	24	Article
41	Gnanasigamani L.J.; Hari S.	Small area crime prediction using deep neural net	Test Engineering and Management	SCOPE	May	Dr. Hari Seetha	70003	1	Article
42	Sivaraj R.; Benazir A.J.; Srinivas S.; Chamkha A.J.	Investigation of cross-diffusion effects on Casson fluid flow in existence of variable fluid properties	European Physical Journal: Special Topics	SAS	May	Dr. S Srinivas	70004	30	Article
43	Gu Z.-Z.; Tian Y.; Geng H.-Z.; Rhen D.S.; Ethiraj A.S.; Zhang X.; Jing L.-C.; Wang T.; Xu Z.-H.; Yuan X.-T.	Highly conductive sandwich-structured CNT/PEDOT:PSS/CNT transparent conductive films for OLED electrodes	Applied Nanoscience (Switzerland)	SAS	November	Dr. Anita Sagadevan Ethiraj	70091	47	Article
44	Ranjan K.K.; Kumar S.; Tyagi A.; Sharma A.	An adaptive wavelet Galerkin scheme for solving contact problems based on elliptic variational inequalities of the first kind	Engineering Computations (Swansea, Wales)	SMEC	May	Dr. Ambuj Sharma	70069	3	Article
45	Saha R.; Bhowmick B.; Baishya S.	Deep insights into electrical parameters due to metal gate WFV for different gate oxide thickness in Si step FinFET	Micro and Nano Letters	SENSE	March	Dr. Rajesh saha	No	5	Article

46	Pavan Kumar Y.V.	Overview on role of asset management systems for smart microgrids	International Journal of Scientific and Technology Research	SENSE	November	Dr. Y V Pavan Kumar	70049	4	Article
47	Muthuraj R.; Srinivas S.; Shukla A.K.; Immaculate D.L.	Effects of non-Darcian and temperature dependent heat source on two-phase flow in a vertical porous space with thermal radiation	Heat Transfer - Asian Research	SAS	August	Dr. S Srinivas	70004	6	Article
48	Kumar J.; Basu B.; Talukdar F.A.; Nandi A.	Stable-multiband frequency reconfigurable antenna with improved radiation efficiency and increased number of multiband operations	IET Microwaves, Antennas and Propagation	SENSE	April	Dr. Jayendra Kumar	70077	34	Article
49	Saha R.; Bhowmick B.; Baishya S.	Quantum modeling of threshold voltage in Ge dual material gate (DMG) FinFET	Solid-State Electronics	SENSE	March	Dr. Rajesh saha	No	5	Article
50	Ashok J.; Kostrzewa M.; Ingram A.; Nalluri P.; Venkatramaiah N.; Srinivasa Reddy M.; Ravi Kumar V.; Veeraiah N.	Structural and physical characteristics of Au2O3-doped sodium antimonate glasses – Part II electrical characteristics	Journal of the American Ceramic Society	SENSE	April	Nalluri, Purnachand	70027	21	Article
51	Patel S.; Dhuli R.; Lall B.	Analysis of Signals via Non-Maximally Decimated Non-Uniform Filter Banks	IEEE Transactions on Circuits and Systems I: Regular Papers	SENSE	October	Dr. Ravindra Dhuli	70053	17	Article

52	Mandava S.; Gudipalli A.; Ch P.R.	Protection of Dc-micro grid from multiple line and ground faults	International Journal of Innovative Technology and Exploring Engineering	SCOPE	June	Dr. Ch Pradeep Reddy	70008	0	Article
53	Senthilkumar N.C.; Pradeep Reddy C.	Collaborative Search Engine for Enhancing Personalized User Search Based on Domain Knowledge	Journal of Medical Systems	SCOPE	August	Dr. Ch Pradeep Reddy	70008	9	Article
54	Mallikharjuna Rao K.	Development of cluster-based multiprocessor systems with analytical model: A approach	Journal of Communications	SCOPE	November	Dr. Mallikharjuna Rao K	No	0	Article
55	Pal M.K.	Effect of ambient fuel vapour concentration on the liquid length and air-fuel mixing of an evaporating spray	Fuel	SMEC	February	Dr. Manas Kumar Pal	70139	14	Article
56	Muraliraja R.; Sudagar J.; Elansezhian R.; Raviprakash A.V.; Dhinakaran R.; Shaisundaram V.S.; Chandrasekaran M.	Estimation of Zwitterionic Surfactant Response in Electroless Composite Coating and Properties of Ni–P–CuO (Nano)Coating	Arabian Journal for Science and Engineering	SAS	February	Sudagar J.	70033	37	Article
57	Pratyusha N.; Mandal S.	Realization of memory effect on hysteresis lobe area of the TiO2 based HP memristor	International Journal of Innovative Technology and Exploring Engineering	SAS	July	Dr. Santanu Mandal	70030	3	Article

58	Jani Basha S.; Kostrzewa M.; Ingram A.; Reddy A.S.S.; Purnachand N.; Kumar V.R.; Piasecki M.; Veeraiah N.	Structural and physical properties of MnO mixed lead zirconium silicate glass ceramics: Dielectric relaxation spectra and conduction phenomena	Journal of Non-Crystalline Solids	SENSE	October	Dr. Purnachand Nalluri	70027	12	Article
59	Sethuraman S.C.; Dhamodara S.; Vijayakumar V.	Intrusion detection system for detecting wireless attacks in IEEE 802.11 networks	IET Networks	SCOPE	July	Dr. Sibi Chakkaravarthy S	70084	31	Article
60	Sumathi D.; Selvaraj P.; Burugari V.K.	Principal component analysis for dimensionality reduction for animal classification based on LR	International Journal of Innovative Technology and Exploring Engineering	SCOPE	August	Dr. D Sumathi	70122	5	Article
61	Saha R.; Vanlalawmpuia K.; Bhowmick B.; Baishya S.	Deep insight into DC, RF/analog, and digital inverter performance due to variation in straggle parameter for gate modulated TFET	Materials Science in Semiconductor Processing	SENSE	March	Rajesh Saha	No	30	Article
62	Venkata Ramana J.; Hanuma Reddy D.; Venkateswara Kumar K.S.; Sirisha K.	An empirical study on marketing of handloom fabrics in Andhra Pradesh (A case study with reference to Guntur district)	International Journal of Innovative Technology and Exploring Engineering	VSB	June	Mr. Danda Hanuma Reddy (Scholar)	No	10	Article
63	Kumar V.R.; Purnachand N.; Srinivasa Rao K.; Naga Raju G.; Kumar V.R.	Structural influence of yttria, scandia and hafnia on emission features of samarium ions in lead antimonate glass system	Optical Materials	SENSE	September	Dr. Purnachand Nalluri	70027	2	Article

64	Arivudainambi D.; K.A. V.K.; S. S.C.; Visu P.	Malware traffic classification using principal component analysis and artificial neural network for extreme surveillance	Computer Communications	SCOPE	November	Dr. Sibi Chakkaravarthy S	70084	87	Article
65	Mishra A.K.; Tiwari S.K.; Gowda S.C.M.; Singh P.	Performance Analysis of Bidirectional Multiuser Multirelay Transmission Systems with Channel Estimation Error and Hardware Impairment	IEEE Transactions on Vehicular Technology	SENSE	September	Dr. Anoop Kumar Mishra	70060	10	Article
66	Gupta S.; Parne B.L.; Chaudhari N.S.	SRGH: A secure and robust group-based handover AKA protocol for MTC in LTE-A networks	International Journal of Communication Systems	SENSE	July	Dr. Balu Laxman Parne	No	12	Article
67	Kumar K.C.; Kaleemulla S.; Krishnamoorthi C.; Rao N.M.; Rao G.V.	Evidence of Room Temperature Ferromagnetism in Zn1−xSnxS Thin Films	Journal of Superconductivity and Novel Magnetism	SAS	June	Rao, N. Madhusudhana	70005	21	Article
68	Karthikeyan S.; Seetha H.; Manimegalai R.	An efficient toilet queue based scheduling model for deadline based jobs in multi-node hadoop clusters	Journal of Advanced Research in Dynamical and Control Systems	SCOPE	January	Dr. Karthikeyan S	70035	1	Article
69	Reddy P.L.; Deshmukh K.; Chidambaram K.; Ali M.M.N.; Sadasivuni K.K.; Kumar Y.R.; Lakshmipathy R.; Pasha S.K.K.	Dielectric properties of polyvinyl alcohol (PVA) nanocomposites filled with green synthesized zinc sulphide (ZnS) nanoparticles	Journal of Materials Science: Materials in Electronics	SAS	March	Dr. Khadheer Pasha Sk	70012	179	Article

70	Sahu D.; Kar A.K.; Pattanaik A.K.; Sreekanth P.S.R.; Badgayan N.D.	Synthesis and applications of thieno[3,4-c]pyrrole-4,6-dione based linear to star-burst novel D–A conjugated oligomers for organic photovoltaics	SN Applied Sciences	SMEC	January	Sreekanth, P. S. Rama	70020	5	Article
71	Mishra V.N.; Pandey S.	Certain modifications of (P, operator q)-Szász-Mirakyan	Azerbaijan Journal of Mathematics	SAS	December	Pandey, Shikha	No	6	Article
72	Tembhare A.; Sibi Chakkaravarthy S.; Sangeetha D.; Vaidehi V.; Venkata Rathnam M.	Role-based policy to maintain privacy of patient health records in cloud	Journal of Supercomputing	SCOPE	September	Dr. Sibi Chakkaravarthy S	70084	29	Article
73	Tian Y.; Wang T.; Geng H.-Z.; Ethiraj A.S.; Gu Z.-Z.; Jing L.-C.; Yuan X.-T.; Zhao H.; Wen J.-G.; Xu Z.-H.	Improved resistance stability of transparent conducting films prepared by PEDOT: PSS hybrid CNTs treated by a two-step method	Materials Research Express	SAS	October	Dr. Anita Sagadevan Ethiraj	70091	4	Article
74	Mishra M.K.; Seth G.S.; Sharma R.	Navier's Slip Effect on Mixed Convection Flow of Non-Newtonian Nanofluid: Buongiorno's Model with Passive Control Approach	International Journal of Applied and Computational Mathematics	SAS	August	Mishra M.K	70064	16	Article
75	Sadasivuni K.K.; Cabibihan J.-J.; Deshmukh K.; Goutham S.; Abubasha M.K.; Gogoi J.P.; Klemenoks I.; Sakale G.; Sekhar B.S.; Rama Sreekanth P.S.; Rao K.V.; Knite M.	A review on porous polymer composite materials for multifunctional electronic applications	Polymer-Plastics Technology and Materials	SMEC	August	Dr. P S Rama Sreekanth	70020	50	Review

76	Sahu S.K.; Badgayan N.D.; Rama Sreekanth P.S.	Understanding the influence of contact pressure on the wear performance of HDPE/multi-dimensional carbon filler based hybrid polymer nanocomposites	Wear	SMEC	November	Dr. P S Rama Sreekanth	70020	43	Article