M V G R COLLEGE OF ENGINEERING(A)
Chintalavalasa, Vizianagaram-535005
Accredited by NAAC with 'A' Grade & Listed u/s 2(f) & 12(B) of UGC
(Approved by AICTE, New Delhi and Permanently Affiliated by JNTUK-Kakinada)

3.4.6.
Bibliometrics of the publications during the last five years based on Scopus/ Web of Science – h-index of the Institution

INDEX

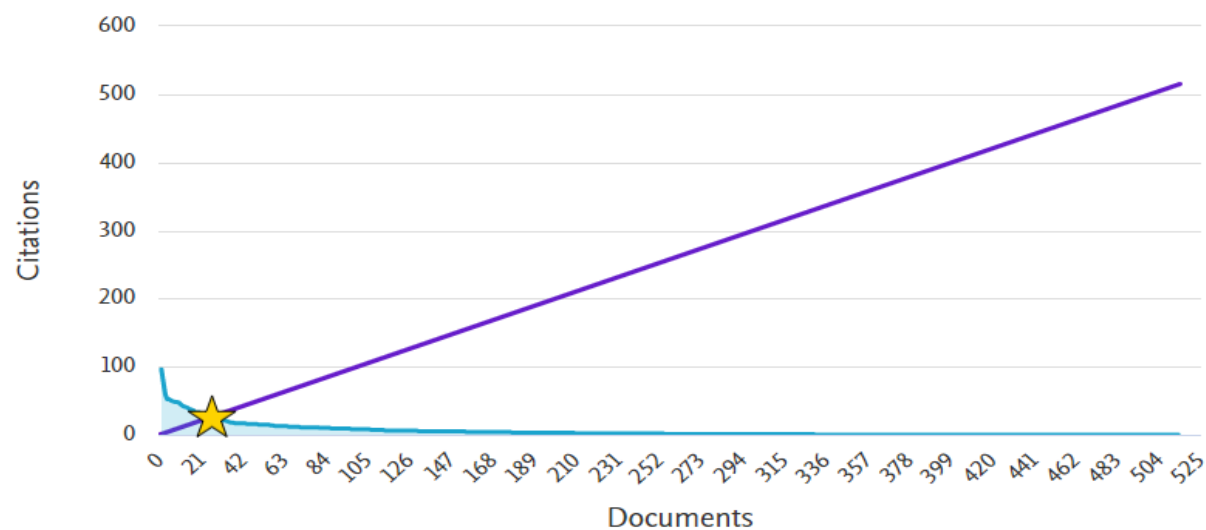Bibiliometrics of publications based on Scopus/ Web of Science - h-index of the Institution :

MAHARAJ VIJAYARAM GAPATHI RAJ COLLEGE OF ENGINEERING(AUTONOMOUS)

Vijayaram Nagar Campus, Chintalavalasa, Vizianagaram-535005, Andhra Pradesh
NBA Accredited UG Courses: B.Tech(MEC), B.Tech(CIV), B.Tech(EEE), B.Tech(ECE), B.Tech(CSE), B.Tech(IT),
B.Tech(MEC) & B.Tech(CHE) and PG Course: MBA

MVGR College of Engineering

Vijayaram Nagar campus, Chintalavalasa, Vizianagaram, AP, India

Affiliation ID:	60078723
Total Documents	**514**
Total Citations	2813
Total Authors	249
H Index	27

Of the documents considered for the *h*-index, 27 have been cited at least 27 times

Sl. No.	Publicatio	Document Title	Authors	ISSN	Journal Title	Volume	Issue	Citations
1	2021	DEC fuel cell-based universal power compensator for dual PCC system	Patnaik N., Panda A.K., Mohanty P.R., Pandey R.	20507038	International Transactions on Electrical Energy Systems			0
2	2021	Planning and teaching design thinking online	Chilukuri K.C.	23492473	Journal of Engineering Education Transformations	34		0
3	2021	Finite-element simulation of vehicle impact on a column in a reinforced concrete-framed structure	Ganesan P., Ramsagar B.	15630854	Asian Journal of Civil Engineering			0

4	2021	Land Base and Digital Elevation Model Creation Using Unmanned Aerial Vehicle	Varaprasad A., Haritha K., Soz S.S., Achari S.C.	23662557	Lecture Notes in Civil Engineering	104		0
5	2021	Effect of Excessive Alchol on Liver: A Comprehensive Approach Using Machine Learning	Rama Santosh Naidu P., Lavanya Devi G.	18761100	Lecture Notes in Electrical Engineering	698		0
6	2021	Role of Advanced Glycated End Products (AGEs) in Predicting Diabetic Complications Using Machine Learning Tools: A Review from Biological Perspective	Battula V.K., Satheesh P., Srinivas B., Chandra Sekhar A., Aswini Sujatha V.	18761100	Lecture Notes in Electrical Engineering	698		0
7	2021	Prediction of Guava Plant Diseases Using Deep Learning	Srinivas B., Satheesh P., Rama Santosh Naidu P., Neelima U.	18761100	Lecture Notes in Electrical Engineering	698		0
8	2021	Image classifiers and image deep learning classifiers evolved in detection of Oryza sativa diseases: survey	Goluguri N.V.R.R., Suganya Devi K., Vadaparthi N.	2692821	Artificial Intelligence Review	54	1	0
9	2020	Efficient Scalable Video Coding Method Using Discrete Bandelet Transform	Patnaik Y., Patra D.	2180014	International Journal of Pattern Recognition and Artificial Intelligence	34	14	0
10	2020	Green synthesis and characterization of silver nano particles	Sastry S.V.A.R.	24767204	Journal of Water and Environmental Nanotechnology	5	1	1
11	2020	A novel method to improve vertical accuracy of CARTOSAT DEM using machine learning models	Kasi V., Yeditha P.K., Rathinasamy M., Pinninti R., Landa S.R., Sangamreddi C., Agarwal A., Dandu Radha P.R.	18650473	Earth Science Informatics	13	4	1
12	2020	Inter-comparison of gauge-based gridded data, reanalysis and satellite precipitation product with an emphasis on hydrological modeling	Setti S., Maheswaran R., Sridhar V., Barik K.K., Merz B., Agarwal A.	20734433	Atmosphere	11	11	0
13	2020	Accounting for temporal variability for improved precipitation regionalization based on self-organizing map coupled with information theory	Guntu R.K., Maheswaran R., Agarwal A., Singh V.P.	221694	Journal of Hydrology	590		2

14	2020	Comparative Study of Conjugate Heat Transfer Characteristics in Chevron Corrugated Plate Heat Exchanger Using CuO Nanocoolant	Dora N., Mendu S.S., Lakshmipati Raju B.	2193567X	Arabian Journal for Science and Engineering	45	11	1
15	2020	Comparison of different digital elevation models for drainage morphometric parameters: a case study from South India	Kasi V., Pinninti R., Landa S.R., Rathinasamy M., Sangamreddi C., Kuppili R.R., Dandu Radha P.R.	18667511	Arabian Journal of Geosciences	13	19	0
16	2020	Unique Structure-Induced Magnetic and Electrochemical Activity in Nanostructured Transition Metal Tellurates $Co_{1-X}Ni_xTeO_4$ (x = 0, 0.5, and 1)	Patel A.K., Panda M.R., Rani E., Singh H., Samatham S.S., Nagendra A., Jha S.N., Bhattacharyya D., Suresh K.G., Mitra S.	25740962	ACS Applied Energy Materials	3	9	1
17	2020	A novel approach of designing insubstantial ava operating in uwb for gpr applications	Ushasree A., Agarwal V., Satyanarayana M.	23473983	International Journal of Emerging Trends in Engineering Research	8	9	0
18	2020	Techno-economic comparative analysis between grid-connected and stand-alone integrated energy systems for an educational institute	Mendu S.S., Appikonda P., Emadabathuni A.K., Koritala N.	21890420	Evergreen	7	3	1
19	2020	$Co_{0.5-x}Cu_xZn_{0.5}Fe_2O_4$ ($0 \le x \le 0.25$) nano crystalline ferrites: Structural, magnetic and electric properties	Vara Prasad B.B.V.S., Ramesh K.V., Srinivas A.	12932558	Solid State Sciences	107		0
20	2020	Development of offset microstrip line fed patch antenna for 4.9 ghz public safety wlan	Sudhakar A., Sunil Prakash M., Satyanarayana M.	23473983	International Journal of Emerging Trends in Engineering Research	8	8	0
21	2020	Simulations for the flow of viscoplastic fluids in a cavity driven by the movement of walls by Lattice Boltzmann Method	Mendu S.S., Das P.K.	1226119X	Korea Australia Rheology Journal	32	3	0
22	2020	Attribution of Hydrologic Changes in a Tropical River Basin to Rainfall Variability and Land-Use Change: Case Study from India	Setti S., Maheswaran R., Radha D., Sridhar V., Barik K.K., Narasimham M.L.	10840699	Journal of Hydrologic Engineering	25	8	5

23	2020	Critical behavior, universality class and magneto-transport properties of Ni$_2$MnIn	Patel A.K., Samatham S.S., K. G.S.	255408	Materials Research Bulletin	128		0
24	2020	Spatiotemporal variability of Indian rainfall using multiscale entropy	Guntu R.K., Rathinasamy M., Agarwal A., Sivakumar B.	221694	Journal of Hydrology	587		3
25	2020	Feature reduction and optimization of malware detection system using ant colony optimization and rough sets	Penmatsa R.K.V., Kalidindi A., Kumar Reddy Mallidi S.	19301650	International Journal of Information Security and Privacy	14	3	1
26	2020	Segmentation of Multi-Modal MRI Brain Tumor Sub-Regions Using Deep Learning	Srinivas B., Sasibhushana Rao G.	19750102	Journal of Electrical Engineering and Technology	15	4	0
27	2020	Performance of cement mix plus and styrene butadiene rubber polymers in slag based concrete	Naga Rajesh K., Markandaya Raju P., Mishra K., Srinivasa Rao P.	22496890	International Journal of Mechanical and Production Engineering Research and Development	10	3	0
28	2020	Kinetic studies on simultaneous biosorption of divalent copper and hexavalent chromium using mallet flower leaf powder	Padma D.V., Sastry S.V.A.R.	24767204	Journal of Water and Environmental Nanotechnology	5	3	0
29	2020	A current controlled DEC-DTC approach for QZSI-FED five-phase induction motor drive system	Pandey R., Panda A.K., Patnaik N.	20856830	International Journal on Electrical Engineering and Informatics	12	2	0
30	2020	Settlement analysis of pile cap with normal and under-reamed piles	Kumar M.P., Markandeya Raju P., Vincent Jasmine G., Aditya M.	15988198	Computers and Concrete	25	6	0
31	2020	Forecasting of extreme flood events using different satellite precipitation products and wavelet-based machine learning methods	Yeditha P.K., Kasi V., Rathinasamy M., Agarwal A.	10541500	Chaos	30	6	3
32	2020	Mli technique for placement and sizing of dg for minimum line losses	Sasi Kumar G., Sarat Kumar S., Jayaram Kumar S.V.	9766545	International Journal of Electrical Engineering and Technology	11	4	0
33	2020	Magnetic Properties of Cu^{2+} Substituted Ni–Zn Nano-Crystalline Ferrites Synthesized in Citrate-Gel Route	Venkatesh D., Vara Prasad B.B.V.S., Ramesh K.V., Ramesh M.N.V.	15741443	Journal of Inorganic and Organometallic Polymers and Materials	30	6	1

34	2020	Existence results for positive solutions to iterative systems of four-point fractional-order boundary value problems in a Banach space	Prasad K.R., Krushna B.M.B., Wesen L.T.	17935571	Asian-European Journal of Mathematics	13	4	0
35	2020	Optimal design of hydrometric station networks based on complex network analysis	Agarwal A., Marwan N., Maheswaran R., Ozturk U., Kurths J., Merz B.	10275606	Hydrology and Earth System Sciences	24	5	5
36	2020	Withdrawal of Mn(II) from aqueous solution using low cost adsorbents: Isothermal, kinetic and ANN modeling studies	Kumar G.V.S.R.P., Avinash M.K., Bharath Y.	194522	Journal of the Indian Chemical Society	97	5	0
37	2020	Eigenvalues for iterative systems of Riemann–Liouville type p-Laplacian fractional-order boundary-value problems in Banach spaces	Krushna B.M.B.	22383603	Computational and Applied Mathematics	39	2	1
38	2020	Iridology based vital organs malfunctioning identification using machine learning techniques	Madhusudhana Rao T.V., Srinivasa Rao P., Latha Kalyampudi P.S.	20054238	International Journal of Advanced Science and Technology	29	5	0
39	2020	Disorder-induced critical exponents near a ferromagnetic quantum critical point in M n1-x C rxSi	Mishra A.K., Shanmukharao Samatham S., Lees M.R., Ganesan V.	24699950	Physical Review B	101	14	0
40	2020	Performance analysis of squashed twin band mimo array for wireless communication systems	Vidyavathi T., Radha Kumari G., Subhadra Devi U.N., Muinuddin Chisti M.K.	20054238	International Journal of Advanced Science and Technology	29	5	0
41	2020	A novel miniature hexagonal shape switched pattern and frequency reconfigurable antenna	Chandra K.V., Satyanarayana M., Battula K.T.	10745351	International Journal of Communication Systems	33	5	4
42	2020	Wavelet entropy-based evaluation of intrinsic predictability of time series	Guntu R.K., Yeditha P.K., Rathinasamy M., Perc M., Marwan N., Kurths J., Agarwal A.	10541500	Chaos	30	3	8
43	2020	Experimental investigation on modification of rheological parameters of bitumen by using waste plastic bottles	Ponnada S., Vamsi Krishna K.	22147853	Materials Today: Proceedings	32		0

44	2020	Investigation on mechanical properties of composite concrete containing untreated sea sand and quarry dust for 100% replacement of fine aggregate	Ponnada S., Sankar Cheela V.R., Gopala Raju S.S.S.V.	22147853	Materials Today: Proceedings	32		0
45	2020	X-band radar-absorbing structures based on MWCNTs/NiZn ferrite nanocomposites	Siva Nagasree P., Ramji K., Naidu M.K., Shami T.C.	14658011	Plastics, Rubber and Composites			0
46	2020	A novel DeepCNN model for denoising analysis of MRI brain tumour images	Srinivas B., Rao G.S.	17515858	International Journal of Intelligent Information and Database Systems	13	2-4	0
47	2020	Characterising the conversion of transesterification reaction by modelling of glycerol-rich phase	Sastry S.V.A.R., Rao K.V.	14789876	International Journal of Environment and Waste Management	26	3	0
48	2020	Rice-net: an efficient artificial fish swarm optimization applied deep convolutional neural network model for identifying the Oryza sativa diseases	Goluguri N.V.R.R., Devi K.S., Srinivasan P.	9410643	Neural Computing and Applications			1
49	2020	Structural, Magnetic and DC Electrical Resistivity Studies of Ni–Zn–Cr Ferrites Prepared by the Citrate-Gel Auto-Combustion Method	Sivaram Prasad M., Vara Prasad B.B.V.S., Ramesh K.V., Rajesh Babu B.	15741443	Journal of Inorganic and Organometallic Polymers and Materials			0
50	2020	Design and Analysis of Slot Coupled Antenna on Different Dielectric Materials	Anjaneyulu G., Siddartha Varma J.	18761100	Lecture Notes in Electrical Engineering	648		0
51	2020	An experimental study on assessment of strength of epoxy bond between steel and roughened concrete interface	Raju P.M.	19853807	Malaysian Construction Research Journal	30	1	0
52	2020	A novel framework for active learning in engineering education mapped to course outcomes	Chilukuri K.C.	18770509	Procedia Computer Science	172		0

53	2020	[Novel method of determining the periodontal regenerative capacity of T-PRF and L-PRF: An immunohistochemical study, Nowa metoda określania periodontologicznego potencjału regeneracyjnego T-PRF i L-PRF – Badanie immunohistochemiczne]	Bhattacharya H.S., Gummaluri S.S., Astekar M., Gummaluri R.K.	1644387X	Dental and Medical Problems	57	2	0
54	2020	Chemical sensing through cogno-monitoring system for air quality evaluation	Prathyusha K., Chakravarthy A.S.N.	1860949X	Studies in Computational Intelligence	885		0
55	2020	Feature selection and performance improvement of malware detection system using cuckoo search optimization and rough sets	Varma R.K.P., Raju P., Raju K.V.S., Kalidindi A.	2158107X	International Journal of Advanced Computer Science and Applications	11	5	0
56	2020	A Novel Method for Indian Vehicle Registration Number Plate Detection and Recognition using Image Processing Techniques	Varma P.R.K., Ganta S., Hari Krishna B., Svsrk P.	18770509	Procedia Computer Science	167		0
57	2020	Synthesis of low sidelobe radiation patterns from embedded dipole arrays using genetic algorithm	Anjaneyulu G., Siddartha Varma J.	23674512	Lecture Notes on Data Engineering and Communications Technologies	39		0
58	2020	An efficient codebook generation using firefly algorithm for optimum medical image compression	Rani M.L.P., Rao G.S., Rao B.P.	18685137	Journal of Ambient Intelligence and Humanized Computing			1
59	2020	Medical image compression using ANN model	Laxmi Prasanna Rani M., Sasibhushana Rao G., Prabhakara Rao B.	9758364	International Journal on Emerging Technologies	11	1	0
60	2020	Optimal Selection of Insulating Material for Energy Conservation in Steam Pipe Using Analytical Hierarchy Process	Siva Subrahmanyam M., Aparna Devi I., Jagadeesh B.	21954356	Lecture Notes in Mechanical Engineering			0
61	2020	Fibre Reinforced Polymer (FRP) Nanocomposites for Radar Absorption Application in the X-Band	Nagasree P.S., Ramji K., Murthy K.K., Kannam Naidu M., Haritha T.	21954356	Lecture Notes in Mechanical Engineering			3

62	2020	WLAN band rejected UWB antenna with rectangular and star DGS	Sudhakar A., Sunil Prakash M., Satyanarayana M.	22778616	International Journal of Scientific and Technology Research	9	1	0
63	2020	Finite Element Simulation of Impact on RCC Water Tank	Ganesan P., Jagadeesh Babu M.V.A.N., Nizamuddin M., Sai Ram Kiran T.	23662557	Lecture Notes in Civil Engineering	38		0
64	2020	Design of uniform linear practical antenna arrays for ultralow	Varma T.A.N.S.N., Anjaneyulu G.	18761100	Lecture Notes in Electrical Engineering	546		0
65	2020	A compact wideband polygon patch antenna for KU-band applications	Anjaneyulu G., Varma T.A.N.S.N., Siddartha Varma J.	18761100	Lecture Notes in Electrical Engineering	546		0
66	2019	Performance analysis of conical dielectric resonator antenna with various feeding techniques	Rajasekhar N., Reddy R.R., Kumari R., Sowjanya R.		2019 IEEE Indian Conference on Antennas and Propagation, InCAP 2019			0
67	2019	Security on Data Auditing Protocols for Cloud Storage Data	Krishna B.S.V., Rao S.S., Prasad M.H.M.K.		Proceedings of the 3rd International Conference on I-SMAC IoT in Social, Mobile, Analytics and Cloud, I-SMAC 2019			0
68	2019	Wavelet analysis of precipitation extremes over India and teleconnections to climate indices	Rathinasamy M., Agarwal A., Sivakumar B., Marwan N., Kurths J.	14363240	Stochastic Environmental Research and Risk Assessment	33	11-12	5
69	2019	Side lobe pattern synthesis using hybrid SSWOA algorithm for conformal antenna array	Prabhakar D., Satyanarayana M.	22150986	Engineering Science and Technology, an International Journal	22	6	3
70	2019	Network-based identification and characterization of teleconnections on different scales	Agarwal A., Caesar L., Marwan N., Maheswaran R., Merz B., Kurths J.	20452322	Scientific Reports	9	1	10
71	2019	Coexistence of spin semimetal and Weyl semimetal behavior in FeRhCrGe	Venkateswara Y., Samatham S.S., Babu P.D., Suresh K.G., Alam A.	24699950	Physical Review B	100	18	1
72	2019	Zr-substituted cobalt oxide nanoparticles: structural, magnetic and electrical properties	Alla S.K., Duvuru H.B., Shaw S.K., Prasad B.B.V.S.V., Kumar M.K., Meena S.S., Gupta N., Prasad N.K.	9574522	Journal of Materials Science: Materials in Electronics	30	22	0
73	2019	Magnetism and electronic structure of Gd_5Ge_2Sb: Experiment and theory	Samatham S.S., Patel A.K., Lukoyanov A.V., Suresh K.G.	9258388	Journal of Alloys and Compounds	806		0

74	2019	Critical behaviour and magnetocaloric properties of hexagonal MnCo$_{0.7}$Fe$_{0.3}$Ge	Pinninti S., Raju G.J.N.	20531591	Materials Research Express	6	11	0
75	2019	New artificial neural network models for bio medical image compression: Bio medical image compression	Vimala Kumari G., Sasibhushana Rao G., Prabhakara Rao B.	19478283	International Journal of Applied Metaheuristic Computing	10	4	0
76	2019	Magnetism of 3d and 4d doped Mn$_{0.7}$T$_{0.3}$NiGe (T = Fe, Co, Ru and Rh): Bulk magnetization and ab initio calculations	Samatham S.S., Patel A.K., Lukoyanov A.V., Baglasov E.D., Suresh K.G.	9538984	Journal of Physics Condensed Matter	31	49	0
77	2019	FE modelling of low velocity impact on RC and prestressed RC slabs	Ganesan P., Venkata Sai Kumar S.	12254568	Structural Engineering and Mechanics	71	5	0
78	2019	A framework for data security using cryptography and image steganography	Maram B., Gopisetty G.K.D., Srinivasa Rao P.	22783075	International Journal of Innovative Technology and Exploring Engineering	8	11	1
79	2019	An experimental study on some flexure rehabilitation methods of RC beams	Ponnada M.R., Madisetti P.K., Tammineni S.K.	15630854	Asian Journal of Civil Engineering	20	6	0
80	2019	Magnetic and dielectric properties of Zn substituted cobalt oxide nanoparticles	Bindu Duvuru H., Alla S.K., Shaw S.K., Meena S.S., Gupta N., Prasad B.B.V.S.V., Kothawale M.M., Kumar M.K., Prasad N.K.	2728842	Ceramics International	45	13	7
81	2019	Unravelling the spatial diversity of Indian precipitation teleconnections via a non-linear multi-scale approach	Kurths J., Agarwal A., Shukla R., Marwan N., Rathinasamy M., Caesar L., Krishnan R., Merz B.	10235809	Nonlinear Processes in Geophysics	26	3	11
82	2019	Effect of oxygenated fuels on performance, combustion, emission and vibration characteristics of a compression ignition engine	Budharaju M.V., Naradasu R.K., Guvvala P.	17597269	Biofuels	10	4	2
83	2019	A hybrid CNN-KNN model for MRI brain tumor classification	Srinivas B., Sasibhushana Rao G.	22773878	International Journal of Recent Technology and Engineering	8	2	1
84	2019	A research on sustainable micro-concrete	Naga Rajesh K., Rath M.K., Markandeya Raju P.	22773878	International Journal of Recent Technology and Engineering	8	2	0

85	2019	Effect of aqueous solutions of carboxymethyl cellulose on draining time in gravity driven flow	Vara Prasad C., Subbarao C.V., King P.	22773878	International Journal of Recent Technology and Engineering	8	2	0
86	2019	A frequency and polarization reconfigurable rectangular di-electric resonator antenna for cognitive radio applications.	Tulasi Ram B., Satyanarayana M.	22498958	International Journal of Engineering and Advanced Technology	8	5	0
87	2019	Performance measures of mimo system using Csrr loaded miniaturized microstrip patch antenna	Jyothsna B., Vali S.M., Kumar V.N.L.	22498958	International Journal of Engineering and Advanced Technology	8	5	0
88	2019	Performance Analysis of Compression Techniques Using LM Algorithm and SVD for Medical Images	Rani M.L.P., Rao G.S., Rao B.P.		2019 6th International Conference on Signal Processing and Integrated Networks, SPIN 2019			2
89	2019	Firefly algorithm based GDOP estimation for GPS applications	Rao G.S., Bagadi L.	22783075	International Journal of Innovative Technology and Exploring Engineering	8	7	0
90	2019	Effect of Ru substitution on structural, magnetic and transport behavior of $Ni_{50}Mn_{38}Sb_{12}$	Patel A.K., Samatham S.S., Yadav A.K., Jha S.N., Bhattacharyya D., Suresh K.G.	9258388	Journal of Alloys and Compounds	783		1
91	2019	Magnetic Field-Driven Spin-Flop Transition in Orthorhombic GdGa	Pinninti S., Raju G.J.N.	222291	Journal of Low Temperature Physics	195	1-2	0
92	2019	Gray scale medical image compression using SPIHT and SVD techniques	Laxmi Prasanna Rani M., Sasibhushana Rao G., Prabhakara Rao B.	22783075	International Journal of Innovative Technology and Exploring Engineering	8	6	0
93	2019	Model based approach for effective segmentation of images based on background subtraction	Tadiparthi P.K., Yerramalle S.	22498958	International Journal of Engineering and Advanced Technology	8	4	0
94	2019	Gray scale medical image compression using LM algorithm	Rao G.S., Rani M.L.P., Rao B.P.		2019 International Conference on Wireless Communications, Signal Processing and Networking, WiSPNET 2019			0
95	2019	Structural and magnetic studies on Co-Zn nanoferrite synthesized via sol-gel and combustion methods	Vara Prasad B.B.V.S., Ramesh K.V., Srinivas A.	20831331	Materials Science- Poland	37	1	2

96	2019	Physical, structural, morphological, magnetic and electrical properties of Co$_{0.5-x}$Ni$_x$Zn$_{0.5}$Fe$_2$O$_4$ nanocrystalline ferrites	Vara Prasad B.B.V.S., Ramesh K.V., Srinivas A.	2728842	Ceramics International	45	4	11
97	2019	Vehicle classification using LabVIEW	Srinivas B., Lavanya B.		Proceedings of the International Conference on Intelligent Sustainable Systems, ICISS 2019			0
98	2019	Enhanced approach on permissible data sets using swarm and genetic intelligence	Prasad V., Reddy G.N.V.R.	22773878	International Journal of Recent Technology and Engineering	7	5	0
99	2019	Revelation of spin glass behavior in Ru doped MnNiGe: Experiment and theory	Samatham S.S., Patel A.K., Lukoyanov A.V., Suresh K.G.	9538984	Journal of Physics Condensed Matter	31	12	1
100	2019	Optimization of process parameters for the removal of chromium (VI) from waste water using mixed adsorbent	Krishna D., Kumar G.S., Prasada Raju D.R.	17272394	International Journal of Applied Science and Engineering	16	3	0
101	2019	An Integrated Approach for Quality of Service (QoS) with Security in VANETs	Kalyana Chakravarthy C., Vinod Kumar Y.	23674512	Lecture Notes on Data Engineering and Communications Technologies	15		0
102	2019	Comparative study of polymer-based nanocomposites microwave absorption performance in X-band	Santhosi B.V.S.R.N., Ramji K., Rao N.B.R.M., Naidu M.K.	20531591	Materials Research Express	7	1	4
103	2019	A survey on privacy preserving schemes and performance with multiple and individual data sets	Ravi Kanth R., Prem Jacob T.	23945125	Journal of Critical Reviews	6	4	0
104	2019	Hybrid approach using ANN and SVD for medical image compression	Laxmi Prasanna Rani M., Sasibhushana Rao G., Prabhakara Rao B.	1943023X	Journal of Advanced Research in Dynamical and Control Systems	11	6	0
105	2019	Weber's law based camera response model for low light image contrast enhancement	Rao G.S., Srikrishna A., Vadaparthi N.	2185310X	International Journal of Intelligent Engineering and Systems	12	5	0
106	2019	Design of polarization and frequency reconfigurable rectangular patch antenna for cognitive radio applications	Chandra K.V., Sathyanarayana M., Krishna B.T.	1943023X	Journal of Advanced Research in Dynamical and Control Systems	11	1	0
107	2019	Study on the utilisation of quartzite as replacement for coarse aggregate in concrete	Shareef U., Gopala Raju S.S.S.V., Sankar Cheela V.R.	14789876	International Journal of Environment and Waste Management	24	1	0

No.	Year	Title	Authors	ISSN	Journal			
108	2019	Combined fuzzy local binary pattern and wavelet transform features for defect detection of 11/33 kV overhead power line insulators	Surya Prasad P., Prabhakara Rao B.	22783075	International Journal of Innovative Technology and Exploring Engineering	8	5	0
109	2019	A novel back lobe reduction technique for microstrip antenna array using partial ground and DGS	Kumar V.N.L., Satyanarayana M., Singh S.P.	2185310X	International Journal of Intelligent Engineering and Systems	12	2	0
110	2019	Effects of post-weld heat treatment on microstructure and mechanical behavior of friction stir welded thick section Al–Zn–Mg–Cu alloy	Ramakrishna T., Srinivasa Rao S., Swami Naidu G.	21954356	Lecture Notes in Mechanical Engineering			0
111	2019	Wideband printed log-periodic dipole antenna	Ramana B.V., Mallikarjuna Rao P., Satyanarayana M.	1943023X	Journal of Advanced Research in Dynamical and Control Systems	11	1	0
112	2019	Vibration control of 6 dof three-wheeler using pid controller	Rajesh R., Rao S.S.	21954356	Lecture Notes in Mechanical Engineering			1
113	2019	A review on utilization of crumb rubber in various ingredients of concrete	Naveen Kumar S., Rath M.K., Markandeya Raju P.	22773878	International Journal of Recent Technology and Engineering	7	5	0
114	2019	Design of cylindrical dielectric resonator antenna array for applications at 9 GHz	Sudhakar A., Sunil Prakash M., Satyanarayana M.	22783075	International Journal of Innovative Technology and Exploring Engineering	8	5	0
115	2019	Experimental study on performance of M30 grade concrete by partial replacement with fly ash and granite powder	Singh R.P., Rajasekhar K., Adiseshu S.	23662557	Lecture Notes in Civil Engineering	25		0
116	2019	New random noise denoising method for biomedical image processing applications	Sasibhushana Rao G., Vimala Kumari G., Prabhakara Rao B.	22129391	Lecture Notes in Computational Vision and Biomechanics	30		0
117	2019	Performance evaluation of DCT, DWT and SPIHT techniques for medical image compression	Laxmi Prasanna Rani M., Sasibhushana Rao G., Prabhakara Rao B.	22129391	Lecture Notes in Computational Vision and Biomechanics	30		0
118	2019	A prototype for semantic knowledge retrieval from educational ontology using RDF and SPARQL	Mahaboob Hussain S., Kanakam P., Suryanarayana D.	21945357	Advances in Intelligent Systems and Computing	713		0
119	2019	ANN application for medical image denoising	Rani M.L.P., Sasibhushana Rao G., Prabhakara Rao B.	21945357	Advances in Intelligent Systems and Computing	816		5

120	2019	Performance evaluation of fuzzy C means segmentation and support vector machine classification for MRI brain tumor	Srinivas B., Sasibhushana Rao G.	21945357	Advances in Intelligent Systems and Computing	817		9
121	2019	Image compression using neural network for biomedical applications	Sasibhushana Rao G., Vimala Kumari G., Prabhakara Rao B.	21945357	Advances in Intelligent Systems and Computing	817		3
122	2019	Study on efficient and adaptive reproducing management in hadoop distributed file system	Satheesh P., Srinivas B., Naidu P.R.S., Prasanth Kumar B.	2191530X	SpringerBriefs in Applied Sciences and Technology			0
123	2018	Realization and Synthesis of Ring Counter and Twisted Ring Counter Using Reversible Logical Computation with Minimum Quantum Cost	Naguboina G.C., Anusudha K.		Proceedings of the International Conference on Inventive Research in Computing Applications, ICIRCA 2018			1
124	2018	Synthesis of nano particles reinforced composites using A356 aluminium alloy as matrix for brake shoes using stir casting route	Veeraiah G., Santosh Kumar M.S.S., Vimal Varma V.V., Sudhakar I.	17578981	IOP Conference Series: Materials Science and Engineering	455	1	2
125	2018	Pattern Reconfigurable Rectangular Micro-Strip Antenna for Wireless C-Band Applications	Venkateswarlu P., Vijayachandra K., Satyanarayana M.		2018 IEEE Indian Conference on Antennas and Propagation, InCAP 2018			0
126	2018	Compact frequency Reconfigurable rectangle patch with double slot Antenna for Cognitive Radio Applications	Vijayachandra K., Satyanarayana M., Krishna B.T.		2018 IEEE Indian Conference on Antennas and Propagation, InCAP 2018			0
127	2018	Compact Multi-Layer Circularly Polarized Hexagonal-Spiral Antenna for Wireless Applications	Rajasekhar N., Ramana R.R., Darimireddy N.K.		2018 IEEE Indian Conference on Antennas and Propagation, InCAP 2018			0
128	2018	Compact Microstrip Antenna for Radar Altimeter Applications	Sudhakar A., Prakash M.S., Satyanarayana M.		2018 IEEE Indian Conference on Antennas and Propagation, InCAP 2018			0
129	2018	Multi Wideband Hexagonal-Spiral Microstrip Band-Pass Filter for Wireless Applications	Sujatha M., Ramana Reddy R., Darimireddy N.K., Ramamohan B.		2018 IEEE Indian Conference on Antennas and Propagation, InCAP 2018			2

130	2018	Structural and magnetic properties of nanocrystalline nickel ferrite (NiFe$_2$O$_4$) synthesized in sol-gel and combustion routes	Vara Prasad B.B.V.S., Ramesh K.V., Srinivas A.	12932558	Solid State Sciences	86		8
131	2018	Privacy preserving data publishing based on sensitivity in context of Big Data using Hive	Rao P.S., Satyanarayana S.	21961115	Journal of Big Data	5	1	4
132	2018	Cogno-Detective System for Body Odor Sensing	Kanakam P., Hussain S.M., Chakravarthy A.		2017 IEEE International Conference on Computational Intelligence and Computing Research, ICCIC 2017			0
133	2018	Wavelet-based multiscale similarity measure for complex networks	Agarwal A., Maheswaran R., Marwan N., Caesar L., Kurths J.	14346028	European Physical Journal B	91	11	6
134	2018	FPGA Implementation of USB 3.1 Physical Coding Layer	Jammu B.R., Chappa R.T.N.V.S., Adimulam M., Bodasingi N.		Proceedings of the 2nd International Conference on Computing Methodologies and Communication, ICCMC 2018			0
135	2018	Progressive collapse study of 220 KV transmission line tower with different bracing patterns	Kumar M.P., Vishalakshi D., Raju P.M., Rambabu D.	0974262X	Disaster Advances	11	10	0
136	2018	Even Number of Positive Solutions for the System of (p, q)-Laplacian Fractional Order Two-Point Boundary Value Problems	Prasad K.R., Krushna B.M.B., Sreedhar N.	9713514	Differential Equations and Dynamical Systems	26	4	0
137	2018	Structural and Soft Magnetic Properties of Nickel-Substituted Co-Zn Nanoferrites	Prasad B.B.V.S.V., Ramesh K.V., Srinivas A.	15571939	Journal of Superconductivity and Novel Magnetism	31	10	9
138	2018	Design and simulation of multi band microstrip antenna Array for satellite applications	Anjaneyulu G., Varma J.S.		Proceedings of the 2nd International Conference on Electronics, Communication and Aerospace Technology, ICECA 2018			1
139	2018	Patterns Generation of Horizontal Dipole Array Embedded in Different Dielectric Slabs	Anjaneyulu G., Varma T.A.N.S.N., Varma J.S.		Proceedings of the 2nd International Conference on Electronics, Communication and Aerospace Technology, ICECA 2018			1
140	2018	Artificial recharge by surface runoff harvesting from perennial rivers	Suryanarayana K., Vara Prasad A., Natarajan N., Govind Sourabh K.	2537141	Indian Journal of Environmental Protection	38	8	0

141	2018	Quantifying the roles of single stations within homogeneous regions using complex network analysis	Agarwal A., Marwan N., Maheswaran R., Merz B., Kurths J.	221694	Journal of Hydrology	563		15
142	2018	Compact reconfigurable 3×3 pixel patch antenna for cognitive radio applications	Vijayachandra K., Satyanarayana M., Krishna B.T.		2017 IEEE International Conference on Antenna Innovations and Modern Technologies for Ground, Aircraft and Satellite Applications, iAIM 2017			0
143	2018	Analysis on the impact of slot and DGS on bandwidth & gain of a pentagon patch antenna	Kalpana M., Reddy R.R.		2017 IEEE International Conference on Antenna Innovations and Modern Technologies for Ground, Aircraft and Satellite Applications, iAIM 2017			0
144	2018	Circularly polarized compact wideband slotted cylindrical dielectric resonator antennas	Sujatha M., Reddy R.R., Darimireddy N.K.		2017 IEEE International Conference on Antenna Innovations and Modern Technologies for Ground, Aircraft and Satellite Applications, iAIM 2017			1
145	2018	V-shaped slits and a slot loaded pentagonal boundary patch antennas for wideband applications	Rajasekhar N., Reddy R.R., Darimireddy N.K.		2017 IEEE International Conference on Antenna Innovations and Modern Technologies for Ground, Aircraft and Satellite Applications, iAIM 2017			1
146	2018	Optimal Planning and Operation of Microgrid: A Comprehensive Review	Telu N., Rao R.G., Vakula V.S.		2018 International Conference on Recent Innovations in Electrical, Electronics and Communication Engineering, ICRIEECE 2018			0
147	2018	Kinetic study of ethyl hexanoate synthesis using surface coated lipase from Candida Rugosa	Annapurna Devi N., Bhanu Radhika G.	10219986	Iranian Journal of Chemistry and Chemical Engineering	37	4	0
148	2018	Corrigendum to "Design, solvent free synthesis, and antimicrobial evaluation of 1,4 dihydropyridines" [Bioorg. Med. Chem. Lett. 22 (2012) 6016–6023] (S0960894X12005938) (10.1016/j.bmcl.2012.05.003))	Abdul R., Moturu T.R., babu J.J., Lakshmi K.A.	0960894X	Bioorganic and Medicinal Chemistry Letters	28	12	0

149	2018	Magnetization, resistivity, specific heat and ab initio calculations of Gd$_5$Sb$_3$	Samatham S.S., Patel A.K., Lukoyanov A.V., Suresh K.G.	9538984	Journal of Physics Condensed Matter	30	29	1
150	2018	Structural, morphological and magnetic properties of divalent copper-substituted Co-Zn Nanoferrites	Vara Prasad B.B.V.S., Ramesh K.V., Srinivas A.	2179792	International Journal of Modern Physics B	32	14	6
151	2018	Curvelet transforms and flower pollination algorithm based machine vision system for roughness estimation	Umamaheswara Raju R.S., Ramesh R., Raju V.R., Mohammad S.	9728821	Journal of Optics (India)	47	2	3
152	2018	Modeling of Dual Gate Material Hetero-dielectric Strained PNPN TFET for Improved ON Current	Kumari T., Saha P., Dash D.K., Sarkar S.K.	10599495	Journal of Materials Engineering and Performance	27	6	3
153	2018	Dual band printed antenna with the stepped e-bridge DGS structure	Charan G.M.S., Satyanarayana M.		Proceedings of the International Conference on Inventive Computing and Informatics, ICICI 2017			0
154	2018	Interfacing of MATLAB with Arduino for face detection and tracking algorithm using serial communication	Ayi M., Ganti A.K., Adimulam M., Karthik B.		Proceedings of the International Conference on Inventive Computing and Informatics, ICICI 2017			2
155	2018	Dissimilar Joining of Stainless Steel and 5083 Aluminum Alloy Sheets by Gas Tungsten Arc Welding-Brazing Process	Cheepu M., Srinivas B., Abhishek N., Ramachandraiah T., Karna S., Venkateswarlu D., Alapati S., Che W.S.	17578981	IOP Conference Series: Materials Science and Engineering	330	1	17
156	2018	Effect of gaussian beam on microstructural and mechanical properties of dissimilarlaser welding ofAA5083 and AA6061 alloys	Srinivas B., Cheepu M., Sivaprasad K., Muthupandi V.	17578981	IOP Conference Series: Materials Science and Engineering	330	1	10
157	2018	Studies on post weld heat treatment of dissimilar aluminum alloys by laser beam welding technique	Srinivas B., Krishna N.M., Cheepu M., Sivaprasad K., Muthupandi V.	17578981	IOP Conference Series: Materials Science and Engineering	330	1	11
158	2018	Analyses and Comparison of Solar Air Heater with Various Rib Roughness using Computational Fluid Dynamics (CFD)	Ravi Kumar K., Cheepu M., Srinivas B., Venkateswarlu D., Pramod Kumar G., Shiva A.	17578981	IOP Conference Series: Materials Science and Engineering	330	1	1
159	2018	Performance evaluation of Titanium nitride coated tool in turning of mild steel	Srinivas B., Kumar G.P., Cheepu M., Jagadeesh N., Kumar K.R., Haribabu S.	17578981	IOP Conference Series: Materials Science and Engineering	330	1	2

160	2018	Evaluation of Solar Air Heater Performance with Artificial Rib Roughness over the Absorber Plate using Finite Element Modelling Analysis	Ravi Kumar K., Nikhil Varma P., Jagadeesh N., Sandeep J.V., Cheepu M., Venkateswarlu D., Srinivas B.	17578981	IOP Conference Series: Materials Science and Engineering	330	1	1
161	2018	Microstructure Characterization of Al-TiC Surface Composite Fabricated by Friction Stir Processing	Shiva A., Cheepu M., Kantumuchu V.C., Ravi Kumar K., Venkateswarlu D., Srinivas B., Jerome S.	17578981	IOP Conference Series: Materials Science and Engineering	330	1	7
162	2018	Assessment of water balance for a forest dominated coastal river basin in India using a semi distributed hydrological model	Setti S., Rathinasamy M., Chandramouli S.	23636203	Modeling Earth Systems and Environment	4	1	3
163	2018	Biosorption of copper(II) and manganese(II) from waste water using low cost bio adsorbents	Pavan Kumar G.V.S.R., Srinivasa Rao K., Yadav A., Lakshman Kumar M., Partha Sarathi T.V.N.	194522	Journal of the Indian Chemical Society	95	4	2
164	2018	Path planning of an AGV in the presence of two elliptical forbidden regions	Anil Prakash M., Raju K.V.L., Ramachandra Raju V.	19708734	International Review of Mechanical Engineering	12	4	0
165	2018	A Miniaturized Hexagonal-Triangular Fractal Antenna for Wide-Band Applications [Antenna Applications Corner]	Darimireddy N.K., Reddy R.R., Prasad A.M.	10459243	IEEE Antennas and Propagation Magazine	60	2	33
166	2018	Parametric study on effect of wind on geometrical configurations of RC space frames	Markandeya Raju P., Kumar M.P., Sahithichandr B.	0974262X	Disaster Advances	11	4	0
167	2018	Unsupervised learning algorithms for MRI brain tumor segmentation	Srinivas B., Rao G.S.		2018 Conference on Signal Processing And Communication Engineering Systems, SPACES 2018	2018-		9
168	2018	Swarm home robots: Next Gen Maids	Kalla P., Ramji K., Ravindranath P.		2017 IEEE International Conference on Consumer Electronics-Asia, ICCE-Asia 2017	2018-		0
169	2018	Influence of NiFe Alloy Nanopowder on Electromagnetic and Microwave Absorption Properties of MWCNT/Epoxy Composite	Naidu M.K., Ramji K., Santhosi B.V.S.R.N., Krushna Murthy K., Subrahmanyam C., Satyanarayana B.	7306679	Advances in Polymer Technology	37	2	13
170	2018	GRG optimization of prestressed rolled steel compact sections	Markandeya Raju P.	0974262X	Disaster Advances	11	2	0
171	2018	REHDFS: A random read/write enhanced HDFS	Rao Chandakanna V.	10848045	Journal of Network and Computer Applications	103		5

172	2018	On a coupled system of fractional order differential equations with riemann–liouville type boundary conditions	Raju V.V.R.R.B., Krushna B.M.B.	2052532X	Journal of Nonlinear Functional Analysis	2018		0
173	2018	Combining fuzzy C-means and KNN algorithms in performance improvement of intrusion detection system	Sujata B., Ravi Kiran Varma P.	23674512	Lecture Notes on Data Engineering and Communications Technologies	9		1
174	2018	Emotion recognition based on Generalized Gamma Distribution	Sujeeth T., Srinivas Y., Vadaparthi N.	2227524X	International Journal of Engineering and Technology(UAE)	7	2	0
175	2018	A novel scheme for red eye removal with image matching	Vidya Sagar Appaji S., Lakshmi P.V., Srinivasa Rao P.	1943023X	Journal of Advanced Research in Dynamical and Control Systems	10	13	1
176	2018	Curvelet transform based statistical pattern recognition system for condition monitoring of power distribution line insulators	Surya Prasad P., Prabhakara Rao B.	23673370	Lecture Notes in Networks and Systems	7		1
177	2018	Influence of thyristor-controlled series capacitor on wheeling cost incorporating the impact of real and reactive power losses	Irinjila K.K., Askani J.L.	13000632	Turkish Journal of Electrical Engineering and Computer Sciences	26	6	0
178	2018	Numerical analysis of critical heat flux during subcooled boiling for a vertically downward flow	Theeda S., Mendu S.S., Sripada R., Rao V.V.	23055995	International Conference on Computational Methods for Thermal Problems		223309	1
179	2018	Simulation of natural convection of nanofluids in a square enclosure embedded with bottom discrete heater	Mendu S.S., Dora N., Karpurapu M.P.	3549836	Thermal Science	22	6	1
180	2018	New bacteria foraging and particle swarm hybrid algorithm for medical image compression	Vimala Kumari G., Sasibhushana Rao G., Prabhakara Rao B.	15803139	Image Analysis and Stereology	37	3	0
181	2018	Elevation and position uncertainty based KF model for position accuracy improvement	Sasibhushana Rao G., Siripurapu D., Bagadi L.	18770509	Procedia Computer Science	143		1
182	2018	Firefly, teaching learning based optimization and Kalman filter methods for GPS receiver position estimation	Bagadi L., Sasibhushana Rao G., Ashok Kumar N.	18770509	Procedia Computer Science	143		2
183	2018	Hybrid technique for GPS receiver position applications	Sasibhushana Rao G., Bagadi L.	18770509	Procedia Computer Science	143		0

184	2018	Simulation and validation of ballistic performance of armor grade AA7075 aluminum alloy using friction stir processing	Sasank Sekhar Murty A., Lahari Ramya P., Sai Gowtham D., Sudhakar I.	22147853	Materials Today: Proceedings	5	9	2
185	2018	Performance and emission characteristics of high speed diesel engine blends with carbon nanotubes added ethanol-diesel	Sekhar K.C., Prasada Rao M.Y., Sarith Naidu T., Lakshumu Naidu A.	22496890	International Journal of Mechanical and Production Engineering Research and Development	8	5	0
186	2018	Coordinate reference frame technique for robotic planar path planning	Kalla P., Koona R., Ravindranath P., Sudhakar I.	22147853	Materials Today: Proceedings	5	9	2
187	2018	Ballistic performance of armour grade heat treated steel using explicit dynamics	Rangacharyulu P., Vivek Varma B., Sai Saran S., Sudhakar I.	22147853	Materials Today: Proceedings	5	9	0
188	2018	A novel approach for background subtraction using generalized Rayleigh distribution	Tadiparthi P.K., Srinivas Y., Vadaparthi N.	2158107X	International Journal of Advanced Computer Science and Applications	9	9	0
189	2018	Comparative microstructural study on mechanical properties of concrete enhanced with graphite and graphene compound	Sudheer P., Chandramouli S.	2227524X	International Journal of Engineering and Technology(UAE)	7	4	0
190	2018	Simulation and analysis of hyperkalemia and tachycardia of ECG signal using LabVIEW	Srinivas B., Lavanya B.	1943023X	Journal of Advanced Research in Dynamical and Control Systems	10	10	0
191	2018	Automatic vehicle license plate recognition using LabVIEW	Srinivas B., Surya Prasad P., Sowmya P.	1943023X	Journal of Advanced Research in Dynamical and Control Systems	10	10	0
192	2018	Forensics data analysis for behavioral pattern with cognitive predictive task	Hussain S.M., Kanakam P., Suryanarayana D., Gupta S.	18650929	Communications in Computer and Information Science	827		0
193	2018	Wall-to-bed mass transfer in liquid fluidized bed with a unique internal	Reddy G.V.S.K., Ravindra Kumar K., Murty M.S.N., Ramesh K.V.	23745398	American Journal of Heat and Mass Transfer	5	1	0
194	2018	Interfacial microstructures and characterization of the titanium—Stainless steel friction welds using interlayer technique	Cheepu M., Muthupandi V., Venkateswarlu D., Srinivas B., Che W.-S.	9308989	Springer Proceedings in Physics	207		14
195	2018	Performance comparison of FACTS controllers for transmission pricing diminution	Irinjila K.K., Askani J.L.	23311916	Cogent Engineering	5	1	1
196	2018	A course in BE-algebras	Mukkamala S.R.		A Course in BE-Algebras			1

197	2018	A survey of feature selection techniques in intrusion detection system: A soft computing perspective	Ravi Kiran Varma P., Valli Kumari V., Srinivas Kumar S.	21945357	Advances in Intelligent Systems and Computing	710		12
198	2018	High-density noise removal algorithm for brain image analysis	Vimala Kumari G., Sasibhushana Rao G., Prabhakara Rao B.	21945357	Advances in Intelligent Systems and Computing	701		0
199	2018	In the Presence of Two Elliptical Forbidden Regions	Prakash M.A., Raju K.V.L., Raju V.R.	22147853	Materials Today: Proceedings	5	2	0
200	2018	Mass transfer enhancement in a three-phase fluidized bed electrochemical reactor	Reddy G.V.S.K., Ramesh K.V.	3928764	International Journal of Heat and Technology	36	1	2
201	2018	A Secure and Efficient Temporal Features Based Framework for Cloud Using MapReduce	Srinivasa Rao P., Krishna Prasad P.E.S.N.	21945357	Advances in Intelligent Systems and Computing	736		0
202	2018	Hybrid computational intelligent attribute reduction system, based on fuzzy entropy and ant colony optimization	Ravi Kiran Varma P., Valli Kumari V., Srinivas Kumar S.	21945357	Advances in Intelligent Systems and Computing	628		1
203	2018	On the reduction of partial products using wallace tree multiplier	Ramya A.S., Ramesh Babu B.S.S.V., Raju K.S.N., Ravi Chandra B., Sirisha A., Srikala E.	21903018	Smart Innovation, Systems and Technologies	78		2
204	2018	Design and analysis of various slots on hexagonal boundary patch antennas for enhanced gain	Muvvala K., Ramana Reddy R., Darimireddy N.K.	18761100	Lecture Notes in Electrical Engineering	434		0
205	2018	Application of multi-scale wavelet entropy and multi-resolution Volterra models for climatic downscaling	Sehgal V., Lakhanpal A., Maheswaran R., Khosa R., Sridhar V.	221694	Journal of Hydrology	556		18
206	2017	Computerized optimum dimensioning of prestressed homogenous steel I-beam	Ponnada M.R., Vipparthy R.	1258281	Engineering Journal	21	7	1
207	2017	HPL algorithm for semantic information retrieval with RDF AND SPARQL	Kanakam P., Hussain S.M., Suryanarayana D.	9702083	Journal of Industrial Pollution Control	33	2	0
208	2017	Structural and Magnetic Studies of Nano-crystalline Ferrites MFe_2O_4 (M = Zn, Ni, Cu, and Co) Synthesized Via Citrate Gel Autocombustion Method	Vara Prasad B.B.V.S., Ramesh K.V., Srinivas A.	15571939	Journal of Superconductivity and Novel Magnetism	30	12	15

209	2017	A non-linear and non-stationary perspective for downscaling mean monthly temperature: a wavelet coupled second order Volterra model	Lakhanpal A., Sehgal V., Maheswaran R., Khosa R., Sridhar V.	14363240	Stochastic Environmental Research and Risk Assessment	31	9	5
210	2017	WLAN Frequency Notched Printed Microstrip Antenna with Inverted T Shaped DGS	Sudhakar A., Prakash M.S., Sharma S.K.		Proceedings - 2016 8th International Conference on Computational Intelligence and Communication Networks, CICN 2016			0
211	2017	Distance based algorithm for removal of salt and pepper noise	Teja K.V.R., Rao N.S., Kumar P.S.		Proceedings of IEEE International Conference on Circuit, Power and Computing Technologies, ICCPCT 2017			1
212	2017	Digital image scrambling based on sequence generation	Sarma K.S.K.S., Lavanya B.		Proceedings of IEEE International Conference on Circuit, Power and Computing Technologies, ICCPCT 2017			1
213	2017	FPGA implementation of BASK-BFSK-BPSK-DPSK digital modulators using system generator	Jammu B.R., Botcha H.K., Sowjanya A.V., Bodasingi N.		Proceedings of IEEE International Conference on Circuit, Power and Computing Technologies, ICCPCT 2017			2
214	2017	Multi-scale event synchronization analysis for unravelling climate processes: A wavelet-based approach	Agarwal A., Marwan N., Rathinasamy M., Merz B., Kurths J.	10235809	Nonlinear Processes in Geophysics	24	4	21
215	2017	Android mobile security by detecting and classification of malware based on permissions using machine learning algorithms	Ravi Kiran Varma P., Raj K.P., Subba Raju K.V.		Proceedings of the International Conference on IoT in Social, Mobile, Analytics and Cloud, I-SMAC 2017			12
216	2017	A semi-supervised intrusion detection system using active learning SVM and fuzzy c-means clustering	Kumari V.V., Varma P.R.K.		Proceedings of the International Conference on IoT in Social, Mobile, Analytics and Cloud, I-SMAC 2017			16
217	2017	Design of rectangular U-shaped fork patch antenna for UWB and multiband applications	Darimireddy N.K., Reddy R.R., Prasad A.M.		INCEMIC 2015 - 13th International Conference on Electromagnetic Interference and Compatibility, Proceedings			1
218	2017	Comparision of radiation attributes of printed microstrip coplanar waveguide fed fractal antennas	Raj V.D., Prasad A.M., Prasad G.M.V., Satyanarayana M.		INCEMIC 2015 - 13th International Conference on Electromagnetic Interference and Compatibility, Proceedings			0

219	2017	Frequency notched antenna to overcome EMI between UWB systems and Wireless Local Area Networks (WLANs)	Sudhakar A., Satyanarayana M., Prakash M.S., Sharma S.K.		INCEMIC 2015 - 13th International Conference on Electromagnetic Interference and Compatibility, Proceedings			1
220	2017	RETRACTED ARTICLE: One-step synthesis of size-controlled CZTS quantum dots (Chemical Communications, (2011), 47, (11721–11723), 10.1039/C1CC14687D)	Arora L., Singh V.N., Partheepan G., Senguttuvan T.D., Jain K.	21905509	Applied Nanoscience (Switzerland)	7	7	1
221	2017	Parametric comparison of communication towers with different bracings	Markandeya Raju P., Pavan Kumar M., Vishalakshi D., Manoharini K.	9766308	International Journal of Civil Engineering and Technology	8	10	0
222	2017	Effect of wind speed on structural behaviour of Monopole and self-support telecommunication towers	Pavan Kumar M., Markandeya Raju P., Navya M., Naidu G.T.	15630854	Asian Journal of Civil Engineering	18	6	5
223	2017	Investigation of the scaling characteristics of LANDSAT temperature and vegetation data: a wavelet-based approach	Rathinasamy M., Bindhu V.M., Adamowski J., Narasimhan B., Khosa R.	207128	International Journal of Biometeorology	61	10	2
224	2017	Study on Strength of Hybrid Mortar Synthesis with Epoxy Resin, Fly Ash and Quarry Dust under Extreme Conditions	Sudheer P., Muni Reddy M.G., Adiseshu S.	17578981	IOP Conference Series: Materials Science and Engineering	225	1	1
225	2017	Lipase catalyzed transesterification of ethyl butyrate synthesis in n-hexane— a kinetic study	Devi N.A., Radhika G.B., Bhargavi R.J.	221155	Journal of Food Science and Technology	54	9	9
226	2017	An intelligent load frequency control for two area system	Jyothi T.V.D., Lavanya N., Shankar C.B., Sudhakar T.		Proceedings - 7th IEEE International Advanced Computing Conference, IACC 2017			1
227	2017	Performance enhancement of permanent magnet brushless DC motor using multilevel inverter	Kalyani B.S., Mukkavilli V.M., Naik G.		Proceedings - 7th IEEE International Advanced Computing Conference, IACC 2017			4
228	2017	Enhancement of dynamic performance of brush-less DC Motor Drive	Srinivas K.S.S., Pavan Kumar P.		Proceedings - 7th IEEE International Advanced Computing Conference, IACC 2017			0
229	2017	Enhanced microwave absorption of quartic layered epoxy-mwcnt composite for radar applications	Naidu M.K., Ramji K., Santhosi B.V.S.R.N., Shami T.C., Baskey H.B., Satyanarayana B.	2633366X	Advanced Composites Letters	26	4	6

230	2017	Compact circular slotted rectangular UWB antenna with wlan and partial X band rejection	Sudhakar A., Sunil Prakash M., Satyanarayana M.	18196608	ARPN Journal of Engineering and Applied Sciences	12	13	0
231	2017	A parametric study on lateral load resistance of steel chimneys	Kumar M.P., Raju P.M., Babu N.V., Roopesh K.	9766308	International Journal of Civil Engineering and Technology	8	7	1
232	2017	A novel bidirectional DC-DC topology for electric vehicles using PSIM	Varma M.P.C., Mohanta D.K., Kumar K.S.R., Sastry V.V., Sekhar O.C.		International Conference on Signal Processing, Communication, Power and Embedded System, SCOPES 2016 - Proceedings			3
233	2017	Long term losses in pre-stressed concrete member as per IS 1343:2012 and IS 1343:1980	Markandeya Raju P., Raghuram Sandeep T.	194565	Indian Concrete Journal	91	6	0
234	2017	Coaxer lattices	Sambasiva Rao M.	84395	Canadian Mathematical Bulletin	60	2	0
235	2017	Role of Synthesis on Physical Properties of $Ni_{0.5}Zn_{0.5}Fe_2O_4$ Nanoferrite: A Comparative Study	Babu B.R., Prasad M.S.R., Ramesh K.V.	15571939	Journal of Superconductivity and Novel Magnetism	30	6	8
236	2017	RainCloud - Cloudlet selection for effective cyber foraging	Chilukuri S., Bollapragada S., Kommineni S., Chakravarthy K.	15253511	IEEE Wireless Communications and Networking Conference, WCNC			8
237	2017	A new Cascading Algorithm for denoising images corrupted by high density noise	Teja K.V.R., Kumar P.S., Rao N.S., Prasad P.S.		International Conference on Computing, Analytics and Security Trends, CAST 2016			0
238	2017	Design and fabrication of coulomb counter for estimation of SOC of battery	Ravi Kumar K.S., Mohanta D.K., Sastry V.V., Rajesh D., Sekhar O.C., Varma M.P.C.		IEEE International Conference on Power Electronics, Drives and Energy Systems, PEDES 2016	2016-		5
239	2017	Aluminium-eriochrome cyanin R, a novel chromogen for the spectrophotometric determination of pentoprazole sodium	Pavan Kumar G.V.S.R., Srinivasa Rao K.	195464	Indian Journal of Pharmaceutical Education and Research	51	2	0
240	2017	Condition monitoring of 11 kV overhead power distribution line insulators using combined wavelet and LBP-HF features	Surya Prasad P., Prabhakara Rao B.	17518687	IET Generation, Transmission and Distribution	11	5	7
241	2017	Dual annihilator filters of commutative B e -algebras	Kumar V.V., Rao M.S.	17935571	Asian-European Journal of Mathematics	10	1	0

242	2017	Curvelet transform for estimation of machining performance	Umamaheswara Raju. R.S., Raju V.R., Ramesh R.	304026	Optik	131		3
243	2017	Lossy image compression - A frequent sequence mining perspective employing efficient clustering	Kadimisetty A., Oswald C., Sivaselvan B., Alekhya K.		2016 IEEE Annual India Conference, INDICON 2016			3
244	2017	VLSI implementation of LTSSM	Chappa R.T., Jammu B.R., Adimulam M., Ayi M.		Proceedings of the International Conference on Electronics, Communication and Aerospace Technology, ICECA 2017	2017-		4
245	2017	Comparative analysis of image scrambling sequence generation method with Arnold	Lavanya B., Kiran Kumar M.		Proceedings of the International Conference on Electronics, Communication and Aerospace Technology, ICECA 2017	2017-		1
246	2017	A secure framework for cloud using map reduce	Madhusudhana Rao T.V., Srinivasa Rao P., Srinivas Y.	1943023X	Journal of Advanced Research in Dynamical and Control Systems	9		0
247	2017	Provider mobility in content centric networks – issues and challenges	Chilukuri S., Chilukuri K.C., Korla S.	17442869	International Journal of Mobile Network Design and Innovation	7	3-4	0
248	2017	Effect of flocculating agents on drag in gravity-driven flow systems	Raghav M.K.S.V., Teja R., Subbarao Ch.V.	10642277	International Journal of Fluid Mechanics Research	44	4	0
249	2017	An open and web-based StepNC manufacturing system (OW-StepNC)	Konapala A., Koona R.	17516048	International Journal of Internet Manufacturing and Services	4	3	1
250	2017	An efficient statistical computation technique for health care big data using R	Rani S.N., Rao P.S., Parimala P.	17578981	IOP Conference Series: Materials Science and Engineering	225		0
251	2017	Existence of positive solutions for higher order boundary value problems with integral boundary conditions on time scales	Sreedhar N., Raju V.V.R.R.B., Narasimhulu Y.	2052532X	Journal of Nonlinear Functional Analysis	2017		1
252	2017	Forked queueing model with load dependent service rate and bulk arrivals	Sadu A.R., Rao K.S., Devi K.N.	17457645	International Journal of Operational Research	30	1	1
253	2017	Existence of positive solutions for systems of fractional order boundary value problems with Riemann-Liouville derivative	Prasad K.R., Krushna B.M.B., Narasimhulu Y.	13598678	Nonlinear Studies	24	3	3
254	2017	Fluoride Contamination in the Ground Water of Two Villages of Visakhapatnam Industrial Area	Pavan Kumar G.V.S.R., Bharath Y., Komal Avinash M.	9729860	Asian Journal of Water, Environment and Pollution	14	3	0

255	2017	Condition Monitoring of a 3-Ø Induction Motor by Vibration Spectrum anaylsis using Fft Analyser- A Case Study	Sudhakar I., Adinarayana S., Anilprakash M.	22147853	Materials Today: Proceedings	4	2	2
256	2017	Intelligence model based machining process classification and performance estimation	Umamaheswara Raju R.S., Ramachandra Raju V., Ramesh R.	22147853	Materials Today: Proceedings	4	2	2
257	2016	Ant colony optimization-based firewall anomaly mitigation engine	Penmatsa R.K.V., Vatsavayi V.K., Samayamantula S.K.	21931801	SpringerPlus	5	1	1
258	2016	Reliability analysis of PV cell, wind turbine and diesel generator by using Bayesian network	Deb S., Ghosh D., Mohanta D.K.		International Conference on Electrical, Electronics, and Optimization Techniques, ICEEOT 2016			7
259	2016	Thyristor Controlled Series Capacitor effective incremental transmission pricing determination	Kiran I.K., Laxmi A.J.		International Conference on Electrical, Electronics, and Optimization Techniques, ICEEOT 2016			0
260	2016	Ideals in endomorphic BE-algebras	Rao M.S., Prabhakar M.B.		International Conference on Electrical, Electronics, and Optimization Techniques, ICEEOT 2016			0
261	2016	Left and right self-maps on BE-algebras	Rao M.S., Kumar V.V.		International Conference on Electrical, Electronics, and Optimization Techniques, ICEEOT 2016			0
262	2016	Optimum solar panel rating for net energy metering environment	Dutta S., Ghosh D., Mohanta D.K.		International Conference on Electrical, Electronics, and Optimization Techniques, ICEEOT 2016			6
263	2016	Developing intensity duration frequency curves based on scaling theory using linear probability weighted moments: A case study from India	Bairwa A.K., Khosa R., Maheswaran R.	221694	Journal of Hydrology	542		5
264	2016	Solvent free synthesis of 3,4-dihydropyrimidine-2-(1H)-ones/thiones catalyzed by N,O-bis(trimethylsilyl)acetamide and dicyclohexyl carbodimide	Murthy Y.L.N., Rajack A., Yuvaraj K.	18785352	Arabian Journal of Chemistry	9		9
265	2016	Regional scale groundwater modelling study for Ganga River basin	Maheswaran R., Khosa R., Gosain A.K., Lahari S., Sinha S.K., Chahar B.R., Dhanya C.T.	221694	Journal of Hydrology	541		18

266	2016	Design of a new multiband dielectric resonator antenna for WLAN/WiMAX applications	Darimireddy N.K., Reddy R.R., Prasad A.M.		Proceedings of the 2016 IEEE International Conference on Wireless Communications, Signal Processing and Networking, WiSPNET 2016			1
267	2016	LBP-HF features and machine learning applied for automated monitoring of insulators for overhead power distribution lines	Prasad P.S., Rao B.P.		Proceedings of the 2016 IEEE International Conference on Wireless Communications, Signal Processing and Networking, WiSPNET 2016			12
268	2016	Automatic medical image segmentation based on finite skew Gaussian mixture model	Vadaparthi N., Yerramalli S., Penumatsa S., Poosapati S.	16833198	International Arab Journal of Information Technology	13	5	1
269	2016	Wavelet Spectrum and Self-Organizing Maps-Based Approach for Hydrologic Regionalization -a Case Study in the Western United States	Agarwal A., Maheswaran R., Kurths J., Khosa R.	9204741	Water Resources Management	30	12	24
270	2016	Location biased nature of net energy metering	Dutta S., Ghosh D., Mohanta D.K.		2016 International Conference on Computation of Power, Energy, Information and Communication, ICCPEIC 2016			2
271	2016	Adequacy analysis of stand alone hybrid microgrid by using Bayesian network	Deb S., Ghosh D., Mohanta D.K.		2016 International Conference on Computation of Power, Energy, Information and Communication, ICCPEIC 2016			4
272	2016	Optimal reactive power flow control for minimization of active power losses using Particle swarm Optimization	Rao N.T., Yadav J.Ch.B., Jagannadham A.		2015 Conference on Power, Control, Communication and Computational Technologies for Sustainable Growth, PCCCTSG 2015			5
273	2016	Detection of islanding in microgrid using wavelet-MRA	Garg A., Sinha A., Reddy M.J.B., Mohanta D.K.		2015 Conference on Power, Control, Communication and Computational Technologies for Sustainable Growth, PCCCTSG 2015			2
274	2016	Analysis of L-band wave guide H-plane Tee junction	Prabha P.U.K., Raju G.S.N.		Proceedings of the International Conference on Electromagnetic Interference and Compatibility	0		0

275	2016	Simultaneous method for determination of emtricitabine, tenofovir disoproxil fumarate, elvitegravir and cobicistat in tablets by HPLC	Gummaluri R.K., Parthasarathi T.V.N., Anjanamadhulika G.	0250474X	Indian Journal of Pharmaceutical Sciences	78	4	3
276	2016	Effect of sips sorption isotherm on contaminant transport mechanism in fractured porous media	Natarajan N., Suresh Kumar G.	12267988	KSCE Journal of Civil Engineering	20	5	2
277	2016	Molybdenum blue method for the spectrophotometric determination of acetazolamide and piracetam	Pavan Kumar G.V.S.R., Srinivasa Rao K., Sreerama Murty B., Partha Sarathi T.V.N.	194522	Journal of the Indian Chemical Society	93	6	1
278	2016	Mass transfer kinetics using two-site interface model for removal of Cr(VI) from aqueous solution with cassava peel and rubber tree bark as adsorbents	Vasudevan M., Ajithkumar P.S., Singh R.P., Natarajan N.	12261025	Environmental Engineering Research	21	2	11
279	2016	Microprocessor based closed loop speed control of DC motor using PWM	Ravi Kumar K.S., Jaideep J., Rohit R., Vikas V.		2015 International Conference on Control Instrumentation Communication and Computational Technologies, ICCICCT 2015			1
280	2016	Introduction to M2M communication in Smart Grid	Ravi Kumar K.S., Gottapu J., Mandarapu C., Rohit M.S., Murthy T.V.N., Mavuri M.		2015 International Conference on Control Instrumentation Communication and Computational Technologies, ICCICCT 2015			2
281	2016	Electrical and Dielectric Properties of Non-magnetic Al^{3+} Substituted Ni–Zn Nano Ferrites for High Frequency Applications	Rajesh Babu B., Prasad M.S.R., Ramesh K.V., Purushotham Y.	15741443	Journal of Inorganic and Organometallic Polymers and Materials	26	3	4
282	2016	Automation of street lights using Arduino & NI Lab VIEW	Chaitanya B.K., Suresh R., Kaushik A.S.K., Mahesh M., Kala C., Kumar K.S.R.		2015 IEEE UP Section Conference on Electrical Computer and Electronics, UPCON 2015			5
283	2016	DC electrical resistivity and dielectric properties of Ni–Zn nanoferrite synthesized via autocombustion route	Siva Ram Prasad M., Ramesh K.V., Babu B.R., Trinath K.	9731458	Indian Journal of Physics	90	4	4

284	2016	Structural, Magnetic, and Dielectric Properties of $Ni_{0.5}Zn_{0.5}Al_xFe_{2-x}O_4$ Nanoferrites	Babu B.R., Ramesh K.V., R. Prasad M.S., Purushotham Y.	15571939	Journal of Superconductivity and Novel Magnetism	29	4	6
285	2016	Re-estimation of hidden Markov model parameters of Phasor Measurement Unit	Murthy Ch., Roy D.S., Mohanta D.K.		2015 IEEE Power, Communication and Information Technology Conference, PCITC 2015 - Proceedings			0
286	2016	Image and vibration based mixed variable approach for machining performance estimation	Umamaheswara Raju R.S., Ramachandra Raju V., Ramesh R.	9734562	International Journal of Applied Engineering Research	11	4	2
287	2016	A Brief Review of Phasor Measurement Units as Sensors for Smart Grid	Mohanta D.K., Murthy C., Sinha Roy D.	15325008	Electric Power Components and Systems	44	4	30
288	2016	Ballistic behavior of boron carbide reinforced AA7075 aluminium alloy using friction stir processing – An experimental study and analytical approach	Sudhakar I., Madhusudhan Reddy G., Srinivasa Rao K.	22149147	Defence Technology	12	1	16
289	2016	A Comparative Study on the Infiltration Characteristics of Soils in Srikakulam District, Andhra Pradesh, India	Chandramouli S., Natarajan N.	9729860	Asian Journal of Water, Environment and Pollution	13	1	4
290	2016	Effect of distance-dependent and time-dependent dispersion on non-linearly sorbed multispecies contaminants in porous media	Natarajan N.	9715010	ISH Journal of Hydraulic Engineering	22	1	6
291	2016	Fault classififcation in transmission lines using wavelet multiresolution analysis	Rajaraman P., Sundaravaradan N.A., Meyur R., Reddy M.J.B., Mohanta D.K.	2786648	IEEE Potentials	35	1	16
292	2016	Design and control of digital DC drives in steel rolling mills	Rajesh D., Ravikumar D., Bharadwaj S.K., Vastav B.K.S.		Proceedings of the International Conference on Inventive Computation Technologies, ICICT 2016	2016		2
293	2016	Analysis of S-X band slot coupled wave guide junction	Ujjvala Kanthi Prabha P., Raju G.S.N., Varma Gottumukkala V.K.	12595985	Modelling, Measurement and Control A	89	1	0

294	2016	Existence and uniqueness of solutions of caputo fractional differential equations with integral boundary conditions	Sastry M.K.	10832564	Communications in Applied Analysis	20		0
295	2016	An experimental investigation of vibration characteristics of compression ignition engine running with neem methyl ester	Madhava Varma B., Ravi Kumar N., Prasanthi G.	22298649	International Journal of Automotive and Mechanical Engineering	13	2	4
296	2016	Review on Machine Vision based Insulator Inspection Systems for Power Distribution System	Surya Prasad P., Prabhakara Rao B.	17919320	Journal of Engineering Science and Technology Review	9	5	13
297	2016	WLAN frequency notched printed microstrip antenna with S shaped slot and dielectric resonant material	Sudhakar A., Satyanarayana M., Sunil Prakash M., Sharma S.K.	9746846	Indian Journal of Science and Technology	9	40	2
298	2016	Feature Selection Using Relative Fuzzy Entropy and Ant Colony Optimization Applied to Real-time Intrusion Detection System	Varma P.R.K., Kumari V.V., Kumar S.S.	18770509	Procedia Computer Science	85		29
299	2016	Compact UWB planar antenna with WLAN band rejection	Sudhakar A., Satyanarayana M., Sunil Prakash M., Sharma S.K.	15530396	International Journal of Microwave and Optical Technology	11	2	3
300	2016	A QoS-aware self-correcting observation based load balancer	Chandakanna V.R., Vatsavayi V.K.	1641212	Journal of Systems and Software	115		5
301	2016	Seismic fragility analysis of regular and setback RCC frames - A few hypothetical case studies	Siva Bhanu Sai Kumar S., Rama Rao G.V., Markandeya Raju P.	15630854	Asian Journal of Civil Engineering	17	5	2
302	2016	Performance analysis of frequency dependent and frequency independent microstrip patch antennas	Darimireddy N.K., Reddy R.R., Prasad A.	18761100	Lecture Notes in Electrical Engineering	372		0
303	2016	Uncertainty Analysis of Looped Water Distribution Networks Using Linked EPANET-GA Method	Sivakumar P., Prasad R.K., Chandramouli S.	9204741	Water Resources Management	30	1	13
304	2015	Short secret exponent attack on LSBS-RSA	Santosh Kumar R., Narasimham C., Shetty P.	16833198	International Arab Journal of Information Technology	12	6A	1
305	2015	Structural and dielectric studies of Mg^{2+} substituted Ni-Zn ferrite	Vara Prasad B.B.V.S., Rajesh Babu B., Siva Ram Prasad M.	20831331	Materials Science- Poland	33	4	11

306	2015	Bianchi type-III minimally interacting holographic dark energy model with linearly varying deceleration parameter in Brans-Dicke theory	Kiran M., Reddy D.R.K., Rao V.U.M.	0004640X	Astrophysics and Space Science	360	2	9
307	2015	Disjunctive Ideals of Distributive Lattices	Rao M.S.	2514184	Acta Mathematica Vietnamica	40	4	0
308	2015	Spectrophotometric determination of copper(I) with molybdenum(VI) as a chromogen by molybdenum blue method	Kumar G.V.S.R.P., Sekhar T.C., Murty B.S.	194522	Journal of the Indian Chemical Society	92	11	0
309	2015	Study of microstructure and augmentation of DC electrical resistivity due to Al^{3+} substitution in Ni-Zn nano ferrite system synthesized via auto combustion	Babu B.R., Ramesh K.V., Prasad M.S., Purushotham Y.	2179849	Modern Physics Letters B	29	26	3
310	2015	Dual split ring triple-band antenna for WLAN and WiMAX applications	Durga R.V., Prakash M.S., Narayana J.L.		International Conference on Electrical, Electronics, Signals, Communication and Optimization, EESCO 2015			1
311	2015	Fuzzy control of zero current switching resonant buck converter	Babu Y.S.K., Pidikiti T., Prasanna P.S.		International Conference on Electrical, Electronics, Signals, Communication and Optimization, EESCO 2015			0
312	2015	A sliding window based Self-Learning and Adaptive Load Balancer	Chandakanna V.R., Vatsavayi V.K.	10848045	Journal of Network and Computer Applications	56		6
313	2015	DC electrical resistivity studies and structure of $Ni_{0.5}Zn_{0.5}Cr_xFe_{2-x}O_4$ nanoferrites	Prasad M.S.R., Babu B.R., Ramesh K.V., Trinath K.	2179792	International Journal of Modern Physics B	29	16	3
314	2015	Five dimensional FRW cosmological models in a scalar-tensor theory of gravitation	Rao V.U.M., PapaRao D.C., Reddy D.R.K.	0004640X	Astrophysics and Space Science	357	2	3
315	2015	Pragmatic multi-stage simulated annealing for optimal placement of synchrophasor measurement units in smart power grids	Gopakumar P., Jaya Bharata Reddy M., Mohanta D.K.	20951701	Frontiers in Energy	9	2	4

316	2015	Kaluza-Klein dark energy model in Brans-Dicke theory of gravitation	Reddy D.R.K., VijayaLakshmi G.V.	0004640X	Astrophysics and Space Science	357	1	5
317	2015	Bianchi type-I cosmological model with quadratic equation of state	Reddy D.R.K., Adhav K.S., Purandare M.A.	0004640X	Astrophysics and Space Science	357	1	6
318	2015	Minimally interacting holographic Dark energy model in Brans-Dicke theory	Kiran M., Reddy D.R.K., Rao V.U.M.	0004640X	Astrophysics and Space Science	356	2	30
319	2015	Enhancement of wear and ballistic resistance of armour grade AA7075 aluminium alloy using friction stir processing	Sudhakar I., Madhu V., Madhusudhan Reddy G., Srinivasa Rao K.	22149147	Defence Technology	11	1	47
320	2015	Stationary spherically symmetric one-kink model in Saez-Ballester theory of gravitation	Kiran M., Reddy D.R.K., Rao V.U.M., Bhaskara Rao M.P.V.V.	0004640X	Astrophysics and Space Science	356	1	1
321	2015	Adaptive fault identification and classification methodology for smart power grids using synchronous phasor angle measurements	Gopakumar P., Reddy M.J.B., Mohanta D.K.	17518687	IET Generation, Transmission and Distribution	9	2	38
322	2015	Reliability analysis of phasor measurement unit incorporating hardware and software interaction failures	Roy D.S., Murthy C., Mohanta D.K.	17518687	IET Generation, Transmission and Distribution	9	2	13
323	2015	A novel clustering approach using hadoop distributed environment	Vadaparthi N., Srinivas Rao P., Srinivas Y., Athmaja M.	2191530X	SpringerBriefs in Applied Sciences and Technology			0
324	2015	An efficient data integration framework in cloud using mapreduce	Srinivasa Rao P., Krishna Prasad M.H.M., Thammi Reddy K.	2191530X	SpringerBriefs in Applied Sciences and Technology			0
325	2015	Solvability of p-laplacian fractional higher order two-point boundary value problems	Prasad K.R., Krushna B.M.B.	10832564	Communications in Applied Analysis	19		1
326	2015	Modeling and testing of frequency adaptive phasor measurement unit	Kumar D., Ghosh D., Mohanta D.K.		IET Conference Publications	2015	683	3
327	2015	The need for virtual water credits and trading system	Shankar S.R., Jayasri A.S.V.	16069749	Water Science and Technology: Water Supply	15	5	0
328	2015	A novel rough set attribute reduction based on ant colony optimisation	Ravi Kiran Varma P., Valli Kumari V., Srinivas Kumar S.	17408865	International Journal of Intelligent Systems Technologies and Applications	14	3-4	16

329	2015	Frequency notched UWB printed monopole antenna with protruding strips inside rectangular slot	Sudhakar A., Satyanarayana M., Sunil Prakash M., Sharma S.K.	9746846	Indian Journal of Science and Technology	8	29	3
330	2015	An Experimental Study on Corrosion Behavior of En8 and En24 Grade Steels	I A.D., Sudhakar I., Ramana V.S.N.V.	22147853	Materials Today: Proceedings	2	4-5	6
331	2015	Single band-notched UWB square monopole antenna with double U-slot and key shaped slot	Sudhakar A., Satyanarayana M., Prakash M.S., Sharma S.K.		Proceedings - 2015 5th International Conference on Communication Systems and Network Technologies, CSNT 2015			4
332	2015	Design of triple-layer double U-slot patch antenna for wireless applications	Darimireddy N.K., Ramana Reddy R., Mallikarjuna Prasad A.	16656423	Journal of Applied Research and Technology	13	5	12
333	2015	Effect of Cr^{3+} substitution on structural, magnetic and dielectric properties of nanocrystalline $Ni_{0.5} Zn_{0.5} Cr_x Fe_{2-x} O_4$ ferrite system	Prasad M.S.R., Babu B.R., Ramesh K.V., Trinath K.	17932920	Nano	10	7	1
334	2015	WLAN band notched UWB square monopole antenna with swastik and C shaped slot	Sudhakar A., Satyanarayana M., Sunil Prakash M., Sharma S.K.	9734562	International Journal of Applied Engineering Research	10	20	2
335	2015	An improved pattern extraction from frames in text mining	Sankara Babu B., Rajasekhar Rao K., Satheesh P.	9734562	International Journal of Applied Engineering Research	10	17	0
336	2015	Efficient 2D-DCT architecture for video applications	Lalitha R., Suryaprasad P.	9734562	International Journal of Applied Engineering Research	10	17	0
337	2015	Effect of sintering temperature on the micro strain and magnetic properties of Ni-Zn nanoferrites	Venkatesh D., Siva Ram Prasad M., Rajesh Babu B., Ramesh K.V., Trinath K.	12261750	Journal of Magnetics	20	3	5
338	2015	Application of gravitational search algorithm to improve power system security by optimal placement of FACTS devices	Venkata Padmavathi S., Sahu S.K., Jayalaxmi A.	11125209	Journal of Electrical Systems	11	3	4
339	2015	Dielectric properties of $Pr_6 O_{11}$ nanorods grown chemically at low temperature and atmospheric pressure	Sharma L., Ganesan P., Kumar R., Senguttuvan T.D., Singh V.N.	9763961	Advanced Materials Letters	6	9	1

340	2015	Single band frequency notched square monopole UWB antenna with extended stepped side inverted U slot	Sudhakar A., Satyanarayana M., Prakash M.S., Sharma S.K.	15530396	International Journal of Microwave and Optical Technology	10	5	3
341	2015	Transmission line fault detection and localisation methodology using PMU measurements	Gopakumar P., Reddy M.J.B., Mohanta D.K.	17518687	IET Generation, Transmission and Distribution	9	11	59
342	2015	Fault Detection and Localization Methodology for Self-healing in Smart Power Grids Incorporating Phasor Measurement Units	Gopakumar P., Reddy M.J.B., Mohanta D.K.	15325008	Electric Power Components and Systems	43	6	15
343	2015	Magnetic, structural and dc electrical resistivity studies on the divalent cobalt substituted Ni-Zn ferrite system	Siva Ram Prasad M., Prasad B.B.V.S.V., Rajesh Babu B.	2179792	International Journal of Modern Physics B	29	12	6
344	2015	Reliability based optimal design of a municipal water supply pipe network	Chandramouli S.	1573062X	Urban Water Journal	12	5	3
345	2015	Implementation of printed microstrip apollonian gasket fractal antenna for multi band wireless applications	Raj V.D., Prasad A.M., Satyanarayana M., Prasad G.M.V.		International Conference on Signal Processing and Communication Engineering Systems - Proceedings of SPACES 2015, in Association with IEEE			8
346	2015	Deflections in non-prismatic simply supported prestressed concrete beams	Raju Ponnada M., Sandeep Thonangi R.	15630854	Asian Journal of Civil Engineering	16	4	2
347	2015	Numerical modelling and spatial moment analysis of solute transport with Langmuir sorption in a fracture matrix-coupled system	Natarajan N., Kumar G.S.	9715010	ISH Journal of Hydraulic Engineering	21	1	9
348	2014	Liquid-Wall Mass Transfer in Homogeneous Flow with Coaxially Placed String of Hemispheres	Reddy G.V.S.K., Murthy M.S.N., Srinivas B., Ramesh K.V.	22502483	Journal of The Institution of Engineers (India): Series E	95	2	3
349	2014	Minimally interacting holographic dark energy model in a scalar-tensor theory of gravitation	Kiran M., Reddy D.R.K., Rao V.U.M.	0004640X	Astrophysics and Space Science	354	2	29
350	2014	Five dimensional radiating model in Brans-Dicke theory of gravitation	Reddy D.R.K., Vijaya Lakshmi G.V.	0004640X	Astrophysics and Space Science	354	2	2

351	2014	N,N-Dimethyl-4-amino pyridine (DMAP) as a novel and sensitive reagent for the spectrophotometric determination of copper(II)	Kumar G.V.S.R.P., Sekhar T.C., Paul V.L., Murty B.S.	194522	Journal of the Indian Chemical Society	91	11	0
352	2014	Cation distribution, structural and electric studies on cadmium substituted nickel-zinc ferrite	Prasad B.B.V.S.V.	2179849	Modern Physics Letters B	28	19	14
353	2014	Kantowski-Sachs bulk viscous cosmological model in a scalar-tensor theory of gravitation	Reddy D.R.K., Bharathi D., Vijaya Lakshmi G.V.	0004640X	Astrophysics and Space Science	351	2	4
354	2014	Two fluid scenario for dark energy model in Brans-Dicke theory of gravitation	Reddy D.R.K., Anitha S., Umadevi S.	0004640X	Astrophysics and Space Science	350	2	1
355	2014	New developments in cosmology and gravitation from extended theories of general relativity	Bellini M., Adhav K., Madriz Aguilar J.E., Reddy D.R.K.	16877357	Advances in High Energy Physics	2014		0
356	2014	Anisotropic bulk viscous cosmological models in a modified gravity	Reddy D.R.K., Bhuvana Vijaya R., Vidya Sagar T., Naidu R.L.	0004640X	Astrophysics and Space Science	350	1	5
357	2014	Influence of improvement of generation dispatch together with generation scheduling on wheeling cost	Kiran I.K., Laxmi A.J.	11125209	Journal of Electrical Systems	10	1	0
358	2014	Bianchi type-VI$_0$ bulk viscous string cosmological model in Brans-Dicke scalar-tensor theory of gravitation	Vidyasagar T., Naidu R.L., Bhuvana Vijaya R., Reddy D.R.K.	21905444	European Physical Journal Plus	129	2	5
359	2014	Design of a compact multi-band antenna for wireless applications by using WIPL-D	Dayal P.A.S., Lakshmi V.R., Satyanarayana M.		Annual Review of Progress in Applied Computational Electromagnetics	2014-		0
360	2014	Study of electrical and magnetic properties of Ni - Zn - Mg ferrite system	Babu B.R., Prasad B.B.V.S.V., Prasad M.S.R.	2179849	Modern Physics Letters B	28	31	4
361	2014	A Fight against Digital Video Content Infringement over Internet	Srinivas B., Rao K.V., Varma P.S.	9734562	International Journal of Applied Engineering Research	9	22	0
362	2014	Kantowski-Sachs bulk viscous string cosmological model in f(R,T) gravity	Reddy D.R.K., Anitha S., Umadevi S.	21905444	European Physical Journal Plus	129	5	17

363	2014	Structural and Magnetic Studies on Chromium substituted Ni-Zn Nano Ferrite Synthesized by Citrate Gel Auto Combustion Method	Prasad M.S.R., Babu B.R., Ramesh K.V., Trinath K.	15571939	Journal of Superconductivity and Novel Magnetism	27	12	17
364	2014	Non-existence of kinks in a modified gravity	Reddy D.R.K., Babu S., Raju P.	0004640X	Astrophysics and Space Science	353	1	1
365	2014	Bianchi type-V bulk viscous string cosmological model in scale-covariant theory of gravitation	Reddy D.R.K., Vijaya Lakshmi V.	0004640X	Astrophysics and Space Science	353	1	3
366	2014	Numerical modelling of thermal transport and quartz precipitation/ dissolution in a coupled fracture-skin-matrix system	Natarajan N., Xu C., Dowd P.A., Hand M.	179310	International Journal of Heat and Mass Transfer	78		5
367	2014	Eigenvalues for iterative systems of Sturm-Liouville fractional order two-point boundary value problems	Prasad K.R., Krushna B.M.B.	13110454	Fractional Calculus and Applied Analysis	17	3	8
368	2014	Multiple positive solutions for a coupled system of p-Laplacian fractional order two-point boundary value problems	Prasad K.R., Krushna B.M.B.	16879643	International Journal of Differential Equations	2014		5
369	2014	Kantowski-Sachs bulk viscous string cosmological model in Brans-Dicke theory of gravitation	Reddy D.R.K., Bharati D., Vijaya Lakshmi G.V.	0004640X	Astrophysics and Space Science	351	1	4
370	2014	Bianchi type-II Bulk viscous string cosmological model in self-creation theory of gravitation	Reddy D.R.K., Bhaskara Rao M.P.V.V., Sobhan Babu K.	0004640X	Astrophysics and Space Science	351	1	3
371	2014	Response surface modeling and optimization of chromium (VI) removal from waste water using custard apple peel powder	Krishna D., Sree R.P.	16863933	Walailak Journal of Science and Technology	11	6	3
372	2014	Semi-complementary graphs	Siva Rama Raju S.V., Nagaraja Rao I.H.	16860209	Thai Journal of Mathematics	12	1	0
373	2014	A model view controller based Self-Adjusting Clustering Framework	Chandakanna V.R., Vatsavayi V.K.	1641212	Journal of Systems and Software	89	1	5

374	2014	Rail transit route optimization model for rail infrastructure planning and design: Case study of Saint Andrews, Scotland	Kang M.-W., Jha M.K., Buddharaju R.	0733947X	Journal of Transportation Engineering	140	1	5
375	2014	Bianchi type-V bulk viscous string cosmological model in Saez-Ballester scalar-tensor theory of gravitation	Reddy D.R.K., Naidu R.L., Sobhan Babu K., Dasu Naidu K.	0004640X	Astrophysics and Space Science	349	1	6
376	2014	Bianchi type-III bulk viscous string cosmological model in Brans-Dicke theory of gravitation	Vidya Sagar T., Purnachandra Rao C., Bhuvana Vijaya R., Reddy D.R.K.	0004640X	Astrophysics and Space Science	349	1	11
377	2014	Bianchi type-III bulk viscous cosmic string model in a scalar-tensor theory of gravitation	Vidyasagar T., Purnachandra Rao C., Bhuvana Vijaya R., Reddy D.R.K.	0004640X	Astrophysics and Space Science	349	1	9
378	2014	Kaluza-Klein dark energy cosmological model in scale Co-variant Theory of Gravitation	Reddy D.R.K., Santhi Kumar R.	0004640X	Astrophysics and Space Science	349	1	4
379	2014	Nano-size ZnS: A novel, efficient and recyclable catalyst for A^3-coupling reaction of propargylamines	Eagalapati N.P., Rajack A., Murthy Y.L.N.	13811169	Journal of Molecular Catalysis A: Chemical	381		41
380	2014	Improved method of estimating deflection in prestressed steel I-beams	Raju Ponnada M., Vipparthy R.	15630854	Asian Journal of Civil Engineering	15	2	2
381	2013	Anisotropic bulk viscous string cosmological model in a scalar-tensor theory of gravitation	Reddy D.R.K., Rao C.P., Vidyasagar T., Bhuvana Vijaya R.	16877357	Advances in High Energy Physics	2013		10
382	2013	Implementing a sustainable methodology for assessment of course outcomes and program outcomes in an Indian Engineering Institute	Mahadevan R., Shivaprakash N.C., Khobragade N.T., Raju K.V.L., Nageswara Rao V.V.		Proceedings of 2013 IEEE International Conference on Teaching, Assessment and Learning for Engineering, TALE 2013			6
383	2013	A novel framework for video content infringement detection and prevention	Kumar G.S., Manikanta G., Srinivas B.		Proceedings of the 2013 International Conference on Advances in Computing, Communications and Informatics, ICACCI 2013			2
384	2013	Multiple positive solutions for a coupled system of riemann-liouville fractional order two-point boundary value problems	Prasad K.R., Krushna B.M.B.	13598678	Nonlinear Studies	20	4	11

385	2013	Influence of viscosity on drag in presence of polymer solutions in gravity driven flow system	Rao P.S., Subbarao C.V., Raju G.M.J., Prasad V.S.R.K.	10642277	International Journal of Fluid Mechanics Research	40	6	0
386	2013	Industrial wastes as adsorbents for the removal of chromium from waste water: A review	RaviKishore G., Padma Sree R., Krishna D.	0972768X	International Journal of Chemical Sciences	11	3	3
387	2013	Drag reduction by surfactant solutions in gravity driven flow systems	Subbarao C.V., Phanikumar Yadav Y., King P.	10219986	Iranian Journal of Chemistry and Chemical Engineering	32	2	3
388	2013	Bianchi type-V bulk viscous string cosmological model in f(R,T) gravity	Naidu R.L., Reddy D.R.K., Ramprasad T., Ramana K.V.	0004640X	Astrophysics and Space Science	348	1	36
389	2013	LRS Bianchi type-II bulk viscous cosmic string model in a scale covariant theory of gravitation	Reddy D.R.K., Naidu R.L., Ramprasd T., Ramana K.V.	0004640X	Astrophysics and Space Science	348	1	11
390	2013	Analytical Study on Prestressed Steel I-Beam Strengthened in Compression by Angles	Ponnada M.R., Vipparthy R.	22502149	Journal of The Institution of Engineers (India): Series A	94	3	2
391	2013	Artificial Neural Network and Response Surface Methodology Approach for Modeling and Optimization of Chromium (VI) Adsorption from Waste Water using Ragi Husk Powder	Krishna D., Sree R.P.	194506	Indian Chemical Engineer	55	3	9
392	2013	A five dimensional Kaluza-Klein bulk viscous string cosmological model in Brans-Dicke scalar-tensor theory of gravitation	Naidu R.L., Dasu Naidu K., Shobhan Babu K., Reddy D.R.K.	0004640X	Astrophysics and Space Science	347	1	15
393	2013	Improved method of estimating deflection in prestressed steel I-beams	Raju Ponnada M., Vipparthy R.	15630854	Asian Journal of Civil Engineering	14	5	2
394	2013	Non-existence of Bianchi type-III bulk viscous string cosmological model in f(R,T) gravity	Kiran M., Reddy D.R.K.	0004640X	Astrophysics and Space Science	346	2	33
395	2013	Congruences and ideals in a distributive lattice with respect to a derivation	Rao M.S.	1380680	Bulletin of the Section of Logic	42	1-2	1
396	2013	Drag reduction by Anionic surfactant solutions in gravity driven flow system	Subbarao C.V., Divya P., Appala Naidu D., King P.	10219986	Iranian Journal of Chemistry and Chemical Engineering	32	1	3
397	2013	Kaluza-Klein universe with cosmic strings and bulk viscosity in f(R,T) gravity	Reddy D.R.K., Naidu R.L., Dasu Naidu K., Ram Prasad T.	0004640X	Astrophysics and Space Science	346	1	40

398	2013	LRS Bianchi type-II universe with cosmic strings and bulk viscosity in a modified theory of gravity	Reddy D.R.K., Naidu R.L., Dasu Naidu K., Ram Prasad T.	0004640X	Astrophysics and Space Science	346	1	22
399	2013	Use of surfactant solutions for drag reduction in gravity driven flow systemsy	Subbarao C.V., Divya, Naidu D.A., King P.	10642277	International Journal of Fluid Mechanics Research	40	3	0
400	2013	Towards artificial intelligence based diesel engine performance control under varying operating conditions using support vector regression	Naradasu R.V., Srinathu J., Ramakrishnan R.	3549836	Thermal Science	17	1	4
401	2013	E-filters of MS-algebras	Rao M.S.	2529602	Acta Mathematica Scientia	33	3	0
402	2013	A facile synthesis of 3,4-dihydropyrimidinones/thiones and novel N-dihydro pyrimidinone-decahydroacridine-1,8-diones catalyzed by cellulose sulfuric acid	Rajack A., Yuvaraju K., Praveen Ch., Murthy Y.L.N.	13811169	Journal of Molecular Catalysis A: Chemical	370		50
403	2013	Two Fluid Scenario for Dark Energy Model in a Scalar-Tensor Theory of Gravitation	Reddy D.R.K., Santhi Kumar R.	207748	International Journal of Theoretical Physics	52	4	16
404	2013	Kaluza-Klein Universe with Cosmic Strings and Bulk Viscosity in a Scalar-Tensor Theory of Gravitation	Reddy D.R.K., Santhi Kumar R., Pradeep Kumar T.V.	207748	International Journal of Theoretical Physics	52	4	13
405	2013	Some anisotropic cosmological models in a modified theory of gravitation	Reddy D.R.K., Santhi Kumar R.	0004640X	Astrophysics and Space Science	344	1	48
406	2013	Finite element analysis of elliptical chord: Tubular t-Joints	Narayana K.S., Naik R.T., Mouli R.C., Rao L.V.V.G., Naik R.T.B.	21561680	International Journal of Manufacturing, Materials, and Mechanical Engineering	3	4	0
407	2013	Performance of prestressed homogeneous steel I-beam and I-beam strengthened in compression	Ravindra V., Raju P.M.	9700137	Journal of Structural Engineering (India)	40	4	2
408	2013	Intelligent automation of design and manufacturing in machine tools using an open architecture motion controller	Ramesh R., Jyothirmai S., Lavanya K.	2786125	Journal of Manufacturing Systems	32	1	25
409	2013	Independent power producer locality effect on wheeling cost	Kranthi Kiran I., Jaya Laxmi A.	19749821	International Review on Modelling and Simulations	6	5	0

410	2013	Development of public libraries through public-private partnership in India: Issues and challenges	Muralidhar D., Koteswara Rao M.	9740643	DESIDOC Journal of Library and Information Technology	33	1	4
411	2013	Bianchi type-III Dark Energy Model in f(R,T) Gravity	Reddy D.R.K., Santhi Kumar R., Pradeep Kumar T.V.	207748	International Journal of Theoretical Physics	52	1	52
412	2013	Power system insulator condition monitoring automation using mean shift tracker-FIS combined approach	Murthy V.S., Mohanta D.K., Gupta S.	17572657	International Journal of Computer Aided Engineering and Technology	5	1	6
413	2012	Lattice based tools for cryptanalysis in various applications	Santosh Kumar R., Narasimham C., Pallam Setty S.	18678211	Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, LNICST	84	1	1
414	2012	Normal filters of distributive lattices	Sambasiva Rao M.	1380680	Bulletin of the Section of Logic	41	3-4	0
415	2012	Particle swarm optimization and genetic algorithm based harmonic mitigation methods	Kumar K.S.R., Divya V., Prasanna N.S.		PEDES 2012 - IEEE International Conference on Power Electronics, Drives and Energy Systems			1
416	2012	Design of printed rectangular monopole antennas for UWB applications	Kumar V.N.L., Satyanarayana M., Pavan B., Kumar K.V., Krishna A.V.		2012 International Conference on Radar, Communication and Computing, ICRCC 2012			2
417	2012	σ-Ideals of almost distributive lattices	Sambasiva Rao M., Rao G.C.	17935571	Asian-European Journal of Mathematics	5	4	0
418	2012	Tuning of PID Controllers for Continuous Stirred Tank Reactors	Krishna D., Suryanarayana K., Aparna G., Padma Sree R.	194506	Indian Chemical Engineer	54	3	5
419	2012	Review on efflux time	Subbarao C.V., Rao P.S., Raju G.M.J., Prasad V.S.R.K.	0972768X	International Journal of Chemical Sciences	10	3	2
420	2012	New energy sources and its sustainability	Sastry S.V.A.R., Sreenu P.		AICERA 2012 - Annual International Conference on Emerging Research Areas: Innovative Practices and Future Trends			2
421	2012	Applications of nanotechnology in the field of environment	Sastry S.V.A.R., Sreenu P.		AICERA 2012 - Annual International Conference on Emerging Research Areas: Innovative Practices and Future Trends			1
422	2012	Bianchi type-III cosmological model in f(R,T) theory of gravity	Reddy D.R.K., Santikumar R., Naidu R.L.	0004640X	Astrophysics and Space Science	342	1	96

423	2012	Field of a charged particle in a scalar-tensor theory of gravitation	Reddy D.R.K., Vidyasagar T., Satyanarayana B.	0004640X	Astrophysics and Space Science	342	1	2
424	2012	Analytical approach for the prediction of steady state tyre forces and moments under different normal pressure distributions	Srinivasa Rao S., Ramji K., Naidu M.K.	224898	Journal of Terramechanics	49	5	3
425	2012	Cost benefit analysis of distribution network using micro generation	Srinivasa Rao A., Gowrisankara Rao R., Narasimham S.V.L., Srinivasa Rao R.	9746846	Indian Journal of Science and Technology	5	10	1
426	2012	A Dark Energy Model in a Scale Covariant Theory of Gravitation	Reddy D.R.K., Naidu R.L., Satyanarayana B.	207748	International Journal of Theoretical Physics	51	10	7
427	2012	Kaluza-Klein Cosmological Model in f(R,T) Gravity	Reddy D.R.K., Naidu R.L., Satyanarayana B.	207748	International Journal of Theoretical Physics	51	10	49
428	2012	Design, solvent free synthesis, and antimicrobial evaluation of 1,4 dihydropyridines	Murthy Y.L.N., Rajack A., Taraka Ramji M., Jeson Babu J., Praveen C., Aruna Lakshmi K.	0960894X	Bioorganic and Medicinal Chemistry Letters	22	18	48
429	2012	On filters of implicative n.p.o. semigroups	Rao M.S., Shum K.P.	17935571	Asian-European Journal of Mathematics	5	3	2
430	2012	Bianchi Type-III Dark Energy Model in a Saez-Ballester Scalar-Tensor Theory	Naidu R.L., Satyanarayana B., Reddy D.R.K.	207748	International Journal of Theoretical Physics	51	9	20
431	2012	Dissolution of benzoic acid using mixed hydrotropes	Subbarao C.V., Suresh P., Siva Prasad C.	9758216	Pharma Research	6	2	0
432	2012	Modeling and simulation of azeotropic distillation for chloroform (1) + methanol (2) + acetone (3)	Krishna D., Kumar G.S.		IEEE-International Conference on Advances in Engineering, Science and Management, ICAESM-2012			1
433	2012	δ-ideals in pseudo-complemented distributive lattices	Sambasiva Rao M.	448753	Archivum Mathematicum	48	2	3
434	2012	Bianchi Type-V Dark Energy Model in a Scalar-Tensor Theory of Gravitation	Naidu R.L., Satyanarayana B., Reddy D.R.K.	207748	International Journal of Theoretical Physics	51	7	33
435	2012	Kernel ideals in almost distributive lattices	Sambasiva Rao M., Rao G.C.	17935571	Asian-European Journal of Mathematics	5	2	1
436	2012	B-Filters of Ms-algebras	Sambasiva Rao M.	17935571	Asian-European Journal of Mathematics	5	2	1
437	2012	Five dimensional dark energy model in a scalar-tensor theory of gravitation	Reddy D.R.K., Satyanarayana B., Naidu R.L.	0004640X	Astrophysics and Space Science	339	2	17

438	2012	Monotone iterative technique for hybrid caputo fractional differential equations	Devi J.V., Sastry M.K.	12013390	Dynamics of Continuous, Discrete and Impulsive Systems Series A: Mathematical Analysis	19	3	3
439	2012	FRCT based efficient image compression for texture images	Santosh D.H.H., Dasari P., Kiran N.L.S., Prasad P.S.		2012 International Conference on Computing, Communication and Applications, ICCCA 2012			1
440	2012	LRS Bianchi type-II dark energy model in a scalar-tensor theory of gravitation	Naidu R.L., Satyanarayana B., Reddy D.R.K.	0004640X	Astrophysics and Space Science	338	2	29
441	2012	LRS Bianchi type-II Universe with cosmic strings and bulk viscosity in a scalar tensor theory of gravitation	Naidu R.L., Satyanarayana B., Reddy D.R.K.	0004640X	Astrophysics and Space Science	338	2	11
442	2012	Axially symmetric radiating cosmological model in a self-creation cosmology	Reddy D.R.K., Naidu R.L.	0004640X	Astrophysics and Space Science	338	2	2
443	2012	Enhancing the security for information with virtual data centers in cloud	Sreenivas V., ArunaKumari B., VenkataRao J.	18761100	Lecture Notes in Electrical Engineering	143	1	1
444	2012	Functions of hydrotropes in solutions	Subbarao C.V., Chakravarthy I.P.K., Sai Bharadwaj A.V.S.L., Prasad K.M.M.	9307516	Chemical Engineering and Technology	35	2	44
445	2012	An efficient data structure for document clustering using k-means algorithm	Killani R., Satapathy S.C., Sowjanya A.M.	18675662	Advances in Intelligent and Soft Computing	132		0
446	2012	Mathematical analysis & parametric optimization on performance of steam generator for subcritical power plants	Ravindra Kumar P., Raju V.R., Ravi Kumar N.	19708734	International Review of Mechanical Engineering	6	7	0
447	2012	Estimation of infiltration characteristics of coastal belt of Srikakulam	Venkata Rao G., Chandramouli S., Sundara Kumar K.	2537141	Indian Journal of Environmental Protection	32	5	0
448	2012	Optimization of surface damping treatments for vibration control of marine structures	Ranganath B.A., Kamalakar K., Koona R.	19708734	International Review of Mechanical Engineering	6	4	0
449	2011	Review on applications, extraction, isolation and analysis of cashew nut shell liquid (CNSL)	Subbarao C.N.V., Krishna Prasad K.M.M., Prasad V.S.R.K.	9758216	Pharma Research	6	1	21
450	2011	Design of slot arrays for symmetric sum patterns to reduce close-in side lobes	Satyanarayana M., Raju G.S.N.	12595985	Modelling, Measurement and Control A	84	1-2	0

451	2011	Application of PI, fuzzy logic and ANN in improvement of power quality using UPQC	Ravi Kumar K.S., Sastry S.V.A.R.		IET Conference Publications	2011	583	7
452	2011	Packet scheduling scheme with enhanced quality of service for mobile WiMAX	Sampath Kumar V., Kalyana Chakravarthy C., Priyanka V.R.L.	18650929	Communications in Computer and Information Science	204		0
453	2011	Unsupervised medical image classification based on skew Gaussian mixture model and hierarchical clustering algorithm	Vadaparthi N., Yarramalle S., Suresh Varma P.	18650929	Communications in Computer and Information Science	205		0
454	2011	Image retrieval with rotation invariance	Chandrasekhar P.N.R.L., Suryaprasad P., Kumar M.V., Santosh D.H.H.		ICECT 2011 - 2011 3rd International Conference on Electronics Computer Technology	2		1
455	2011	Efficient techniques for denoising of speckle and highly corrupted impulse noise images	Santosh D.H.H., Kumar V.N.L., Ramesh D.R., Prasad P.S.		ICECT 2011 - 2011 3rd International Conference on Electronics Computer Technology	3		13
456	2011	Magnetic properties and DC electrical resistivity studies on cadmium substituted nickelzinc ferrite system	Siva Ram Prasad M., Prasad B.B.V.S.V., Rajesh B., Rao K.H., Ramesh K.V.	3048853	Journal of Magnetism and Magnetic Materials	323	16	77
457	2011	Green technology for biodiesel formation	Sastry S.V.A.R., Gupta A.K., Ramesh P.		International Conference and Workshop on Emerging Trends in Technology 2011, ICWET 2011 - Conference Proceedings			0
458	2011	Generation of asymmetrical difference patterns from array antennas	Satyanarayana M., Raju G.	20818491	International Journal of Electronics and Telecommunications	57	2	2
459	2011	Mechanistic studies of ruthenium(III)-catalyzed oxidation of DL-methionine by hexacyanoferrate(III) in an alkaline medium	Rao B.D., Sarathi T.V.N.P., Annapurna N., Vani P.	17415993	Journal of Sulfur Chemistry	32	3	2
460	2011	Efflux time comparison for tanks of different geometries	Subbarao C.V., Singh P.V.G., Kishore S., Sarma C.B., Prasad V.S.R.K.	10642277	International Journal of Fluid Mechanics Research	38	1	1
461	2011	Carbon capture for reducing CO_2 emissions	Sarva Rao B., Rao B.K.B.	92517	Chemical Engineering World	46	4	0
462	2011	Digital image processing approach using combined wavelet hidden Markov model for well-being analysis of insulators	Murthy V.S., Gupta S., Mohanta D.K.	17519659	IET Image Processing	5	2	22

463	2011	Modern radars and the generation of specified antenna radiation patterns	Satyanarayana M., Raju G.S.N.	20395086	International Journal on Communications Antenna and Propagation	1	2	6
464	2011	Unsupervised medical image segmentation on brain MRI images using Skew Gaussian distribution	Vadaparthi N., Srinivas Y., Penumatsa S.V.		International Conference on Recent Trends in Information Technology, ICRTIT 2011			6
465	2011	Video surveillance-based insulator condition monitoring analysis for substation monitoring system (SMS)	Murthy V.S., Mohanta D.K., Gupta S.	14666642	International Journal of Information and Communication Technology	3	1	10
466	2011	Kinetics and mechanism of oxidation of glycine by permanganate in alkaline medium	Partha Sarathi T.V.N., Dharma Rao B., Nageswara Rao G., Vani P.	9758585	Research Journal of Pharmaceutical, Biological and Chemical Sciences	2	1	0
467	2010	Drag reduction by polymer additions in once through systems	Subbarao Ch.V., Rao G.M., King P., Bhaskara Sarma C., Prasad V.S.R.K.	10642277	International Journal of Fluid Mechanics Research	37	5	5
468	2010	Effective document clustering with particle swarm optimization	Killani R., Rao K.S., Satapathy S.C., Pradhan G., Chandran K.R.	3029743	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	6466		5
469	2010	Protonation equilibria of glycine, 1,10-phenanthroline and 2,2-bipyridyl in ethylene glycol-water mixtures	Partha Sarathi T.V.N., Nageswara Rao G., Vani P.	9542299	Chemical Speciation and Bioavailability	22	4	5
470	2010	Performance and emission studies on DI-diesel engine fueled with pongamia methyl ester injection and methanol carburetion	Haribabu N., Appa Rao B.V., Adinarayana S., Sekhar Y.M.C., Rambabu K.	18234690	Journal of Engineering Science and Technology	5	1	8
471	2010	Role of intra-seasonal oscillations on monsoon floods and droughts over India	Kumar O.S.R.U.B., Rao S.R., Ranganathan S., Raju S.S.	19767633	Asia-Pacific Journal of Atmospheric Sciences	46	1	6
472	2010	Insulator condition analysis for overhead distribution lines using combined wavelet support vector machine (SVM)	Murthy V.S., Tarakanath K., Mohanta D.K., Gupta S.	10709878	IEEE Transactions on Dielectrics and Electrical Insulation	17	1	42
473	2010	Prediction of tyre/road interface under different normal pressure distributions with elliptical contact patch	Rao S.S., Ramji K.	19708734	International Review of Mechanical Engineering	4	6	0

474	2010	Design optimisation of finned channel	Seakher K.M.C., Prakash Kumar L.S.S., Kali Prasad K.S.R., Manasa K.H., Siva Kumar A.		ASME International Mechanical Engineering Congress and Exposition, Proceedings	9		0
475	2009	Improved credit based scheduling scheme with QOS in IEEE 802.16 WBA networks	Kalyana Chakravarthy C., Prasad Reddy P.V.G.D.		International Conference on Wireless Networks and Information Systems, WNIS 2009			1
476	2009	Intelligent ethernet based open architecture control system for machine tools	Ramesh R., Poo A.N.		Proceedings - 2009 IEEE International Conference on Intelligent Computing and Intelligent Systems, ICIS 2009	2		2
477	2009	Kantowaski-Sachs inflationary universe in general relativity	Reddy D.R.K., Adhav K.S., Katore S.D., Wankhade K.S.	207748	International Journal of Theoretical Physics	48	10	15
478	2009	A higher dimensional cosmological model in a scale-covariant theory of gravitation	Reddy D.R.K.	207748	International Journal of Theoretical Physics	48	11	4
479	2009	Automated intelligent manufacturing system for surface finish control in CNC milling using support vector machines	Ramesh R., Ravi Kumar K.S., Anil G.	2683768	International Journal of Advanced Manufacturing Technology	42	11-12	11
480	2009	Distribution system insulator monitoring using video surveillance and support vector machines for complex background images	Murthy V.S., Gupta S., Mohanta D.K.	17571154	International Journal of Power and Energy Conversion	1	1	8
481	2009	Second law analysis of an irreversible Braysson cycle	Sreenivas B., Chandramouli R., Sudhakar I., Thulasiram A.R.	17428297	International Journal of Exergy	6	6	2
482	2009	Kaluza-klein cosmological model in self-creation cosmology	Reddy D.R.K., Naidu R.L.	207748	International Journal of Theoretical Physics	48	1	17
483	2009	A plane symmetric Bianchi type-I inflationary universe in general relativity	Reddy D.R.K., Rao S.A., Naidu R.L.	0004640X	Astrophysics and Space Science	319	1	4
484	2008	Sum patterns from array of longitudinal slots	Ramana Reddy R.R., Satyanarayana M., Raju G.S.N.		Proceedings of the International Conference on Electromagnetic Interference and Compatibility			0
485	2008	A higher dimensional cosmic domain wall in brans-dicke theory of gravitation	Reddy D.R.K., Rao P.G., Naidu R.L.	207748	International Journal of Theoretical Physics	47	12	4
486	2008	Effect of polymer additives on the dynamics of a fluid for once through system	Subbarao Ch.V., King P., Prasad V.S.R.K.	10642277	International Journal of Fluid Mechanics Research	35	4	12

487	2008	Five dimensional domain walls in a scalar-tensor theory of gravitation	Reddy D.R.K., Govinda Rao P., Naidu R.L.	207748	International Journal of Theoretical Physics	47	11	10
488	2008	A higher dimensional inflationary universe in general relativity	Reddy D.R.K., Naidu R.L.	207748	International Journal of Theoretical Physics	47	9	15
489	2008	On axially symmetric domain walls and cosmic strings in bimetric theory	Reddy D.R.K., Naidu R.L., Rao V.U.M.	207748	International Journal of Theoretical Physics	47	6	6
490	2008	Axially symmetric inflationary universe in general relativity	Reddy D.R.K., Naidu R.L., Rao S.A.	207748	International Journal of Theoretical Physics	47	4	8
491	2008	Tracking of multiple objects using MPEG-7 visual standards	Sreerama Murthy V., Surya Prasad P., Gupta S., Mohanta D.K.		Proceedings - International Conference on Computational Intelligence and Multimedia Applications, ICCIMA 2007	3		0
492	2008	Developing a rate-equation for production of L-lysine by immobilized cells of Corynebacterium species	Sarva Rao B., Swamy A.V.N.	92517	Chemical Engineering World	43	3	0
493	2008	A robust framework for automated digital video inpainting	Grover S., Mittal A., Gupta S., Sarje A.K., Kaushik N.	17480698	International Journal of Signal and Imaging Systems Engineering	1	3-4	1
494	2008	A new algorithm for minimum loss reconfiguration of distribution networks determining critical switches	Regulavalasa G.R., Annapantula S.R., Sadhu V.L.N., Bhanagarapu H.R.	18276660	International Review of Electrical Engineering	3	2	12
495	2007	Carbon capture in petrochemical operations	Bhaskararao B.K.	1362363X	Petroleum Technology Quarterly	12	5	1
496	2007	Thermodynamic analysis of heat recovery steam generator in combined cycle power plant	Ravi Kumar N., Rama Krishna K., Sita Rama Raju A.V.	3549836	Thermal Science	11	4	27
497	2007	Noise pollution in refineries	Bhaskararao B.K.	188190	Hydrocarbon Processing	86	11	0
498	2007	Bianchi type-IX cosmic strings in a scalar-tensor theory of gravitation	Reddy D.R.K., Naidu R.L.	0004640X	Astrophysics and Space Science	312	1-2	16
499	2007	Cosmic strings and domain walls in a scale-covariant theory of gravitation	Reddy D.R.K., Naidu R.L.	207748	International Journal of Theoretical Physics	46	11	17
500	2007	A higher-dimensional string cosmological model in Brans-Dicke theory of gravitation	Reddy D.R.K., Naidu R.L., Atchuta Rao S., Devi K.N.	0004640X	Astrophysics and Space Science	310	3-4	10

501	2007	A cosmological model with negative constant deceleration parameter in Brans-Dicke theory	Reddy D.R.K., Naidu R.L., Rao V.U.M.	207748	International Journal of Theoretical Physics	46	6	30
502	2007	Five dimensional string cosmological models in a scalar-tensor theory of gravitation	Reddy D.R.K., Naidu R.L.	0004640X	Astrophysics and Space Science	307	4	52
503	2007	A cosmological model with a negative constant deceleration parameter in scale-covariant theory of gravitation	Reddy D.R.K., Naidu R.L., Adhav K.S.	0004640X	Astrophysics and Space Science	307	4	19
504	2007	Dynamic behaviour of railway coach and bogie frame using finite element analysis	Ramji K., Goel V.K., Rao S.A.S.O., Naidu M.K.	203408	Journal of the Institution of Engineers (India): Mechanical Engineering Division	87		4
505	2007	Application of multifrontal and GMRES solvers for multi-size particulate flow in rotating channels	Gupta P.K., Pagalthivarthi K.V.	14684349	Progress in Computational Fluid Dynamics	7	6	9
506	2007	Finite element prediction and validation of multi-size particulate flow in rotating channels	Gupta P.K., Pagalthivarthi K.V.	14684349	Progress in Computational Fluid Dynamics	7	5	13
507	2006	Intelligent decentralized controllers for multi area power systems	Yadaiah N., Sai Srinivas P.		2006 1st IEEE Conference on Industrial Electronics and Applications			3
508	2006	A cosmological model with negative constant deceleration parameter in a scalar-tensor theory	Reddy D.R.K., Subba Rao M.V., Koteswara Rao G.	0004640X	Astrophysics and Space Science	306	3	37
509	2006	Dynamic behavior of three-wheeled vehicle under random road characteristics using FEM	Koona R., Naidu M.K., Satyanarayana B.		Proceedings of the 2006 SEM Annual Conference and Exposition on Experimental and Applied Mechanics 2006	3		0
510	2006	A comparative study of the effect of model lift coefficients on particle trajectory	Gupta P.K., Pagalthivarthi K.V.	9714588	Indian Journal of Engineering and Materials Sciences	13	4	8
511	2006	High quality compression of educational videos using content-adaptive framework	Mittal A., Jain A., Jain S., Gupta S.	3029743	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	3852		2
512	2006	Probabilistic approach to modeling of 3D objects using silhouettes	Jain A., Yadav V., Mittal A., Gupta S.	15309827	Journal of Computing and Information Science in Engineering	6	4	1

513	2006	Content-based adaptive compression of educational videos using phase correlation techniques	Mittal A., Gupta S., Jain S., Jain A.	9424962	Multimedia Systems	11	3	7
514	2003	Array design for electromagnetic compatibility	Venkata Narayana Y., Narmada Devi G.		Proceedings of the International Conference on Electromagnetic Interference and Compatibility	2003-		1