



Faculty Publications
AY 2019-20

S. No	Title of paper	Name of the author/s	Department of the teacher	Name of journal	ISSN number	Link to College website of Paper
1.	An effective green and ecofriendly catalyst for synthesis of bis(indolyl)methanes as promising antimicrobial agents	Bakthavatchala Reddy Nemallapudi, Grigory V. Zyryanov, Balakrishna Avula, Mallikarjuna Reddy Guda, Sravya Gundala	Chemistry	Journal of Heterocyclic Chemistry	1943-5193	VIEW
2.	Meglumine as a green, efficient and reusable catalyst for synthesis and molecular docking studies of bis(indolyl)methanes as antioxidant agents	Bakthavatchala Reddy Nemallapudi, Grigory V. Zyryanov, Balakrishna Avula, Mallikarjuna Reddy Guda, Suresh Reddy Cirandur, Chintha Venkataramaiah, Wudayagiri Rajendra, Sravya Gundala	Chemistry	Bioorganic Chemistry	0045-2068	VIEW
3.	A Simple and Convenient Strategy for the Synthesis of Novel Ten, Twelve, and Fourteen-membered Phosphorus Macrocyclic Compounds	Mohan Challam Challa, Balakrishna Avula, Sravya Gundala, Mallikarjuna Reddy Guda, Grigory V. Zyryanov, Suresh Reddy Cirandur, Bakthavatchala Reddy Nemallapudi	Chemistry	Journal of Heterocyclic Chemistry	0045-2068	VIEW
4.	Paal-knorr synthesis of pyrroles: From conventional to green synthesis	Avula Balakrishna, António Aguiar, Pedro J. M. Sobral, Mohmmad Younus Wani, Joana Almeida e Silva, Abilio J. F. N. Sobral	Chemistry	CATALYSIS REVIEWS	1520-5703	VIEW
5.	K ₂ CO ₃ /Al ₂ O ₃ : An Efficient and Recyclable Catalyst for One-Pot, Three Components Synthesis of α -Aminophosphonates and Bioactivity Evaluation	G. Sravya, G. Suresh, Grigory v. Zyryanov, A. Balakrishna, N. Bakthavatchala reddy	Chemistry	Asian Journal of Chemistry	0975-427X	VIEW
6.	Synthesis and bioassay of styryl sulfonylmethyl oxazolyl tethered morpholines and thiomorpholines	G. Sravya, N. Bakthavatchala Reddy, A. Balakrishna	Chemistry	AIP Conference Proceedings	1551-7616	VIEW



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		Grigory V. Zyryanov				
7.	Sustainable green synthesis of silver nanoparticles by using Rangoon creeper leaves extract and their spectral analysis and anti-bacterial studies	Arun Babu Birusanti , Umamahesh Mallavarapu, Devanna Nayakanti, Chandra Sekhar Espenti, Sreenivasulu Mala	Chemistry	IET nanobiotechnology	1751-8741	VIEW
8.	Antibacterial cotton fabrics with in situ generated silver and copper bimetallic nanoparticles using red sanders powder extract as reducing agent	Amara Venkateswara Rao, Basa Ashok, Mallavarapu Uma Mahesh, Gopireddy Venkata Subbareddy, Vatti Chandra Sekhar, Gollapudi Venkata Ramanamurthy, Anumakonda Varada Rajulu	Chemistry	International Journal of Polymer Analysis and Characterization	1023-666X	VIEW
9.	Preparation and properties of cotton nanocomposite fabrics with in situ generated copper nanoparticles using Red sanders powder extract as a reducing agent	Venkateswara Rao Amara, Ashok Basa, Uma Mahesh Mallavarapu, Chandrasekhar Vatti, Subbareddy V. Gopireddy Varadarajulu Anumakonda	Chemistry	Inorganic, and Nano-Metal Chemistry	2470-1556	VIEW
10.	Experimental Study on Compressive Strength of Brick Using Natural Fibres	J. Joel Shelton	Civil Engineering	International Journal of Engineering	1728-1431	VIEW
11.	Modelling Early Age Shrinkage of Concrete	Gandla Nanabala Sreekanth	Civil Engineering	International Journal of Recent Technology and Engineering(IJRTE)	2277-3878	VIEW
12.	Experimental Methodology of Optimum Coagulation Activity on River Water using Chemical and Natural Coagulants for Different PH Ranges	C.Ramanjaneyulu	Civil Engineering	International Journal of Innovative Technology and Exploring Engineering(IJITEE	2278-3075	VIEW
13.	An Experimental Model on the Mechanical Properties of Reactive Powder Concrete by using Cement Replacement of Glass Powder	T.Raghavendra, C.Ramanjaneyulu	Civil Engineering	International Journal of Innovative Technology and Exploring Engineering(IJITEE	2278-3075	VIEW
14.	An Scrutiny of a RCC Beam by Ansys with Non-Identical Collapsed Mechanisms under Assorted Loading Conditions	K.Madhan Gopal, G.Sreenivasulu	Civil Engineering	International Journal of Engineering and Advanced Technology(IJEAT	2249-8958	VIEW
15.	Experimental works on concrete by partial replacement of coarse aggregate with flyash aggregate and cement with silica fume	K.Madhan Gopal	Civil Engineering	International Journal of Engineering and Techniques	2395-0072	VIEW
16.	FE modelling of RC frames with Link Column Frame System under in-plane loading	J. Joel Shelton	Civil Engineering	<u>CIGOS 2019, Innovation for Sustainable Infrastructure</u>	978-981- 15-0801-1	VIEW



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17.	Behavior of Geo-Polymer Concrete by using Fly Ash and GGBS	K.Madhan Gopal, G.Sreenivasulu	Civil Engineering	International Journal of Recent Technology and Engineering (IJRTE)	2277-3878	VIEW
18.	Identification of Blackspot on SH-27 (from Nandyal to Koilakuntla Route) by Using the Accident Severity Index	B.Naga Kiran	Civil Engineering	Advances in Engineering, Management and Sciences'. Institute of Mechanics of Continua and Mathematical Sciences	2454-7190	VIEW
19.	Dynamic Analysis of Structure using Fluid Viscous Damper for Various Seismic Intensities	Joel Shelton J	Civil Engineering	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	2278-3075	VIEW
20.	Hydro-Mechanical properties of sand-bentonite-glass fiber composite for landfill application	Mukherjee, K	Civil Engineering	KSCE Journal of Civil Engineering, Springer	1381-1393	VIEW
21.	Effect of Corrosion Inhibitor on Compressive Strength and Corrosion Resisting Properties of Blended Concrete”	Madhan Gopal Kallutla	Civil Engineering	Journal of Science and Technology	2456 - 5660	VIEW
22.	Numerical Modelling of Regular water Tank	T.Appa Reddy	Civil Engineering	International Journal of Recent Technology and Engineering	2277 - 3878	VIEW
23.	Comparision of Elastic Constants and Compressive strength of M40 Grade Concrete Cylinders Wrapped with and without GFRP Sheet	B.Bhaskar, C.Krishnamaraju	Civil Engineering	International Journal of Recent Technology and Engineering	2277 - 3878	VIEW
24.	N.Sai Namratha Reddy, G.Uday Kumar, P. Ravitheja Reddy, B. Thirumalesu and M.Samba Siva Reddy, 2019. “Prediction of Properties of M25 SCC for 20 mm & 12.5 mm Size Coarse Aggregate Blends Using Neural Networks	Chamarthy Krishnamaraju	Civil Engineering	International Journal of Recent Technology and Engineering	2277 - 3878	VIEW
25.	Experimental Study on Diffusion Behaviour of Chloride ION in Cement Mortar	B.Bhaskar T.Raghavendra	Civil Engineering	International Journal of Recent Technology and Engineering	2277 - 3878	VIEW
26.	Reduction of Structural Response of the Fixed Building using Base Isolation System	J. Joel Shelton	Civil Engineering	International Journal of Engineering and Advanced Technology	2249 - 8948	VIEW
27.	A GUI Framework for the Development of Fragility Curves for a Low-Rise & Medium-Rise Buildings	G. N. Sreekanth	Civil Engineering	International Journal of Engineering and Advanced Technology	2249 - 8958	VIEW
28.	Delineation of Groundwater Potential Zones in South East Part of Anantapur District using Remote Sensing and GIS applications	M.Sunandana Reddy	Civil Engineering	Sustainable Water Resources Management, Online	2363-5045	VIEW



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29.	Investigation on leaching behaviour of toxic metals from biomedical ash and its controlling mechanism	Krishnamurthy Masadi Patel	Civil Engineering	Environmental Science and Pollution	09441344, 16147499	VIEW
30.	Dynamic Response of Tunnel under Blast Loading and Blast Mitigation Using Lightweight Protective Barrier	V. S. Phulari	Civil Engineering	International Journal Of Science And Innovative Engineering & Technology	978-93-81288-18-4	VIEW
31.	Impact of glass fiber on hydro-mechanical behaviour of compacted sand-bentonite mixture for landfill application	Mukherjee, K.	Civil Engineering	European Journal of Environmental and Civil Engineering, Taylor and Francis	19648189, 21167214	VIEW
32.	Evaluation of the hydraulic and strength characteristics of sand-bentonite mixtures added with tire fiber for landfill application	Mukherjee, K.	Civil Engineering	Journal of Environmental Engineering, ASCE	0733-9372	VIEW
33.	Hydraulic and mechanical characteristics of compacted sand-bentonite-tyre chips mix for its landfill application	Mukherjee, K.	Civil Engineering	Environmental Development and Sustainability	1573-2975	VIEW
34.	Intrusion Detection Using an Ensemble of Support Vector Machines	Dr G KISHOR KUMAR	CSE & BS	JOURNAL OF MECHANICS OF CONTINUA AND MATHEMATICAL SCIENCES	2454 -7190	VIEW
35.	Deep Learning Neural Network for Detecting the Diabetic Retinopathy	Dr G KISHOR KUMAR	CSE & BS	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	3522-3525	VIEW
36.	Impact of Banc Assurance on Customers in Purchasing Insurance Policies with Special Reference to Kurnool District of Andhra Pradesh	K. Pushpa Latha	MBA	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	2278-3075	VIEW
37.	A Study on Effect of Bancassurance Model on The Financial Performance of Selected Commercial Banks	K. Pushpa Latha	MBA	Restaurant Business	0097-8043	VIEW
38.	A Study on Customers' Satisfaction towards Bancassurance in Specific Areas of Andhra Pradesh	K. Pushpa Latha	MBA	Jour of Adv Research in Dynamical & Control Systems	1943-023X	VIEW
39.	Contract labour and their job satisfaction	S.Sowjanya	MBA	Journal of Engineering Sciences	0377-9254	VIEW
40.	Impact of contingent workforce on Productivity of the organization with respect to cement manufacturing industries	S.Sowjanya	MBA	International Journal of Recent Technology and Engineering	2277-3878	VIEW
41.	Employee Attrition and Retention Strategies in mznufacturing:An emparical study in Amar raja batteries	Dr.M Sudheer Kumar	MBA	international journal of innovative Technology and	2278-3075	VIEW



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				Exploring Engineering (IJITEE)		
42.	Jobsatisfaction in public sector Banks Employees	Dr.M Sudheer Kumar	MBA	International journal of innovative Technology and Exploring Engineering (IJITEE)	2278-3075	VIEW
43.	The level of employee job satisfaction in public sector bank with special reference to sbi banks in rayalaseema division	Dr.M Sudheer Kumar	MBA	International journal of recent Technology and Engineering	2277-3878	VIEW
44.	Analysis on rural and urban employee job satisfaction towards sbi bank in rayalaseema division	Dr.M Sudheer Kumar	MBA	International journal of innovative Technology and Exploring Engineering (IJITEE)	2278-3075	VIEW
45.	Employee Attrition and Retention Strategies in mznufacturing:An emparical study in Amar raja batteries	K Ramakrishna	MBA	International journal of innovative technology and exploring engineering	2278-3075	VIEW
46.	Exit Interview-A Competency based Practice for Employee Retention	Dr.Aliya Sultana	MBA	International Journal of Innovative Technology and Exploring Engineering	2278-3075	VIEW
47.	Perception of Investor towards Risk in Various Investment Avenues	Dr.Aliya Sultana	MBA	International Journal of Recent Technology and Engineering (IJRTE)	2277-3878	VIEW
48.	Investor Perception towards Investment Avenues	Dr.Aliya Sultana	MBA	International Journal of Recent Technology and Engineering (IJRTE)	2277-3878	VIEW
49.	An Empirical Study on Training & Development in the Vizag Steel Plant	S.Deepthi	MBA	Journal of emerging technologies and innovative research	2349-5162	VIEW
50.	A Study on Impact of Training & Development on the Performance of Employed with Special reference to Vizag Steel Plant-Vishakhapatnam	S.Deepthi	MBA	International Journal for Research in Engineering Application & Management	2454-9150	VIEW
51.	Improved Performance of Communication Sub System of System-on-Chip	T Jaya Chandra Prasad	ECE	International Journal of Research in Electronics and Computer Engineering	2348-2281	VIEW
52.	Data Encoding Techniques to Reduce the Switching Activity, Crosstalk Delay Classes and Crosstalk Delay	M.Chennakesavulu, T.Jayachandra Prasad, V.Sumalatha	ECE	International Journal of Electronics Engineering	2277 3878	VIEW
53.	Detecting Forged Scan of Educational Certificates Using a New Feature Set Matching Algorithm	N. Sateesh Kedarnath Kumar, Kethepalli Mallikarjuna, Pushan Kumar Dutta	ECE	International Journal of Tomography & Simulation	2319-3336	VIEW



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54.	Improved Performance of Communication Sub System of System-on-Chip	M. Chennakesavulu, T. Jayachandra Prasad, V. Sumalatha	ECE	International Journal Of Research In Electronics And Computer Engineering	2348-2281	VIEW
55.	Power Law Enhancement Based Fuzzy C-Means Retinal Blood Vessel Segmentation	Sekar M Vijayarajan R	ECE	International Journal of Recent Technology and Engineering	2277-3878	VIEW
56.	Investigation of optical and spectroscopic properties of neodymium doped oxyfluoro-titania-phosphate glasses for laser applications	Dr T Jaya Chandra Prasad	ECE	Scripta Materialia 162 (LETTERS journal of Acta Materialia)	1872-8456	VIEW
57.	Insertion of an Optimal Number of Repeaters in Pipelined Nano-interconnects for Transient Delay Minimization	T Jaya Chandra Prasad	ECE	Circuits, Systems, and Signal Processing	0728-081x	VIEW
58.	Analytical Study of Bundled MWCNT and Edged-MLG NR Interconnects: Impact on Propagation Delay and Area	C.Venkataiah	ECE	IEEE Transactions on Nanotechnology(<i>IEEE</i>)	1941-0085	VIEW
59.	Insertion of optimal number of repeaters in pipelined nano interconnects for transient delay minimization	C.Venkataiah, K. Satyaprasad, T. Jayachandra Prasad	ECE	Circuit systems and signal processing (<i>Springer</i>),	0278-081X	VIEW
60.	Bio-Key-Based AES for Personalised Image Cryptography	R Vijayarajan, P Gnanasivam R Avudaiammal	ECE	The Computer Journal, Oxford University Press	00104620, 14602067	VIEW
61.	Gender Classification from Fingerprint Ridge Count and Fingertip Size using Optimal Score Assignment	Gnanasivam P Vijayarajan R	ECE	Complex and Intelligent Systems (Springer, ESCI)	2198-6053	VIEW
62.	Data Encoding Techniques to Reduce the Switching Activity, Crosstalk Delay Classes and Crosstalk Delay	Dr T Jaya Chandra Prasad	ECE	International Journal of Recent Technology and Engineering,	2277-3879	VIEW
63.	"Design of Low-Power and High-Frequency PLL Using Programmable Frequency Divider for Wireless Communication	Dr T Jaya Chandra Prasad	ECE	Microelectronics, Electromagnetics and Telecommunications Springer	1876-1100	VIEW
64.	Data encoding techniques to reduce the switching activity and crosstalk delay of on-chip data interconnects	M. Chennakesavulu, T. Jayachandra Prasad, V. Sumalatha	ECE	SCOPUS Indexed Journal	2277-3879	VIEW
65.	Transient Analysis of Crosstalk Induced Effects in Mixed CNT Bundle Interconnects Using FDTD Technique	A. Kumar, V. Ramesh Kumar. B. K. Kaushik	ECE	IEEE Trans. on Electromagnetic Compatibility	0018-9375	VIEW
66.	Enhancement of the DC Performance of PNP Hetero Dielectric Box Tunnel Field Effect Transistor for Low Power Applications	Mohd. Aslam, Girjesh Korram, Dheeraj Sharma, Shivendra Yadav	ECE	Journal of Computational	0973-8975	VIEW



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		Neeraj Sharma				
67.	Investigating the effect of chirality, oxide thickness, temperature and channel length variation on a threshold voltage of MOSFET, GNRFET, and CNTFET	Dr T Jaya Chandra Prasad	ECE	Journal of mechanics of continua and mathematical sciences	0973-8975	VIEW
68.	Improved centralised control system for rejection of loop interaction in coupled tank system.	Hanuma Naik, R., Kumar, D. V. A., Gopi Krishna Rao, P. V	ECE	Indian Chemical Engineer (2019), Vol. 61(4), 1-20. Taylor and Francis. (ESCI-Indexed)	0019-4506	VIEW
69.	Investigating the effect of chirality, oxide thickness, temperature and channel length variation on a threshold voltage of MOSFET, GNRFET, and CNTFET	C.Venkataiah, V.N.V. Satya Prakash, K. Mallikarjuna T. Jayachandra Prasad	ECE	Journal of mechanics of continua and mathematical sciences,	0973-8975	VIEW
70.	Improved centralised control system for rejection of loop interaction in coupled tank system	R. Hanuma Naik, D.V.Ashok Kumar P.V.Gopikrishna Rao	ECE	Indian Chemical Engineer	0019-4506	VIEW
71.	A Composite Future Set Based Blood Vessel Segmentation in Retinal Images Through Supervised Learning	Y.Madhu Sudhana Reddy , R.S.Ernest Ravindran	ECE	Journal of Mechanics of Continua and Mathematical Sciences	2454 -7190	VIEW
72.	Advanced Joint Multi-view Video Plus Depth Coding	T.Manasa Veena, D. Satyanarayana MN GiriPrasad	ECE	Journal of Infrared Physics and Technology(IP&T),ELSEVIER	1350-4495	VIEW
73.	Resilient Soft-Error Endurable Latch Design	J.sofia Priya Dharshini	ECE	International Journal of Engineering and Advanced Technology	2249-8958	VIEW
74.	A Deep Learning Neural Network for Detecting the Diabetic Retinopathy	M.Chennakesavulu	ECE	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	2278-3075	VIEW
75.	A Harmonized Trust Assisted Energy Efficient Data Aggregation Scheme for Distributed sensor networks	B Siva Kumar	CSE	Elsevier, Cognitive Systems Research	1389-0417	VIEW
76.	A Summarization on Text Mining Techniques for Information Extracting from Applications and Issues	M Surya Bhupal Rao S Rahmath Basha	CSE	J. Mech. Cont. & Math. Sci.	2454 -7190	VIEW
77.	Intrusion Detection using An Ensemble of Support Vector Machines	G Kishore Kumar R Raja Kumar M Suleman Basha	CSE	Advances in Engineering, Management and Sciences	1819-6608	VIEW
78.	A Comparative Approach of text Mining: Classification, Clustering and Extraction Techniques	M Surya Bhupal Rao S. Rahmath Basha	CSE	J. Mech. Cont. & Math. Sci.	2454 -7190	VIEW



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79.	A Extensive Survey of Rival Penalized Techniques	Harikrishna Pillutla	CSE	International Conference on Inventive Computation Technologies (ICICT)	978-1-5386-4985-5	VIEW
80.	A Modified Advanced Encryption Standard Algorithm	M.Indrasena Reddy	CSE	Journal of Mechanics Continua & Mathematical Science	2454 -7190	VIEW
81.	A Review on High-Utility Itemset Algorithms	K. Nageswara Reddy M Suleman Basha	CSE	Recent Technology & Engineering	2277-3878	VIEW
82.	A SECURE APPROACH FOR DATA TRANSMISSION IN COMPUTER NETWORKS USING MODIFIED ADVANCED ENCRYPTION STANDARD ALGORITHM	M.Indrasena Reddy	CSE	Journal of Mechanics Continua & Mathematical Science	2454 -7190	VIEW
83.	A Secured cryptographic system based on DNA and a hybrid key generation approach	M.Indrasena Reddy K. Subba Reddy	CSE	Journal of Bio Systems	0303-2647	VIEW
84.	Adaptive Self Organizing Maps Inspired SDN-based DDoS (ASOM-SDN-DDoS) mitigation framework	Pillutla Harikrishna	CSE	International Journal of Scientific & Technology Research	2257-2265	VIEW
85.	An Improved Lung Cancer Prediction System using Image Processing	K. Rajendra Prasad	CSE	International Journal of Recent Technology and Engineering	2277-3878	VIEW
86.	Chaotic Algorithm for Standard Image Encryption	M Surya Bhupal Rao S. Rahamth Basha	CSE	Advances in Engineering, Management and Sciences	1819-6608	VIEW
87.	Classification of X-ray Images Insight for Finding Infection of Coronavirus Disease	K Subba Reddy	CSE	Journal of Solid state State Technology	8680-8684	VIEW
88.	Cluster Tendency Methods for Visualizing the Data Partitions	K. Rajendra Prasad M Suleman Basha	CSE	International Journal of Innovative Technology and Exploring Engineering	2278-3075	VIEW
89.	Comparision of Real datasets characteristics by using clustering approaches	M Surya Bhupal Rao	CSE	J. Mech. Cont. & Math. Sci.	2454 -7190	VIEW
90.	Design and Implementation of High Security Cryptography for Network Applications by Using Bit Transition Encoder and Decoder	M.Indrasena Reddy	CSE	International Journal of Engineering and Advanced Technology	2249 - 8958	VIEW
91.	Dynamic Rumor Influence Minimization with Used Experience Model in Social Network	M.Sravan Kumar Reddy	CSE	International Journal of Scientific Research and Review	2279-0543	VIEW
92.	Ensemble of Support Vector Machines Using Fuzzy-PAM for Intrusion Detection. Journal of Mechanics of Continua and Mathematical Sciences	G Kishore Kumar R. Raja Kumar K. Nageswara Reddy	CSE	Journal of mechanics of continua and mathematical sciences	2454 -7190	VIEW
93.	Extract Genuine Healthcare Posts on Social Media	K Rajendra Prasad	CSE	International Journal of Innovative Technology and	2270-2272	VIEW



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				Exploring Engineering (IJITEE)		
94.	Hybrid Topic Cluster Models for Social Healthcare Data	K. Rajendra Prasad	CSE	International Journal of Advanced Computer Science and Applications	2156-5570	VIEW
95.	Image Analysis for Automatic Enumeration of RBC Infected With plasmodium parasites-implications for malaria diagnosis	N Madhusudhana Reddy	CSE	Advances in Mathematics: Scientific Journal	1229-1237	VIEW
96.	SDN-based DDoS Attack Mitigation Scheme using Convolution Recursively Enabled Self Organizing Maps	P Hari Krishna	CSE	Sadhana Journal	0973-7677	VIEW
97.	Visual Topic Models for Healthcare Data Clustering	K. Rajendra Prasad	CSE	Evolutionary Intelligence	1864-5909	VIEW
98.	Visualization of Optimal Product Pricing using E-Commerce Data	K. Rajendra Prasad	CSE	International Journal of Innovative Technology and Exploring Engineering	2278-3075	VIEW
99.	Improving ADA-boost as a Popular Ensemble in Classification Problems	M. Sravan Kumar Reddy	CSE	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	2278-3075	VIEW
100.	Modeling & analysis of grid-tied PMA based offshore wind energy system using PSCAD/EMTDC	V. Naga Bhaskar Reddy, R. Kiranmayi, Seetha Chaithanya	EEE	Ain Shams Engineering Journal	2090-4479	VIEW
101.	Fuzzy Logic Control of SLMMC-Based SAPF Under Nonlinear Loads	D. V. Ashok Kumar, V. Narasimhulu, Ch. Sai Babu	EEE	International Journal of Fuzzy Systems (IJFS)	2199-3211	VIEW
102.	Fuzzy Logic Control of SLMMC-Based SAPF Under Nonlinear Loads	V. Narasimhulu, D. V. Ashok Kumar, Ch. Sai Babu	EEE	International Journal of Fuzzy Systems (IJFS)	1562-2479	VIEW
103.	A multilevel UPQC for voltage and current quality improvement in distribution system	D.V Ashok Kumar, Venkata Reddy Kota, Varampati Veera Nagi Reddy	EEE	International Journal of Power Electronics and Drive System	2088-8694	VIEW
104.	Range Estimation of Battery Electric Vehicle by Mathematical Modelling of Battery's Depth-of-Discharge	V. Naga Bhaskar Reddy, M. Yerri Veeresh, R. Kiranmayi	EEE	International Journal of Engineering and Advanced Technology (IJEAT)	2249-8958	VIEW
105.	Modeling of Single Phase Single Stage Grid Integrated Photovoltaic System	D. Lenine, ChSai Babu, J Surya Kumari, Shaik Shabeena, Shaik Nayab Rasool,	EEE	Journal of Mechanics of Continua and mathematical sciences	2454-7190	VIEW



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106.	Improved Performance of Unified Power Quality Conditioner Involving Various Power Quality Issues using Soft Computing	D. Lenine,S. Shamshul Haq, S.V.N.L. Lalitha,	EEE	Journal of Mechanics of Continua and mathematical sciences	2454-7190	VIEW
107.	Novel Scalar PWM Techniques for Vector Control based Induction Motor Drives to Reduce Common Mode Voltage	D Lenine, P. Rama Mohan, K. Niteesh Kumar, G. Bala Subbarayudu, A. Suresh Kumar,	EEE	Journal of Mechanics of Continua and mathematical sciences	2454-7190	VIEW
108.	SMART HEALTH CARE SYSTEM USING SENSORS, IOT DEVICE AND WEB PORTAL	Suresh S Rao	EEE	Journal of Mechanics of Continua and mathematical sciences	2454-7190	VIEW
109.	Modeling of Single Phase Single Stage Grid Integrated Photovoltaic System	J Surya Kumari, D.Lenine, ChSai Babu, Shaik Shabeena, Shaik Nayab Rasool	EEE	Journal of Mechanics of Continua and mathematical sciences	2454-7190	VIEW
110.	Novel Scalar PWM Techniques for Vector Control based Induction Motor Drives to Reduce Common Mode Voltage	P. Rama Mohan, K. Niteesh Kumar, G. Bala Subbarayudu, A. Suresh Kumar ,D Lenine,	EEE	Journal of Mechanics of Continua and mathematical sciences	2454-7190	VIEW
111.	Novel Scalar PWM Techniques for Vector Control based Induction Motor Drives to Reduce Common Mode Voltage	A. Suresh Kumar, P. Rama Mohan, K. Niteesh Kumar, G. Bala Subbarayudu, D Lenine,	EEE	Journal of Mechanics of Continua and mathematical sciences	2454-7190	VIEW
112.	A Novel PWM Technique for Multilevel VSI fed Vector Controlled Drives based on Universal Offset Time Expression	A. Suresh Kumar, P. Rama Mohan, Neeli Mallikarjuna, Puli Obulesu, D Lenine,	EEE	Journal of Mechanics of Continua and mathematical sciences	2454-7190	VIEW
113.	A Novel PWM Technique for Multilevel VSI fed Vector Controlled Drives based on Universal Offset Time Expression	Neeli Mallikarjuna, A. Suresh Kumar, P. Rama Mohan, Neeli Mallikarjuna, Puli Obulesu, D Lenine,	EEE	Journal of Mechanics of Continua and mathematical sciences	2454-7190	VIEW
114.	A Novel PWM Technique for Multilevel VSI fed Vector Controlled Drives based on Universal Offset Time Expression	Neeli Mallikarjuna, A. Suresh Kumar, P. Rama Mohan, Neeli Mallikarjuna,	EEE	Journal of Mechanics of Continua and mathematical sciences	2454-7190	VIEW



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		Puli Obulesu, D Lenine,				
115.	A Novel PWM Technique for Multilevel VSI fed Vector Controlled Drives based on Universal Offset Time Expression	Neeli Mallikarjuna, A. Suresh Kumar, P. Rama Mohan, Neeli Mallikarjuna, Puli Obulesu, D Lenine,	EEE	Journal of Mechanics of Continua and mathematical sciences	2454-7190	VIEW
116.	Novel Scalar PWM Techniques for Vector Control based Induction Motor Drives to Reduce Common Mode Voltage	K. Niteesh Kumar, P. Rama Mohan G. Bala Subbarayudu, A. Suresh Kumar, D Lenine,	EEE	Journal of Mechanics of Continua and mathematical sciences	2454-7190	VIEW
117.	Recital analysis of multilevel cascade H-bridge based active power filter under load variation	D. V. Ashok Kumar, V. Narasimhulu, Ch. Sai Babu	EEE	SN Applied Sciences	2523-3971	VIEW
118.	Recital analysis of multilevel cascade H-bridge based active power filter under load variation	V. Narasimhulu, D. V. Ashok Kumar, Ch. Sai Babu	EEE	SN Applied Sciences	2523-3971	VIEW
119.	Performance evaluation of PMSG-based LFAC system for offshore wind power	V. Naga Bhaskar Reddy, R. Kiranmayi, Seetha Chaithanya	EEE	INTERNATIONAL JOURNAL OF AMBIENT ENERGY	2162-8246	VIEW
120.	Performance study of various discontinuous PWM strategies for multilevel inverters using generalized space vector algorithm	A. Suresh Kumar, K. Sri Gowri, M. Vijaya Kumar	EEE	Journal of Power Electronics (JPE)	1598-2092	VIEW
121.	Heat and Mass transfer analysis of steady and unsteady nanofluid flow over Stretching sheet with double stratification	M. Santhi, K.V. Suryanarayana Rao, P. Sudarsana Reddy, P. Sreedevi	Mathematics	Nanoscience and Technology: An International Journal	2572-4258	VIEW
122.	MHD boundary layer flow of SWCNT-water and MWCNT-water nanofluid over a vertical cone with heat generation/absorption	Y. Rajaobula Reddy, M. Suryanarayana Reddy, P. Sudarsana Reddy,	Mathematics	Heat Transfer – Asian Research	1523-1496	VIEW
123.	Three-Dimensional Heat and Mass Transfer Flow Over a Stretching Sheet Filled with Al ₂ O ₃ -Water Based Nanofluid with Heat Generation/Absorption	B. Prabhavathi, P. Sudarsana Reddy, R. Bhuvana Vijaya	Mathematics	Journal of Nanofluids	2169-432X	VIEW
124.	A comparative study of Tiwari – Das model and nanofluid flow over a wedge with non-linear thermal radiation	P. Sreedevi, P.Sudarsana Reddy, M.A. Sheremet	Mathematics	International Journal of Numerical Methods for Heat and Fluid Flow,	0961-5539	VIEW



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125	Heat and Mass transfer analysis of steady and unsteady nanofluid flow over Stretching sheet with double stratification	M. Santhi, K.V. Suryanarayana Rao, P. Sudarsana Reddy, P. Sreedevi	Mathematics	Nanoscience and Technology: An International Journal	2572-4258	VIEW
126	Carreau nanofluid heat and mass transfer flow through wedge with slip conditions and nonlinear thermal radiation	K. Jyothi, P. Sudarsana Reddy, M. Suryanarayana Reddy	Mathematics	Journal of the Brazilian Society of Mechanical Sciences and Engineering	1678-5878	VIEW
127	Effect of SWCNTs and MWCNTs Maxwell MHD nanofluid flow between two stretchable rotating disks under convective boundary Conditions	P. Sreedevi, P. Sudarsana Reddy	Mathematics	Heat Transfer—Asian Res	1523-1496	VIEW
128	A comparative study of Tiwari – Das model and nanofluid flow over a wedge with non-linear thermal radiation	P. Sreedevi, P.Sudarsana Reddy, M.A. Sheremet	Mathematics	International Journal of Numerical Methods for Heat and Fluid Flow	0961 - 5539	VIEW
129	Heat and Mass transfer analysis of steady and unsteady nanofluid flow over Stretching sheet with double stratification	M. Santhi, K.V. Suryanarayana Rao, P. Sudarsana Reddy, P. Sreedevi	Mathematics	Nanoscience and Technology: An International Journal	2572-4258	VIEW
130	Effect of SWCNTs and MWCNTs Maxwell MHD nanofluid flow between two stretchable rotating disks under convective boundary Conditions	P. Sreedevi, P. Sudarsana Reddy	Mathematics	Heat Transfer—Asian Res	1523-1496	VIEW
131	MHD boundary layer floe of SWNNT-water and MWCNT-water nanofluid over a vertical cone with heat generartion/absorption	Y. Raja Obula Reddy, Dr. M. Suryanarayana Reddy Dr. P. Sudarsana Reddy	Mathematics	Heat Transfer Asian Research	1523-1496	VIEW
132	Heat and Mass Transfer Analysis of SWCNTs and MWCNTs-Water Nanofluid Flow Over Porous Inclined Plate with Heat Generation/Absorption	Y. Raja Obula Reddy Dr.M. Suryanarayana Reddy	Mathematics	Journal of Nanofluids	2169-432X	VIEW
133	Carreau nanofluid heat and mass transfer flow through wedge with slip conditions and nonlinear thermal radiation	K. Jyothi, P. Sudarsana Reddy, M. Suryanarayana Reddy	Mathematics	Journal of the Brazilian Society of Mechanical Sciences and Engineering	1678-5878	VIEW
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135	Characteristics of microalgae spirulina biodiesel with the impact of n-butanol addition on a CI engine	Dr. Upendra Rajak	Mechanical Engineering	Energy	1873-6785	VIEW
136	Assessment of diesel engine performance using spirulina microalgae biodiesel	Dr. Upendra Rajak	Mechanical Engineering	Energy	1873-6785	VIEW
137	Performance analysis and exhaust emissions of aegle methyl ester operated compression ignition engine	Dr. Upendra Rajak	Mechanical Engineering	Thermal Science and Engineering Progress	2451-9049	VIEW



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139	Alternating the environmental benefits of Aegle-diesel blends used in compression ignition	Dr. Upendra Rajak	Mechanical Engineering	Fuel	0016-2361	VIEW
140	Heat transfer enhancement using hybrid Nano fluids in spiral plate heat exchangers	Dr. Abhishek Dasore	Mechanical Engineering	Heat Transfer	2688-4542	VIEW
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155.	Virtual Teaching and Learning Perspectives in Engineering Education: A Study	A.K.Gopi Krishna P. Kousar Basha	English	Nanoscience and Technology: An International Journal	2572-4258	VIEW
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161.	TeO ₂ -WO ₃ -GeO ₂ -NdF ₃ glasses for 1.06 μm fiber lasers: An optical analysis	Dr. B.C. Jamalaih, G. Viswanadha	Physics	Optical Materials	0925-3467	VIEW
162.	YAl ₃ (BO ₃) ₄ : Ho ³⁺ /Tm ³⁺ nanophosphors for blue-LED applications	B. C. JAMALIAH, , N. LALITHA RANI, G. V. LOKESWARA REDDY, D. V. RAGHU RAM, T. SRINIVASA RAO	Physics	Optoelectronics and Advanced Materials: Rapid Communications	1842-6573	VIEW
163.	Rich reddish-orange emitting PBTNAPr glasses for laser applications	Dr. B.C. Jamalaih, G. Viswanadha, K. Venkata Rao	Physics	Optical Materials	0925-3467	VIEW
164.	Raman and photoluminescence studies of europium doped zinc-fluorophosphate glasses for photonic applications	V.B. Sreedhar, K. Venkata Krishnaiah, S.K. Nayab Rasool, V. Venkatramu ,	Physics	Journal of Non-Crystalline Solids	0022-3093	VIEW



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166.	Design of Low-Power and High-Frequency PLL Using Programmable Frequency Divider for Wireless Communication	Sathish Anchula, Ravi Nirlakalla, Divyasree Mallepalle Jayachandra Prasad Talari	Physics	Microelectronics, Electromagnetics and Telecommunications, Springer Singapore	978-981- 13-1905-1	VIEW
167.	Investigation of spectroscopic properties of Sm ³⁺ - doped oxyfluorophosphate glasses for laser and display applications	G. Neelima, Venkata Krishnaiah Kummara, N. Ravi, K. Suresh, Sk. Nayab Rasool, K. Tyagarajan, T. Jayachandra Prasad	Physics	Materials Research Bulletin	0025-5408	VIEW
168.	Holmium doped bismuth-germinate glasses for green lighting applications: A spectroscopic study	M. Ravi Prakash, G. Neelima, Venkata Krishnaiah Kummara, N. Ravi, CS. Dwaraka Viswanath, T. Subba Rao, S. Mahaboob Jilani	Physics	Optical Materials	0925-3467	VIEW
169.	Optical and radiative properties of Sm ³⁺ ions activated alkali-bismuth germanate glasses	M. Ravi Prakash, G. Neelima, Venkata Krishnaiah Kummara, N. Ravi, N. Kiran, C.S. Dwaraka Viswanath, T. Subba Rao, V. Venkatramu	Physics	Journal of Luminescence	0022-2313	VIEW
170.	Dysprosium doped niobium zinc fluorosilicate glasses: Interesting materials for white light emitting devices,	J. Prabhakar, Venkata Krishnaiah Kummara, K. Linganna, P. Babu, C.K. Jayasankar, Jihoon Kim, V. Venkatramu	Physics	Optik - International Journal for Light and Electron Optics	0030-4026	VIEW
171.	Investigation of optical and spectroscopic properties of neodymium doped oxyfluoro-titania-phosphate glasses for laser applications,	G. Neelima, K. Venkata Krishnaiah, N. Ravi, K. Suresh,	Physics	Scripta Materialia	1359-6462	VIEW



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