



Rajeev Gandhi Memorial College of Engineering and Technology

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Nandyal - 518501, A. P., India.

Faculty Publications AY 2021-22

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.	Synthesis of α -aminophosphonates by the Kabachnik-Fields reaction	G. Sravya, A. Balakrishna, Grigory V. Zyryanov, G. Mohan, C. Suresh Reddy N. Bakthavatchala Reddy	Chemistry	Phosphorus, Sulfur, and Silicon and the Related Elements	1563-5325	VIEW
2.	Design, Synthesis, Biological Evaluation and Molecular Docking Studies of 1,4-Disubstituted 1,2,3- Triazoles: PEG-400:H ₂ O Mediated Click Reaction of Fluorescent Organic Probes under Ultrasonic Irradiation	Chenna Krishna Reddy Reddivari, Subba Rao Devineni, Bakthavatchala Reddy Nemallapudi, Gundala Sravya, Balakrishna Avula, Nayabrasool Shaik, Vishnu Nayak Badavath, Grigory V. Zyryanov, Rami Reddy YellalaVenkata Naga Raju Chamarthi	Chemistry	Polycyclic Aromatic Compounds	1563-5333	VIEW
3.	New Methods for Synthesis of 1,2,3-Triazoles: A Review	Bakthavatchala Reddy Nemallapudi, Dinneswara Reddy Guda, Nagarjuna Ummadi, Balakrishna Avula, Grigory V. Zyryanov, Cirandur Suresh Reddy Sravya Gundala	Chemistry	Polycyclic Aromatic Compounds	1563-5333	VIEW
4.	Synthesis, Characterization of [Co(BDC)(Phen)H ₂ O] and [Co(BDC)(DABCO)] MOFs, π .. π Interactions, Hirshfeld Surface Analysis and Biological Activity	Amaravathi Chinthamreddy, Raja Karreddula, Gopi Krishna Pitchika Manabolu Surya SurendraBabu	Chemistry	Journal of Inorganic and Organometallic Polymers and Materials	1574-1443	VIEW
5.	Progressive Collapse Study On Irregular Steel Framed Structure By Non-Linear Static Analysis	Putloori Navyatha	Civil Engineering	International Journal of Engineering Research and Technology (IJERT)	2278-0181	VIEW



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6.	Dynamic performance of multi-storey buildings under surface blast: A case study	Rajaram Chenna	Civil Engineering	Innovative Infrastructure Solutions	2364-4184	VIEW
7.	Experimental and analytical investigation of geo-grid confined RC beams with glass fiber reinforced concrete	Joel Shelton J	Civil Engineering	Structures	2352-0124	VIEW
8.	Seismic response of multi-storey building with different plan configuration using X-bracing. In: Nandagiri L., Narasimhan M.C., Marathe S., Dinesh S, (eds)	Rohini B	Civil Engineering	sustainability trends and challenges in civil engineering. Lecture notes in civil engineering,	2366-2565	VIEW
9.	Numerical Modeling of Near Fault Seismic Ground Motion for Denali Fault	Rajaram Chenna	Civil Engineering	International Journal of Geotechnical Earthquake Engineering	1533-9114	VIEW
10.	Role of Lime-Fibre on Mechanical Strength and Resilient Characteristics of Pond Ash	Sudhakar Mogili	Civil Engineering	Transportation Infrastructure Geotechnology	21967202, 21967210	VIEW
11.	Effect of Lime on Resilient Characteristics of Pond Ash	Sudhakar Mogili	Civil Engineering	Transportation Infrastructure Geotechnology	21967202, 21967210	VIEW
12.	A Survey on production of Bricks from Industrial Wastes	Lava Kumar Reddy Palle	Civil Engineering	International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET)	2320-6710	VIEW
13.	An Effective Assessment of Cluster Tendency Through Sampling Based Multi-Viewpoints Visual Method	Dr K Rajendra Prasad	CSE & BS	Journal of Ambient Intelligence and Humanized Computing, Springer (SCIE)	1868-5145	VIEW
14.	Sampling Based Visual Assessment Methods for Efficient Social Data Clustering	Dr K Rajendra Prasad	CSE & BS	The Journal of supercomputing, Springer (SCI)	0920-8542	VIEW
15.	An efficient sampling-based visualization technique for big data clustering with crisp partitions	Dr K Rajendra Prasad	CSE & BS	Journal of Distributed and Parallel Databases, Springer (SCIE)	1573-7578	VIEW
16.	An Extended Fuzzy C-Means Segmentation for an Efficient BTD With the Region of Interest of SCP	Dr K Rajendra Prasad	CSE & BS	International Journal of Information Technology Project Management (IJITPM), IGI Global,(Web of Science)	1938-0232	VIEW
17.	Multi-ROI segmentation for effective texture features of mammogram images	K Rajendra Prasad	CSE & BS	Journal of Discrete Mathematical Sciences and Cryptography,	0972-0529	VIEW



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				Taylor and Francis, (Web of Science)		
18.	A Multi-Pronged Accurate Approach to Optical Character Recognition, Using Nearest Neighborhood and Neural Network Based Principles	Dr G KISHOR KUMAR	CSE & BS	Sadhana - Academy Proceedings in Engineering Science (SCIE)	0973-7677	VIEW
19.	Classification of X-ray Images Insight for Finding Infection of Coronavirus Disease	M Suleman Basha	CSE(DS)	Solid State Technology	0038-111X	VIEW
20.	Sampling-based visual assessment computing techniques for an efficient social data clustering	M Suleman Basha	CSE(DS)	The Journal of supercomputing, Springer, WoS	0920-8542	VIEW
21.	Detection of pre-cluster nano-tendency through multi-viewpoints cosine-based similarity approach	M Suleman Basha	CSE(DS)	Nanotechnology Environ. Eng.-Springer (Scopus)	2365-6379	VIEW
22.	Hybrid visual computing models to discover the clusters assessment of high dimensional big data	M Suleman Basha	CSE(DS)	Soft Computing, Springer (WoSE)	1432-7643	VIEW
23.	Effectiveness of Business Process Re-Engineering In Banking With Reference To HDFC Bank	K. Pushpa Latha	MBA	Natural Volatiles & Essential Oils	2148-9637	VIEW
24.	A Study On Role Of HRM Practices On Contingent Workforce	S.Sowjanya	MBA	Journal of Information and Computational Science	1548-7741	VIEW
25.	IMPACT OF JOB SATISFACTION ON ORGANIZATIONAL COMMITMENT OF CONTINGENT WORKFORCE	S.Sowjanya	MBA	Journal of Information and Computational Science	1548-7741	VIEW
26.	Managerial competency analysis and gap among managers of selected textiles mills in Andhra pradesh	Dr.M Sudheer Kumar	MBA	Natural volatiles and Essential oils	11250-11263	VIEW
27.	A Study on Quilty of work life and turnover intenstion among acadamecians	Dr.M Sudheer Kumar	MBA	Journal of Management and Sciece	978-93-91131/37	VIEW
28.	Managerial competency analysis and gap among managers of selected textiles mills in Andhra pradesh	K Ramakrishna	MBA	Natural volatiles and Essential oils	11250-11263	VIEW
29.	Meta-analysis Tax Saving Mutual Fund Schemes Performance	Dr.G.C.Venkataiah	MBA	International Journal of Disaster Recovery and Business Continuity.	2005-4289.	VIEW
30.	Analysis of Influencing Factors Of Investors Perception On Indian Stock Market	Dr.G.C.Venkataiah	MBA	(GEINTEC)Revista Innovative Journal of Management	2237-0722	VIEW
31.	A Study on Performance Of Indian Mutual Fund Open Ended Tax Saving Schemes	Dr.G.C.Venkataiah	MBA	International Journal of Disaster Recovery and Business Continuity.	2005-4289	VIEW
32.	Effectiveness of Business Process Re-Engineering In Banking With Reference To HDFC Bank	B.VENKATA SURESH	MBA	Natural Volatiles & Essential Oils	2148-9637	VIEW



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33.	Optimized Dual tree complex wavelet transform & fuzzy entropy for multimodal medical image fusion: A hybrid metaheuristic concept	Nagaraja Kumar N	ECE	Journal of Mechanics in medical and biology	1793-6810	VIEW
34.	Optimized Dual tree complex wavelet transform & fuzzy entropy for multimodal medical image fusion	Jaya Chandra Prasad Talari	ECE	Journal of Mechanics in medical and biology	1793-6810	VIEW
35.	Comparative studies on the DC and RF performances of conventional HEMT and double quantum well heterostructure	Sanjib kalita	ECE	Optical and Quantum Electronics	03068919,1572817X	VIEW
36.	Design and Analysis of Improved Phase-Transition FinFET Utilizing Negative Capacitance	Bhaskar Awadhya	ECE	IEEE Transactions on Electron Devices	0018-9383	VIEW
37.	Low Power VLSI Implementation of Multi-Layer Neural Networks	Dr. J Sofia Priya Darshini	ECE	Patent Application Publication	2021-41031-941	VIEW
38.	Image Processing Techniques for Surface Crack Detection in Buildings	Dr. J Sofia Priya Darshini	ECE	Patent Application Publication	2021-41036-294	VIEW
39.	Improved Rough-fuzzy C-means Clustering and Optimum Fuzzy Interference System for MRI Brain Image Segmentation	D. Maruthi Kumar, D. Satyanarayana, M. N. Giri Prasad	ECE	International Journal of Advanced Computer Science and Applications	2156-5570	VIEW
40.	Multi-modal Medical Image Fusion Algorithm Based on Spatial Frequency Motivated PA-PCNN in the NSST Domain	K. Vanitha, D. Satyanarayana and M.N.G. Prasad	ECE	Bentham Science Current Medical Imaging	1573-4056	VIEW
41.	An improved Gabor wavelet transform and rough K-means clustering algorithm for MRI brain tumor image segmentation	D Maruthi Kumar, D.Satya Narayana & M.N. Giri Prasad	ECE	International Journal of Multimedia Tools and Applications	80:6939-6957	VIEW
42.	Investigation to Enhance the DC and RF Performances of Nitride-Based Nanoelectronic HEMTs	Sanjib Kalita	ECE	Indian Journal Of Pure and applied Physics	0975 -0959	VIEW
43.	A Multi-Pronged Accurate Approach to Optical Character Recognition, Using Nearest Neighborhood and Neural Network Based Principles	G. Kishor Kumar	CSE	Sadhana - Academy Proceedings in Engineering Science	0973-7677	VIEW
44.	An efficient sampling-based visualization technique for big data clustering with crisp partitions	K. Rajendra Prasad	CSE	Journal of Distributed and Parallel Databases	1573-7578	VIEW
45.	An efficient data transmission approach Using IAES-BE	M Indrasena Reddy	CSE	Cluster Computing journal	1386-7857	VIEW
46.	An enhanced cosine-based visual technique for the robust tweets data clustering	K Narasimhulu	CSE	International journal of Intelligent computing cybernetics Volume 14, Issue 2 [ESCI]	1756-378X	VIEW
47.	An Extended Fuzzy C-Means Segmentation for an Efficient BTM with the Region of Interest of SCP	K Subba Reddy	CSE	IGI Global Journal	1938-0232	VIEW
48.	An integrated Framework for software defect analysis with aware of SaaS Provisioning in cloud environment using MADM Methods	Nitalaksheswararao	CSE	Journal of Advances and applications in mathematical sciences	0974-6803	VIEW



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49.	Capable and Verification Protocol for Restricting Information Storage in Cloud Computing	K. Rajendra Prasad	CSE	Lecture Notes in Electrical Engineering, Springer, 2020	1876-1119	VIEW
50.	Challenges and Issues in Big Data Analytics (BDA)	Kaviarasan,	CSE	Turkish Journal of Physiotherapy and Rehabilitation	2651-4451	VIEW
51.	Deep Learning Based Pothole Detection and Reporting System	M Surya Bhupal Rao	CSE	Proceedings of IEEE international conference on smart structures and Systems-ICSSS'20	978-1-7281-7223-1	VIEW
52.	Design and Development of Ternary- Based Anomaly Detection in Semantic Graphs Using Metaheuristic Algorithm	M Sravan Kumar Reddy	CSE	International journal of digital crime and Forensics	1941-6210	VIEW
53.	Design of Reduced THD Level and analysis of multilevel inverter	Shaik Rahamat Basha	CSE	Design Engineering	0011-9342	VIEW
54.	Emotional Tweets Analysis on social Media with Short Text Classification Using various machine learning Techniques	M.Surya Bhupal Rao	CSE	Journal of Computational and Theoretical Nanoscience	1546-1955	VIEW
55.	Enhancement of attribute-based encryption schemes through machine learning Techniques: Research Challenges and Opportunities	P.Prathap Naidu	CSE	Jilin Daxue Xuebao Journal of jilin University (Engineering and Technology edition)	1671-5497	VIEW
56.	Exploring and Designing of Data Warehouse in Coal	K. Rajendra Prasad	CSE	Lecture Notes in Electrical Engineering, Springer, 2020	1876-1119	VIEW
57.	Image Anonymization using Deep Convolutional Generative Adversarial Network	K Nitalaksheswara Rao	CSE	Journal of Physics: Conference Series	1742-6596	VIEW
58.	Intelligent senti-based lexicon for content aware sentiment analysis: Optimized neural network for sentiment classification on social media	KE Naresh	CSE	The journal of supercomputing	1573-0484	VIEW
59.	Lion plus firefly algorithm for ternary-based anomaly detection in semantic graphs in smart cities	M. Sravan Kumar Reddy	CSE	International Journal of Ad Hoc and Ubiquitous Computing	1743-8233	VIEW
60.	Localizing non-line-of-sight nodes in vehicular Adhoc Networks using gray wolf methodology	Kaviarasan	CSE	International Journal of Communication systems	1099-1131	VIEW
61.	Multi-ROI segmentation for effective texture features of mammogram images	K Rajendra Prasad	CSE	Journal of Discrete Mathematical Sciences and Cryptography	2461-2469	VIEW
62.	Optimized Railway Track Condition Monitoring and Derailment Prevention System Supported by Cloud Technology	M Surya Bhupal Rao	CSE	Transportation and research record	0361-1981	VIEW



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63.	Plausible Role Environmental Factors on COVID-19 Transmission in the Megacity Delhi, India	S Vijaya Kumar	CSE	Aerosol and Air Quality Research	1680-8584	VIEW
64.	predicting and analyzing the e-commerce customer behavior using advanced frequent pattern matching in machine learning	M.Vinay Kumar	CSE	journal of innovation in information technology	2581-723x	VIEW
65.	Rank Criteria Improved Confidence-based centroid scheme for nonlinear of sight note localizations in vehicular networks	Kaviarasan	CSE	Journal of king Saud university - Computer and Information sciences. Elsevier	1319-1578	VIEW
66.	Rival-Model Penalized self-organizing Map enforced DDoS attack prevention mechanism for software defined network-based cloud computing environment	P.Harikrishna	CSE	Journal of parallel and distributed computing	0743-7315	VIEW
67.	Salp swarm bio inspired algorithm for detecting non line of sight vehicles in VANETs	R Kaviarasan	CSE	International journal of information technology	2511-2104	VIEW
68.	Sampling-based visual assessment computing techniques for an efficient social data clustering	K. Rajendra Prasad M Suleman Basha	CSE	The Journal of Super Computing, Springer	0920-8542	VIEW
69.	Ternary –based feature level extraction for anomaly detection in semantic graphs: an optimal feature selection basis	M Sravan Kumar Reddy	CSE	Sadhana	0973-7677	VIEW
70.	Visual topic models for healthcare data clustering”, in Evolutionary Intelligence Springer	K. RajendraPrasad	CSE	Evolutionary Intelligence	1864-5917	VIEW
71.	IOT HEALTHCARE FRAMEWORK INFRASTRUCTURE TO IMPROVE ENERGY CONSUMPTION IN NETWORKING	SURESH S RAO, AISWARYA.S, ELANGO S, NIHAL HEGDE, S. KARTHICK	EEE	IJBPAS	2277–4998	VIEW
72.	HOSPITALITY REFERRAL SYSTEMS WITH INTELLIGENT COLLABORATIVE DATA ANALYTICS FILTERING BASED ON MACHINE LEARNING	SURESH S RAO, NAGALAKSHMI T, APSARA SALETH MARY .A, URVASHI N.POTE, EKNATH MUNDHE, SHYAM SHUKLA	EEE	IJBPAS	2277–4998	VIEW
73.	Centralized and Decentralized Schemes for Optimal Scheduling of Electric Vehicles	Santosh Kumar Singh, Ma Hao, Liangjing Yang, Petros G Voulgaris	EEE	Indian Journal of Science and Technology	0974-5645	VIEW
74.	PREDICT AND DIAGNOSE CARDIOVASCULAR HEALTHCARE ILLNESSES BASED ON RADIOACTIVITY WITH MACHINE LEARNING MODELS	Suresh Rao	EEE	IJBPAS	2277-4998	VIEW
75.	Performance Enhancement of UPQC Using Takagi–Sugeno Fuzzy Logic Controller	D. Lenine, S. Shamshul Haq, S. V. N. L. Lalitha	EEE	International Journal of Fuzzy Systems (IJFS)	1562-2479	VIEW
76.	Integer factor based SVPWM approach for multilevel inverters with continuous and discontinuous switching sequences	A. Suresh Kumar, K. Sri Gowri,	EEE	Archives of Electrical Engineering	23002506	VIEW



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		S. Nagaraja Rao, B. M. Manjunatha, P.Sasi Kiran, K. Niteesh Kumar				
77.	Integer factor based SVPWM approach for multilevel inverters with continuous and discontinuous switching sequences	B. M. Manjunatha, A. Suresh Kumar, K. Sri Gowri, S. Nagaraja Rao, P.Sasi Kiran, K. Niteesh Kumar	EEE	<i>Archives of Electrical Engineering</i>	23002506	VIEW
78.	Integer factor based SVPWM approach for multilevel inverters with continuous and discontinuous switching sequences	P.Sasi Kiran, B. M. Manjunatha, A. Suresh Kumar, K. Sri Gowri, S. Nagaraja Rao, K. Niteesh Kumar	EEE	<i>Archives of Electrical Engineering</i>	23002506	VIEW
79.	Integer factor based SVPWM approach for multilevel inverters with continuous and discontinuous switching sequences	K. Niteesh Kumar, A. Suresh Kumar, K. Sri Gowri, S. Nagaraja Rao, B. M. Manjunatha, P.Sasi Kiran	EEE	<i>Archives of Electrical Engineering</i>	23002506	VIEW
80.	Effect of magnetic field and radiation on heat transfer analysis of nanofluid inside a square cavity filled with silver nanoparticles: Tiwari-Das model	P. Sreedevi, P. Sudarsana Reddy K. V. Suryanarayana Rao	Mathematics	Waves in Random and Complex Media	1745 - 5030.	VIEW
81.	Generalized Arithmetic graphs with equal and unequal powers of Annihilator Domination Number	P.Aparna , K.V.suryanarayana Rao E.Keshava Reddy	Mathematics	COMMUNICATIONS IN MATHEMATICS AND APPLICATIONS	0975-8607	VIEW
82.	The upper bounds of annihilator domination number of arithmetic graphs and $m=$ and $m=$,	P.Aparna , K.V.suryanarayana Rao E.Keshava Reddy	Mathematics	ADVANCES AND APPLICATIONS IN MATHEMATICAL SCIENCES	0974-6803	VIEW
83.	MHD boundary layer heat and mass transfer flow of nanofluid through porous media over inclined plate with chemical reaction	P. Sudarsana Reddy, P. Sreedevi	Mathematics	Multidiscipline Modeling in Materials and Structures	1573-6105	VIEW
84.	Heat and mass transfer analysis of MWCNT-kerosene nanofluid flow over a wedge with thermal radiation	P. Sreedevi, P. Sudarsana Reddy	Mathematics	Heat Transfer	1523-1496	VIEW
85.	Buongiorno's model nanofluid natural convection inside a square cavity with thermal radiation	P. Sudarsana Reddy, P. Sreedevi	Mathematics	Chinese Journal of Physics	0577-9073	VIEW
86.	Effect of thermal radiation and volume fraction on carbon nanotubes based nanofluid flow inside a square chamber	P. Sudarsana Reddy, P. Sreedevi	Mathematics	Alexandria Engineering Journal	1110-0168	VIEW



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87.	Impact of heat generation/absorption on heat and mass transfer of nanofluid over rotating disk filled with carbon nanotubes	P. Sudarsana Reddy, P. Sreedevi, K. V. Suryanarayana Rao	Mathematics	International Journal of Numerical Methods for Heat and Fluid Flow	0961 - 5539	VIEW
88.	Heat and mass transfer characteristics of radiative hybrid nanofluid flow over a stretching sheet with chemical reaction	M. Santhi, K.V. Suryanarayana Rao, P. Sudarsana Reddy, P. Sreedevi	Mathematics	Heat Transfer	1523-1496	VIEW
89.	Entropy generation and heat transfer analysis of magnetic hybrid nanofluid inside a square cavity with thermal radiation	P. Sudarsana Reddy, P. Sreedevi	Mathematics	European Journal of Physical Plus	2190-5444	VIEW
90.	Effect of zero mass flux condition on heat and mass transfer analysis of nanofluid flow inside a cavity with magnetic field	P. Sudarsana Reddy, P. Sreedevi	Mathematics	European Journal of Physical Plus	2190-5444	VIEW
91.	Heat and mass transfer analysis of nanofluid flow over swirling cylinder with Cattaneo-Christov heat flux	P. Sudarsana Reddy, P. Sreedevi	Mathematics	Journal of thermal analysis and calorimetry	1588-2926	VIEW
92.	Flow and heat transfer analysis of carbon nanotubes based nanofluid flow inside a cavity with modified Fourier heat flux	P. Sudarsana Reddy, P. Sreedevi	Mathematics	Physica Scripta	1402-4896	VIEW
93.	Effect of magnetic field and radiation on heat transfer analysis of nanofluid inside a square cavity filled with silver nanoparticles: Tiwari-Das model	P. Sreedevi, P. Sudarsana Reddy K. V. Suryanarayana Rao	Mathematics	Waves in Random and Complex Media	1745 - 5030.	VIEW
94.	Impact of convective boundary condition on heat and mass transfer of nanofluid flow over a thin needle filled with carbon nanotubes	P. Sreedevi, P. Sudarsana Reddy	Mathematics	Journal of Nanofluids	2169-432X	VIEW
95.	Entropy generation and heat transfer analysis of alumina and carbon nanotubes based hybrid nanofluid inside a cavity	P. Sreedevi, P. Sudarsana Reddy	Mathematics	Physica Scripta	1402-4896	VIEW
96.	Effect of magnetic field and thermal radiation on natural convection in a square cavity filled with TiO ₂ nanoparticles	P. Sreedevi, P. Sudarsana Reddy	Mathematics	Alexandria Engineering Journal	1110-0168	VIEW
97.	Williamson hybrid nanofluid flow over swirling cylinder with Cattaneo-Christov heat flux and gyrotactic microorganism	P. Sreedevi, P. Sudarsana Reddy	Mathematics	Waves in Random and Complex Media	1745 - 5030.	VIEW
98.	MHD boundary layer heat and mass transfer flow of nanofluid through porous media over inclined plate with chemical reaction	P. Sudarsana Reddy, P. Sreedevi	Mathematics	Multidiscipline Modeling in Materials and Structures	1573-6105	VIEW
99.	Heat and mass transfer analysis of MWCNT-kerosene nanofluid flow over a wedge with thermal radiation	P. Sreedevi, P. Sudarsana Reddy	Mathematics	Heat Transfer	1523-1496	VIEW
100.	Buongiorno's model nanofluid natural convection inside a square cavity with thermal radiation	P. Sudarsana Reddy, P. Sreedevi	Mathematics	Chinese Journal of Physics	0577-9073	VIEW
101.	Effect of thermal radiation and volume fraction on carbon nanotubes based nanofluid flow inside a square chamber	P. Sudarsana Reddy, P. Sreedevi	Mathematics	Alexandria Engineering Journal	1110-0168	VIEW
102.	Impact of heat generation/absorption on heat and mass transfer of nanofluid over rotating disk filled with carbon nanotubes	P. Sudarsana Reddy, P. Sreedevi, K. V. Suryanarayana Rao	Mathematics	International Journal of Numerical Methods for Heat and Fluid Flow	0961 - 5539	VIEW
103.	Heat and mass transfer characteristics of radiative hybrid nanofluid flow over a stretching sheet with chemical reaction	M. Santhi, K.V. Suryanarayana Rao,	Mathematics	Heat Transfer	1523-1496	VIEW



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		P. Sudarsana Reddy, P. Sreedevi				
104.	Entropy generation and heat transfer analysis of magnetic hybrid nanofluid inside a square cavity with thermal radiation	P. Sudarsana Reddy, P. Sreedevi	Mathematics	European Journal of Physical Plus	2190-5444	VIEW
105.	Effect of zero mass flux condition on heat and mass transfer analysis of nanofluid flow inside a cavity with magnetic field	P. Sudarsana Reddy, P. Sreedevi	Mathematics	European Journal of Physical Plus	2190-5444	VIEW
106.	Heat and mass transfer analysis of nanofluid flow over swirling cylinder with Cattaneo-Christov heat flux	P. Sudarsana Reddy, P. Sreedevi	Mathematics	Journal of thermal analysis and calorimetry	1588-2926	VIEW
107.	Flow and heat transfer analysis of carbon nanotubes based nanofluid flow inside a cavity with modified Fourier heat flux	P. Sudarsana Reddy, P. Sreedevi	Mathematics	Physica Scripta	1402-4896	VIEW
108.	Effect of magnetic field and radiation on heat transfer analysis of nanofluid inside a square cavity filled with silver nanoparticles: Tiwari-Das model	P. Sreedevi, P. Sudarsana Reddy K. V. Suryanarayana Rao	Mathematics	Waves in Random and Complex Media	1745 - 5030.	VIEW
109.	Impact of convective boundary condition on heat and mass transfer of nanofluid flow over a thin needle filled with carbon nanotubes	P. Sreedevi, P. Sudarsana Reddy	Mathematics	Journal of Nanofluids	2169-432X	VIEW
110.	Entropy generation and heat transfer analysis of alumina and carbon nanotubes based hybrid nanofluid inside a cavity	P. Sreedevi, P. Sudarsana Reddy	Mathematics	Physica Scripta	1402-4896	VIEW
111.	Effect of magnetic field and thermal radiation on natural convection in a square cavity filled with TiO ₂ nanoparticles	P. Sreedevi, P. Sudarsana Reddy	Mathematics	Alexandria Engineering Journal	1110-0168	VIEW
112.	Williamson hybrid nanofluid flow over swirling cylinder with Cattaneo-Christov heat flux and gyrotactic microorganism	P. Sreedevi, P. Sudarsana Reddy	Mathematics	Waves in Random and Complex Media	1745 - 5030.	VIEW
113.	Optimization of performance and emission parameters of direct injection diesel engine fuelled with microalgae Spirulina (L.)- Response Surface Methodology and Full factorial Method Approach	Dr. Upendra Rajak	Mechanical Engineering	Fuel	0016-2361	VIEW
114.	Effects of high-dosage copper oxide nanoparticles addition in diesel fuel on engine characteristics	Dr. Upendra Rajak	Mechanical Engineering	Energy	1873-6785	VIEW
115.	Performance and ecological parameters of a diesel engine fuelled with diesel and plastic pyrolyzed oil (PPO) at variable working parameters	Dr. Upendra Rajak	Mechanical Engineering	Environmental Technology & Innovation,	2352-1864	VIEW
116.	Experimental and empirical investigation of a CI engine fuelled with blends of diesel and roselle biodiesel	Dr. Upendra Rajak	Mechanical Engineering	Scientific Report	2045-2322	VIEW
117.	An experimental study and joining parameters optimization of friction stir weld butt joint by Taguchi approach to maximize the mechanical properties	Dr. Upendra Rajak	Mechanical Engineering	Arabian Journal for Science and Engineering	2191-4281	VIEW
118.	Novel Deep Neural Network Technique for Detecting Environmental Effects of COVID -19	Dr. Upendra Rajak	Mechanical Engineering	Energy Sources Part A Recovery Utilization and Environmental Effects	15567230	VIEW



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119.	Heat Transfer and Friction Factor Correlations for Double Pipe Heat Exchanger with Inner and Outer Corrugation	Dr. Upendra Rajak	Mechanical Engineering	Energy Sources Part A Recovery Utilization and Environmental Effects	15567230	VIEW
120.	A Numerical Study on the Effect of Engine Characteristics by Using Ethanol-moringa-diesel Fuel	Dr. Upendra Rajak	Mechanical Engineering	Journal of Engineering Research	23071877	VIEW
121.	A comprehensive review of the influence of physicochemical properties of biodiesel on combustion characteristics, engine performance and emissions,	Dr. Upendra Rajak	Mechanical Engineering	Journal of Traffic and Transportation Engineering (English Edition)	20957564	VIEW
122.	A numerical investigation of the species transport approach for modeling of gaseous combustion.	Dr. Upendra Rajak	Mechanical Engineering	Journal of Thermal Engineering	2148-7847	VIEW
123.	Effect of fuel injection pressure of microalgae spirulina biodiesel blends on engine characteristics	Dr. Upendra Rajak	Mechanical Engineering	Journal of Computational and Applied Research in Mechanical Engineering	22516549, 22287922	VIEW
124.	Numerical analysis of thermal energy storage systems using novel composite phase change materials	Dr. Upendra Rajak	Mechanical Engineering	Materials Today: Proceedings,scopus	2214-7853	VIEW
125.	Experimental and empirical investigation of a CI engine fuelled with blends of diesel and roselle biodiesel	Dr. Abhishek Dasore	Mechanical Engineering	scientific reports	2045-2322	VIEW
126.	Performance and ecological parameters of a diesel engine fueled with diesel and plastic pyrolyzed oil (PPO) at variable working parameters	Dr. Abhishek Dasore	Mechanical Engineering	Environmental Technology & Innovation,	2352-1864	VIEW
127.	Numerical analysis of thermal energy storage systems using novel composite phase change materials	Dr. Abhishek Dasore	Mechanical Engineering	Materials Today: Proceedings	2214-7853	VIEW
128.	Design and thermal analysis of engine cylinder fin body using various fin profiles	Dr. Abhishek Dasore	Mechanical Engineering	Materials Today: Proceedings	2214-7853	VIEW
129.	forecast and trend analysis of gold prices in India using autoregressive integrated moving average model	Dr. Abhishek Dasore	Mechanical Engineering	Journal of Mathematical and Computational Science	1927-5307	VIEW
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145.	Role of excitation wavelengths and dopant concentration on white light tunability of dysprosium doped titania-fluorophosphate glasses	N. Ravi, G. Neelima, Nanda Kumar Reddy Nallabala, Venkata Krishnaiah Kummara, R. Ravanamma, V. John Reddy,	Physics	Optical Materials	0925-3467	VIEW



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150.	Structure and morphology of yttrium doped barium titanate ceramics for multi-layer capacitor applications	Ravanamma R, Muralidhara Reddy K, Venkata Krishnaiah K, Ravi N	Physics	Materials Today: Proceedings	2214-7853	VIEW
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