



**Faculty Publications**  
**AY 2020-21**

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.	A new validated RP-HPLC method for the determination of Tinidazole and Roxithromycin in its bulk and pharmaceutical dosage forms	N. M. D. Akram; N. Madana Gopal; A. Balakrishna; N. Bakthavatchala Reddy; Grigory V. Zyryanov	Chemistry	AIP Conference Proceedings	1551-7616	<a href="#">VIEW</a>
2.	Method development and validation of a reversed phase HPLC method for determination of Anastrozole and Temozolomide in pharmaceutical dosage form	N. M. D. Akram; N. Madana Gopal; A. Balakrishna; N. Bakthavatchala Reddy	Chemistry	AIP Conference Proceedings	1551-7616	<a href="#">VIEW</a>
3.	A Meglumine catalyst-based synthesis, molecular docking, and antioxidant studies of dihydropyrano[3, 2-b]chromenedione derivatives	G. Sravya, G. Suresh, Grigory V. Zyryanov, A. Balakrishna, K. Madhu Kumar Reddy, C. Suresh Reddy, C. Venkataramaiah, W. Rajendra, N. Bakthavatchala Reddy	Chemistry	Journal of Heterocyclic Chemistry	0045-2068	<a href="#">VIEW</a>
4.	Characterization, Biological Activity and DNA Studies of Atomoxetine and Ortho Hydroxy Benzaldehyde Imine Metal Complexes	G. S. S. Anjaneya Vasavi J. Sreeramulu	Chemistry	Oriental Journal of Chemistry	0970-020 X	<a href="#">VIEW</a>
5.	Salacia mulbarica leaf extract mediated synthesis of silver nanoparticles for antibacterial and ct-DNA damage via releasing of reactive oxygen species	Chandra Sekhar Espenti, Kummari Subba Venkata Krishna Rao, Palakurthi Ramesh, Akila Chandra Sekhar, Kummara Madhusudana Rao	Chemistry	IET nanobiotechnology	1751-8741	<a href="#">VIEW</a>
6.	Green biosynthesis of ZnO nanomaterials and their anti-bacterial activity by using Moringa Oleifera root aqueous extract	Chandra Sekhar Espenti, A. G. Rama Krishna Y. V. Rami Reddy	Chemistry	SN Applied Sciences	2523-3971	<a href="#">VIEW</a>
7.	Green Synthesis of Silver Nanoparticles by Using Sansevieria Roxburghiana, Their Characterization and Antibacterial Activity	A. G. Rama Krishna, C. S. Espenti, Y. V. Rami Reddy,	Chemistry	Journal of Inorganic and Organometallic Polymers and Materials	1574-1443	<a href="#">VIEW</a>



# Rajeev Gandhi Memorial College of Engineering and Technology

AUTONOMOUS

Nandyal - 518501, A. P., India.

		A. Obbu M. V. Satyanarayana				
8.	An Article on Indian Accidents	Patan Azmatullah Khan	Civil Engineering	International Journal of Advances in Engineering and Management (IJAEM)	2395-5252	<a href="#">VIEW</a>
9.	Performance evaluation of recycled granular material as sustainable sub-base material	Sudhakar Mogili	Civil Engineering	Materials Today: Proceedings'	22147853	<a href="#">VIEW</a>
10.	Effect of fibres on the strength and toughness characteristics of recycled aggregate concrete	Sudhakar Mogili	Civil Engineering	Materials Today: Proceedings'	22147853	<a href="#">VIEW</a>
11.	Spatial Distribution of Covid-19 data in India by Using Geospatial Technologies	Sunandana Reddy.M	Civil Engineering	Journal of Remote sensing, Environmental Science & Geotechnical Engineering	2469-4134	<a href="#">VIEW</a>
12.	Seismic performance assessment of a G+4 school building in Gujarat, Ahmadabad	Rajaram Chenna	Civil Engineering	Asian Journal of Civil Engineering'	15630854	<a href="#">VIEW</a>
13.	Fe modelling of RC frames with link column frame system under in-plane loading	Joel Shelton J	Civil Engineering	Lecture Notes in Civil Engineering	2366-2557	<a href="#">VIEW</a>
14.	An Experimental Study On The Mechanical Properties Of Reactive Powder Concrete By Using Cement Replacement Of Metakaolin	T.Raghavendra, B.Rohini	Civil Engineering	Advances in Engineering, Management and Sciences'. Institute of Mechanics of Continua and Mathematical Sciences	2454-7190	<a href="#">VIEW</a>
15.	Study The Strength Development Of Concrete With Wood Ash Blended Cement	K.Madhan Gopal, G.Sreenivasulu	Civil Engineering	Institute of Mechanics of Continua and Mathematical Sciences	2454-7190	<a href="#">VIEW</a>
16.	Undrained performance of sustainable compacted sand-bentonite-glass fiber composite for landfill application	Mukherjee, K	Civil Engineering	Journal of Cleaner Production	09596526, 18791786	<a href="#">VIEW</a>
17.	Geospatial Technologies in the Mapping of Landslide Hazard Zonation	M.Sunandana Reddy	Civil Engineering	International Journal of Disaster Recovery and Business Continuity	2005-4289	<a href="#">VIEW</a>
18.	Dominant Color Palette Extraction by K-Means Clustering Algorithm and Reconstruction of Image	V P Hara Gopal	CSE & BS	Data Engineering and Communication Technology (Scopus)	2194-5365	<a href="#">VIEW</a>
19.	ISSUES WITH NEAREST NEIGHBOR CLASSIFICATION	Dr G KISHOR KUMAR, P ARUN BABU	CSE & BS	JOURNAL OF MECHANICS OF CONTINUA AND MATHEMATICAL SCIENCES	2454 -7190	<a href="#">VIEW</a>
20.	ENSEMBLE OF SUPPORT VECTOR MACHINES USING FUZZY-PAM FOR INTRUSION DETECTION	Dr G KISHOR KUMAR, P ARUN BABU	CSE & BS	JOURNAL OF MECHANICS OF CONTINUA AND MATHEMATICAL SCIENCES	2454 -7190	<a href="#">VIEW</a>
21.	Performance Analysis and Comparisions of AODV-RPL Routing Protocol in Low Power and Lossy Networks (LLN)	Dr G KISHOR KUMAR	CSE & BS	Test (Engineering & Management)	8673-8683	<a href="#">VIEW</a>



# Rajeev Gandhi Memorial College of Engineering and Technology

AUTONOMOUS

Nandyal - 518501, A. P., India.

22.	A Study on Customer Perception and Quality of Services in Banking Industry	K. Pushpa Latha	MBA	International Journal of Disaster Recovery and Business Continuity	2005-4289	<a href="#">VIEW</a>
23.	A Study on Customer Perception and Quality of Services in Banking Industry	S.Sowjanya	MBA	International Journal of Disaster Recovery and Business Continuity	2005-4289	<a href="#">VIEW</a>
24.	A Study on Commitment Of Temporary Employees At Ultratech Cement Industries, A.P	S.Sowjanya	MBA	Journal of Information and Computational Science	1548-7741	<a href="#">VIEW</a>
25.	Public sector Bank employee job satisfaction towards state bank of india in rayalaseema region	Dr. M Sudheer kumar	MBA	Journal of Mechanics of Continua and Mathematical Sciences	2454-7190	<a href="#">VIEW</a>
26.	A Study on innovative marketing strategy towards fast movable consumert goods industries in india	Dr.M Sudheer Kumar	MBA	Journal of mechanics of continua and Mathematical science	2454-7190	<a href="#">VIEW</a>
27.	Socio Economic Problems - A study of Sugali Tribe in Jillelamanda Pedda Thanda, Chittoor Distruct, Andhra Pradesh"	Dr.Aliya Sultana	MBA	Journal of Mechanics of Continua and Mathematical Sciences	2424 7190	<a href="#">VIEW</a>
28.	Profitability Analysis Of Public And Private Sector Banks In India – A Fundamental Approach	Dr.Aliya Sultana	MBA	Journal of Mechanics of Continua and Mathematical Sciences	2425 7190	<a href="#">VIEW</a>
29.	Systematic Transfer Plan (STP): An Alternative Investment Strategy to reduce Risk of Market Timing	Dr.G.C.Venkataiah	MBA	International Journal of Recent Technology and Engineering	2277-3878	<a href="#">VIEW</a>
30.	Drain Characteristics of GaN based Single-Heterojunction HEMTs with Variations in Gate Length and in Thickness of AlGaNNano-layer; <i>Journal of Nanoscience,</i>	Avrajyoti Dutta, Sanjib Kalita, SubhadeepMukhopadhyay	ECE	<i>NanoEngineering&amp; Application</i>	2321-5194	<a href="#">VIEW</a>
31.	Effects of Drain Voltage, Gate Voltage and Aluminium Mole Fraction on Drain Current in GaN based Single-Heterojunction HEMTs designed with AlGaNNano-Layers; <i>Nano Trends</i>	Avrajyoti Dutta, Sanjib Kalita, SubhadeepMukhopadhyay	ECE	<i>A Journal of Nanotechnology and Its Applications</i>	0973-418X	<a href="#">VIEW</a>
32.	Optical and spectroscopic properties of Ho <sup>3+</sup> -doped fluorophosphate glasses for visible lighting applications	Dr T Jaya Chandra Prasad	ECE	Materials Research Bulletin	0025-5408	<a href="#">VIEW</a>
33.	Coding Structure of JmvdC Along Saliency Mapping: A Perspective Compression Technique” International Journal of Communication Systems(IJCS)	T.Manasa Veena, D. Satyanarayana MN GiriPrasad	ECE	International Journal of Communication Systems(IJCS),	1099-1131	<a href="#">VIEW</a>
34.	Design of Hardened Flip-flop using Schmitt Trigger-Based SEM Latch in CNTFET Technology,	B. Divya Madhuri, S. Sunithamani, S.J. Basha, V. Ramesh Kumar	ECE	Emerald Circuit World	0305-6120	<a href="#">VIEW</a>
35.	Design of MWCNT based Through Silicon Vias with Polymer Liners to Reduce the Crosstalk Effects	S.J. Basha, V. Ramesh Kumar	ECE	ECS Journal of Solid State and Technology	2162-8769	<a href="#">VIEW</a>



# Rajeev Gandhi Memorial College of Engineering and Technology

AUTONOMOUS

Nandyal - 518501, A. P., India.

36.	Emperor Penguin Optimized User Association Scheme for MMWAVE Wireless Communication	J.Sofia Priya Dharshini	ECE	Springer' Wireless Personal Communications	1097-1113	<a href="#">VIEW</a>
37.	Independent controller design for MIMO processes based on extended simplified decoupler and equivalent transfer function.	Naik, R. Hanuma, DV Ashok Kumar, P. Sujatha	ECE	Ain Shams Engineering Journal	2090-4479	<a href="#">VIEW</a>
38.	Analysis of delay cell based voltage controlled Ring Oscillator in CMOS	Ramanjaneyulu N., Satyanarayana D., Satya Prasad K	ECE	Journal of Mechanics of continua and mathematical sciences	0973-8975	<a href="#">VIEW</a>
39.	MODIFIED QRS DETECTION ALGORITHM FOR ECG SIGNALS	Anchula Sathish, V Phalguna Kumar	ECE	Journal. Mech. Cont.& Math. Sci	0973-8975	<a href="#">VIEW</a>
40.	Analysis of delay cell based voltage controlled Ring Oscillator in CMOS	Ramanjaneyulu N., Satyanarayana D., Satya Prasad K	ECE	Journal of Mechanics of continua and mathematical sciences	0973-8975	<a href="#">VIEW</a>
41.	Optic Disk Segmentation through Edge Density Filter in Retinal Images	Y. Madhu Sudhana Reddy, R. S. Ernest Ravindran	ECE	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	2278-3075	<a href="#">VIEW</a>
42.	Linearity/Intermodulation Distortion Analysis of Tunneling and Thermionic Emission Mechanisms; Design Proposal and High Frequency Investigation	Shivendra Yadav, Anuj, Anju Gedam, Guru Prasad Mishra Mohd. Aslam	ECE	Semiconductor Science and Technology	0268-1242	<a href="#">VIEW</a>
43.	A Dielectric Modulated Biosensor for SARS-CoV-2	Shivendra Yadav, Anju, Sukeszni Tirkey	ECE	IEEE Sensor Journal	15558-1748	<a href="#">VIEW</a>
44.	A Simple Shape Descriptor Merging Arithmetical WrapAround Technique with Absolute Localized Pixel Differences	Kethepalli Malliakarjuna, Beepar Abdul Raheem, Govindaraj Pathanadka, Sudhakar Mogappair Suriya kumar	ECE	Wireless Personal Communications An International Journal	0929-6212	<a href="#">VIEW</a>
45.	Insight into Threshold Voltage and Drain Induced Barrier Lowering in Negative Capacitance Field Effect Transistor	Awadhya, B., Kondekar, P.N., Yadav	ECE	<i>Trans. Electr. Electron. Mater.</i> (Transactions on Electrical and Electronic Materials journal )	20927592, 12297607	<a href="#">VIEW</a>
46.	Novel circuit modal of multiwalled CNT Bundle interconnects using Multi-valued Ternary logic,	venkataiah C	ECE	IETE Journal of research	1530-437X	<a href="#">VIEW</a>
47.	Retinal Vessel Segmentation Using Morphological Analysis From Fundus Images	Y. Madhu Sudhana Reddy, R. S. Ernest Ravindran	ECE	Journal Of Critical Review	2394-5125	<a href="#">VIEW</a>
48.	Linear Weighted Non subsampled Contourlet Transform Fusion Using Principal Component Analysis	N. Nagaraja Kumar, T. Jayachandra Prasad	ECE	Journal Of Critical Review	2394-5125	<a href="#">VIEW</a>
49.	Hardware Design of Multi-Layer Coil For Magnetic Induction Communication in Non-Conventional Media	Sadanand Yadav, Abhilash Vensiyani,	ECE	IEEE International Conference on Advanced Networks and	2153-1684	<a href="#">VIEW</a>



# Rajeev Gandhi Memorial College of Engineering and Technology

AUTONOMOUS

Nandyal - 518501, A. P., India.

		Shashank Vadalia, Tanvi Kamble, Vinay Kumar, Sadanand Yadav,		Telecommunications Systems (ANTS), IIIT Delhi, IEEE		
50.	Designing a One-way Communication Using LI-FI Technology	Dr P V Gopi Krishna Rao	ECE	International Journal of Radio Frequency Design. Vol.6, Issue 1. IJRFD Journals	0886-9367	<a href="#">VIEW</a>
51.	Dynamic Rumor Influence Minimization with User Experience Model in Social Network	M. Sravan Kumar Reddy	CSE	International Journal of Scientific Research and Review (IJSRR)	2279-543X	<a href="#">VIEW</a>
52.	A Deep Learning Neural Network for Detecting the Diabetic Retinopathy	R. Raj Kumar	CSE	International Journal of Innovative Technology and Exploring Engineering	2278-3075	<a href="#">VIEW</a>
53.	An Analysis on ensemble Classifiers in Ensemble classification problems	P.Naveen sundar Kumar K. E. Naresh Kumar	CSE	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	2278-3075	<a href="#">VIEW</a>
54.	An Effective assessment of Cluster tendency through sampling based multi-viewpoints visual method	K. Rajendra Prasad	CSE	Journal of Ambient Intelligence and Humanized Computing	1868-5137	<a href="#">VIEW</a>
55.	AN improved Decision Tree Classification Approach for Expectation of cardiogram	Shaik Rahamat Basha	CSE	International conference on Computational Intelligence, Data Science and Cloud Computing	978-981-33- 4968-1	<a href="#">VIEW</a>
56.	Big Data Sentiment Analysis Using Distributed Computing Approach	K. Rajendra Prasad	CSE	International Conference on Artificial Intelligence and Cognitive Computing, Proceedings Published in Adv. In Intelligent Systems and Computing	2194-5357	<a href="#">VIEW</a>
57.	Comparision of Various Clustering Techniques in VANETS	Chaitanya Nukala	CSE	TEST Engineering Journal & Management	0193-4120	<a href="#">VIEW</a>
58.	Designing Authentication for Hadoop Cluster using DNA Algorithm	J.Balaraju	CSE	International Journal of Recent Technology and Engineering	2277-3878	<a href="#">VIEW</a>
59.	Enhanced Framework for Ensuring Privacy Preserving Image Retrieval in Cloud	K Subba Reddy G Kishore Kumar J K Gothwal	CSE	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	2278-3075	<a href="#">VIEW</a>
60.	Extensive Image Enhancement Techniques for Efficient Micro Classification in Detection of Mammography Masses	K. Rajendra Prasad	CSE	International Journal of Innovative Technology and Exploring Engineering	2278-3075	<a href="#">VIEW</a>



# Rajeev Gandhi Memorial College of Engineering and Technology

AUTONOMOUS

Nandyal - 518501, A. P., India.

61.	Innovative Secure Authentication Interface For Hadoop Cluster Using DNA Cryptography: A Practical Study	J.Balaraju	CSE	Advanced Intelligent Systems and computing (Springer)	2194-5357	<a href="#">VIEW</a>
62.	Machine Learning based Intrusion Detection Techniques – Handbook of Computer Networks and Cyber Security	R. Raj Kumar	CSE	Principles and Paradigms (Springer)	978-3-030-22277-2	<a href="#">VIEW</a>
63.	Recursive Self Organizing Maps and Software Defined Networking Cloud - A Survey	Harikrishna Pillutla	CSE	International Conference on Computer Communication and Informatics	2329-7190	<a href="#">VIEW</a>
64.	Software Fault Management Using Scheduling Algorithms	M.N.Praneswara Rao	CSE	JOURNAL OF COMPUTATIONAL THEORY AND NANOSCIENCE	1546-1963	<a href="#">VIEW</a>
65.	The performance assessment of MAC Protocols in Wireless Sensor Networks(WSNs)	C Hrishikesava Reddy	CSE	TEST Engineering Journal & Management	0193-4120	<a href="#">VIEW</a>
66.	Improved centralised control system for rejection of loop interaction in coupled tank system	D.V. Ashok Kumar, R. Hanuma Naik, P. V. Gopikrishna Rao	EEE	INDIAN CHEMICAL ENGINEER	0019-4506	<a href="#">VIEW</a>
67.	Decomposition based New Space Vector Algorithm for Three Level Inverter with various ADSVPWM strategies	A. Suresh Kumar, K. Sri Gowri , M. Vijaya Kumar	EEE	<i>Journal of Circuits, Systems and Computers</i>	0218-1266	<a href="#">VIEW</a>
68.	Design and Development of Sensorless Vector Control of Switched Reluctance Motor using Fuzzy Logic Controller	D Lenine, P Sujatha, K Nagesh	EEE	Journal of Scientific & Industrial Research	0022-4456	<a href="#">VIEW</a>
69.	An Optimized Multilevel Inverter Topology with Symmetrical and Asymmetrical DC Sources for Sustainable Energy Applications	B. M. Manjunatha, A. Suresh Kumar, S. Nagaraja Rao	EEE	Engineering, Technology & Applied Science Research (ETASR)	2241-4487	<a href="#">VIEW</a>
70.	An Optimized Multilevel Inverter Topology with Symmetrical and Asymmetrical DC Sources for Sustainable Energy Applications	A. Suresh Kumar, B. M. Manjunatha, S. Nagaraja Rao	EEE	Engineering, Technology & Applied Science Research (ETASR)	2241-4487	<a href="#">VIEW</a>
71.	A Sliding Mode Controller Approach for Three Phase Single Stage Seven Level Multilevel Inverter for Grid Connected Photovoltaic System	V. Bhaskar Reddy Naga, M. Kumar Vijaya, K. Reddy Rajasekhara	EEE	International Journal of Renewable Energy Research (IJRER)	1309-0127	<a href="#">VIEW</a>
72.	COMPARATIVE ANALYSIS OF MC-SPWM AND MSVPWM FOR SEVEN LEVEL DIODE CLAMPED MULTILEVEL INVERTER	V. Nagabhaskar Reddy, M. Vijaya Kumar, K. Rajasekhara Reddy	EEE	Journal of Mechanics of Continua and mathematical sciences	0973-8975	<a href="#">VIEW</a>
73.	EFFECT OF HEAT TREATMENT OF SOLENOID CORE ON OPEN CIRCUIT PARAMETERS OF TWO MUTUALLY COUPLED COILS	D. Lenine, S. Krishnarjuna Rao, P. Sujatha	EEE	Journal of Mechanics of Continua and mathematical sciences	0973-8975	<a href="#">VIEW</a>
74.	PERFORMANCE IMPROVEMENT OF ADAPTIVE FUZZY SYSTEM BASED DTC INDUCTION MOTOR DRIVE	D. Lenine, C. Anil Kumar, M. Subba Rao, J. Suryakumari	EEE	Journal of Mechanics of Continua and mathematical sciences	0973-8975	<a href="#">VIEW</a>



# Rajeev Gandhi Memorial College of Engineering and Technology

AUTONOMOUS

Nandyal - 518501, A. P., India.

75.	POWER QUALITY IMPROVEMENT USING PQ AND SRF ALGORITHMS IN SHUNT ACTIVE POWER FILTER (SAPF) WITH UNBALANCED SOURCE VOLTAGE	D. Lenine, M. Madhusan Reddy,	EEE	Journal of Mechanics of Continua and mathematical sciences	0973-8975	<a href="#">VIEW</a>
76.	PERFORMANCE IMPROVEMENT OF ADAPTIVE FUZZY SYSTEM BASED DTC INDUCTION MOTOR DRIVE	J. Suryakumari, D. Lenine, C. Anil Kumar, M. Subba Rao,	EEE	Journal of Mechanics of Continua and mathematical sciences	0973-8975	<a href="#">VIEW</a>
77.	SMART AND EFFICIENT IRRIGATION SYSTEM USING WIRELESS SENSOR NETWORK AND IoT	Suresh Rao	EEE	Journal of Mechanics of Continua and mathematical sciences	0973-8975	<a href="#">VIEW</a>
78.	RECITAL ANALYSIS OF MODULAR MULTILEVEL CONVERTER BASED SHUNT ACTIVE POWER FILTER	V. Narasimhulu, D. V. Ashok Kumar, Ch. Sai Babu	EEE	JOURNAL OF MECHANICS OF CONTINUA AND MATHEMATICAL SCIENCES	0973-8975	<a href="#">VIEW</a>
79.	RECITAL ANALYSIS OF MODULAR MULTILEVEL CONVERTER BASED SHUNT ACTIVE POWER FILTER	D. V. Ashok Kumar, V. Narasimhulu, Ch. Sai Babu	EEE	JOURNAL OF MECHANICS OF CONTINUA AND MATHEMATICAL SCIENCES	0973-8975	<a href="#">VIEW</a>
80.	Near infrared broadband and visible upconversion emissions of erbium ions in oxyfluoride glasses for optical amplifier applications Author links open overlay panel	Lenine D, Venkata Krishnaiah Kummara, Neelima G, Ravi N, Nanda Kumar Reddy Nallabala, Satish Kumar Reddy H, Dwaraka Viswanath C.S, Surekha G, Padma Suvarna R, Yuvaraj C, Venkatramu V	EEE	Optics & Laser Technology	0030-3992	<a href="#">VIEW</a>
81.	Computational intelligence based control of cascaded H-bridge multilevel inverter for shunt active power filter application	D. V. Ashok Kumar, V. Narasimhulu, Ch. Sai Babu	EEE	Journal of Ambient Intelligence and Humanized Computing (JAIHC)	1868-5137	<a href="#">VIEW</a>
82.	Computational intelligence based control of cascaded H-bridge multilevel inverter for shunt active power filter application	V. Narasimhulu, D. V. Ashok Kumar, Ch. Sai Babu	EEE	Journal of Ambient Intelligence and Humanized Computing (JAIHC)	1868-5137	<a href="#">VIEW</a>
83.	LWT Based ANN with Ant Lion Optimizer for Detection and Classification of High Impedance Faults in Distribution System	D. V. Ashok Kumar, M. Vijay Kumar, N. Narasimhulu	EEE	Journal of Electrical Engineering & Technology	1975-0102	<a href="#">VIEW</a>
84.	Detection and Classification of High Impedance Fault in Power Distribution System using Hybrid Technique	D. V. Ashok Kumar, V. Narasimhulu, M. Vijaya Kumar	EEE	Journey of Circuits, systems and computers	0218-1266	<a href="#">VIEW</a>



# Rajeev Gandhi Memorial College of Engineering and Technology

AUTONOMOUS

Nandyal - 518501, A. P., India.

85.	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	<a href="#">VIEW</a>
86.	Soret and Dufour effects on MHD flow of viscoelastic fluid past an infinite vertical stretching sheet	B.Sivakumar Reddy, K.V.Suryanarayana Rao	Mathematics	Heat Transfer, (Wiley Publisher, ESCI Journal)	1523-1496	<a href="#">VIEW</a>
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	<a href="#">VIEW</a>
88.	Multivariate Jeffrey fluid flow past a vertical plate through porous medium	D.Dastagiri Babu, S.Venkateswarlu, E.Keshava Reddy	Mathematics	Journal of Applied and Computational Mechanics	2383-4536	<a href="#">VIEW</a>
89.	Approximation of Casson fluid in conducting field past a plate in the presence of Dufour, radiation and chemical reaction effects	Dr. S. Venkateswarlu, D. Dastagiri Babu Dr. E. Keshava Reddy	Mathematics	Journal of Mechanics of Continua and Mathematical Sciences	---	<a href="#">VIEW</a>
90.	Combined influence of Brownian motion and thermophoresis on Maxwell three dimensional nanofluid flow over stretching sheet with chemical reaction and thermal radiation	P. Sreedevi, P. Sudarsana Reddy	Mathematics	Journal of Porous Media	1091 - 028X	<a href="#">VIEW</a>
91.	Impact of chemical reaction and double stratification on heat and mass transfer characteristics of nanofluid flow over porous stretching sheet with thermal radiation	P. Sudarsana Reddy, P. Sreedevi	Mathematics	International Journal of Ambient Energy	0143-0750	<a href="#">VIEW</a>
92.	Impact of slip effects on unsteady Sisko nanoliquid heat and mass transfer characteristics over stretching sheet filled with gold nanoparticles	K. Jyothi, P. Sudarsana Reddy, M. Suryanarayana Reddy, B.Prabhavathi	Mathematics	Heat Transfer	1523-1496	<a href="#">VIEW</a>
93.	Impact of homogeneous-heterogeneous reactions on heat and mass transfer flow of Au-Eg and Ag-Eg Maxwell nanofluid past a horizontal stretched cylinder	P. Sreedevi, P. Sudarsana Reddy, M.A. Sheremet	Mathematics	Journal of thermal analysis and calorimetry	1588 - 2926	<a href="#">VIEW</a>
94.	A comparative analysis of unsteady and steady Buongiorno's Williamson nanoliquid flow over a wedge with slip effects	R. Chandra Sekar Reddy, P. Sudarsana Reddy	Mathematics	Chinese Journal of Chemical Engineering	1004 - 9541	<a href="#">VIEW</a>
95.	Heat and mass transfer analysis of unsteady hybrid nanofluid flow over a stretching sheet with thermal radiation	P. Sreedevi, P. Sudarsana Reddy, A.J. Chamkha	Mathematics	SN Applied Sciences	2523-3971	<a href="#">VIEW</a>
96.	Combined influence of Brownian motion and thermophoresis on Maxwell three dimensional nanofluid flow over stretching sheet with chemical reaction and thermal radiation	P. Sreedevi, P. Sudarsana Reddy	Mathematics	Journal of Porous Media	1091 - 028X	<a href="#">VIEW</a>
97.	Impact of chemical reaction and double stratification on heat and mass transfer characteristics of nanofluid flow over porous stretching sheet with thermal radiation	P. Sudarsana Reddy, P. Sreedevi	Mathematics	International Journal of Ambient Energy	0143-0750	<a href="#">VIEW</a>





# Rajeev Gandhi Memorial College of Engineering and Technology

AUTONOMOUS

Nandyal - 518501, A. P., India.

98.	Impact of homogeneous-heterogeneous reactions on heat and mass transfer flow of Au-Eg and Ag-Eg Maxwell nanofluid past a horizontal stretched cylinder	P. Sreedevi, P. Sudarsana Reddy, M.A. Sheremet	Mathematics	Journal of thermal analysis and calorimetry	1588 - 2926	<a href="#">VIEW</a>
99.	Heat and mass transfer analysis of unsteady hybrid nanofluid flow over a stretching sheet with thermal radiation	P. Sreedevi, P. Sudarsana Reddy, A.J. Chamkha	Mathematics	SN Applied Sciences	2523-3971	<a href="#">VIEW</a>
100.	A comparative analysis of unsteady and steady Buongiorno's Williamson nanoliquid flow over a wedge with slip effects	R. Chandra Sekhar Reddy, P. Sudarsana Reddy	Mathematics	Chinese Journal of Chemical Engineering	1004-9541	<a href="#">VIEW</a>
101.	Multivariate Jeffrey fluid flow past a vertical plate through a porous medium	D.Dastagiri Babu, Dr S. Venkateswarlu Dr E. Keshava Reddy	Mathematics	Journal of applied and computational Mechanics,	2383-4536	<a href="#">VIEW</a>
102.	Approximation of Casson fluid in conducting field past a plate in the presence of Dufour, radiation and chemical reaction effects	Dr. S. Venkateswarlu, D. Dastagiri Babu Dr. E. Keshava Reddy	Mathematics	Journal of Mechanics of Continua and Mathematical Sciences,	2454-7190	<a href="#">VIEW</a>
103.	Impact of slip effects on unsteady Sisko nanoliquid heat and mass transfer characteristics over stretching sheet filled with gold nanoparticles	K. Jyothi, P. Sudarsana Reddy, M. Suryanarayana Reddy, B.Prabhavathi	Mathematics	Heat transfer	1523-1496	<a href="#">VIEW</a>
104.	Performance and emission analysis of a diesel engine using hydrogen enriched n-butanol, diethyl ester and Spirulina microalgae biodiesel	Dr. Upendra Rajak	Mechanical Engineering	Fuel	0016-2361	<a href="#">VIEW</a>
105.	Investigations of spirulina, waste cooking, and animal fats blended biodiesel fuel on auto-ignition diesel engine performance, emission characteristics.	Dr. Upendra Rajak	Mechanical Engineering	Fuel	0016-2361	<a href="#">VIEW</a>
106.	Effect of microalgae, tyre pyrolysis oil and Jatropha biodiesel enriched with diesel fuel on performance and emission characteristics of CI engine.	Dr. Upendra Rajak	Mechanical Engineering	Fuel	0016-2361	<a href="#">VIEW</a>
107.	The effect of ethanol-methanol-diesel-microalgae blends on performance, combustion and emissions of a direct injection diesel engine	Dr. Upendra Rajak	Mechanical Engineering	Sustainable Energy Technologies and Assessments	2213-1388	<a href="#">VIEW</a>
108.	Financial assessment, performance and emission analysis of Moringa oleifera and Jatropha curcas methyl ester fuel blends in a single-cylinder diesel engine	Dr. Upendra Rajak	Mechanical Engineering	Energy Conversion and Management	0196-8904	<a href="#">VIEW</a>
109.	Response surface analysis, clustering, and random Forest regression of pressure in suddenly expanded high-speed aerodynamic flows	Dr. Upendra Rajak	Mechanical Engineering	Aerospace Science and Technology	1270-9638	<a href="#">VIEW</a>
110.	Comparative assessment of the emission characteristics of first, second and third generation biodiesels as fuel in a diesel engine	Dr. Upendra Rajak	Mechanical Engineering	Journal of Thermal Engineering	2148-7847	<a href="#">VIEW</a>
111.	Plastic waste as a biofuel feedstock- A conceptual study	Dr. Upendra Rajak	Mechanical Engineering	IOP Conference Series: Materials Science and Engineering	17578981, 1757899X	<a href="#">VIEW</a>



# Rajeev Gandhi Memorial College of Engineering and Technology

AUTONOMOUS

Nandyal - 518501, A. P., India.

112	Influence of combustion and emission characteristics on a compression ignition engine from a different generation of biodiesel	Dr. Upendra Rajak	Mechanical Engineering	Engineering Science and Technology, an International Journal	2215-0986	<a href="#">VIEW</a>
113	Numerical study on emission characteristics of a diesel engine fuelled with diesel-spirulina microalgae-ethanol blends at various operating conditions	Dr. Upendra Rajak	Mechanical Engineering	Fuel	0016-2361	<a href="#">VIEW</a>
114	Effect of spirulina microalgae biodiesel enriched with diesel fuel on performance and emission characteristics of CI engine	Dr. Upendra Rajak	Mechanical Engineering	Fuel	0016-2361	<a href="#">VIEW</a>
115	Convective hot air drying kinetics of red beetroot in thin layers	Dr. Abhishek Dasore	Mechanical Engineering	Frontiers in Heat and Mass Transfer	2151-8629	<a href="#">VIEW</a>
116	Evaluation Of Heat And Mass Transfer Coefficients At Beetroot-Air Interface During Convective Drying	Dr. Abhishek Dasore	Mechanical Engineering	Interfacial Phenomena and Heat Transfer	2169-2785	<a href="#">VIEW</a>
117	An empirical study on modified second order response surface and Taguchi designs for optimizing the process parameters	Dr. Abhishek Dasore	Mechanical Engineering	Journal of Mathematical and Computational Science	1927-5307	<a href="#">VIEW</a>
118	Comparison of thermal performance of circular fins with different profiles on a vertical cylinder	Dr. Abhishek Dasore	Mechanical Engineering	International Journal of Mechanical and Production Engineering Research and Development	2249-6890	<a href="#">VIEW</a>
119	A panorama of advances in adsorption refrigeration technique towards a green cooling	Dr. Abhishek Dasore	Mechanical Engineering	International Journal of Mechanical and Production Engineering Research and Development	2249-6890	<a href="#">VIEW</a>
120	A Novel Empirical Model For Drying Of Root Vegetables In Thin-Layers	Dr. Abhishek Dasore	Mechanical Engineering	INTERNATIONAL JOURNAL OF SCIENTIFIC & TECHNOLOGY RESEARCH VOLUME	2277-8616	<a href="#">VIEW</a>
121	Analysis of Dry sliding wear behavior of AA07076/TiC MMCs	Dr Syed Altaf Hussain	Mechanical Engineering	Materials Engineering Innovation,	1757-2754	<a href="#">VIEW</a>
122	Experimental Investigations on Effect of Modified Piston Geometry in CI Engine Fuelled with Blends of Diesel and Tyre Pyrolysis Oil	Dr. K. T. Reddy	Mechanical Engineering	Journal of Scientific & Industrial Research	0975-1084	<a href="#">VIEW</a>
123	Financial assessment, performance and emission analysis of Moringa oleifera and Jatropha curcas methyl ester fuel blends in a single-cylinder diesel engine	Dr. K. T. Reddy	Mechanical Engineering	International Journal of Ambient Energy	0196-8904	<a href="#">VIEW</a>
124	Influences of pilot injection, main injection and EGR on performance combustion and emissions in an HCCI-DI combustion engine using with Diesel and WPPO bio-diesel blends	Dr. K. T. Reddy	Mechanical Engineering	International journal of ambient energy	2162-8246	<a href="#">VIEW</a>



# Rajeev Gandhi Memorial College of Engineering and Technology

AUTONOMOUS

Nandyal - 518501, A. P., India.

125	Combustion performance and emission characteristics on HCCI engine of waste plastic pyrolysis oil biodiesel blends with external PFI and vaporiser	Dr. K. T. Reddy	Mechanical Engineering	International Journal of Sustainable Engineering	19397046	<a href="#">VIEW</a>
126	Influences of pilot injection, main injection and EGR on performance combustion and emissions in an HCCI-DI combustion engine using with Diesel and WPP0 bio-diesel blends	Dr. K. T. Reddy	Mechanical Engineering	International journal of ambient energy	2162-8246	<a href="#">VIEW</a>
127	Prediction of the WPP0 Bio-Diesel - Fuelled HCCI Engine using Artificial Neural Networks	Dr. K. T. Reddy	Mechanical Engineering	Intelligent Manufacturing and Energy Sustainability	978-981-15-1616-0	<a href="#">VIEW</a>
128	Flexural behavior of porous functionally graded plates using a novel higher order theory	Dr B. Sidda Reddy	Mechanical Engineering	Journal of Computational Applied Mechanics,	361-373	<a href="#">VIEW</a>
129	Free vibration behavior of bi-directional functionally graded plates with porosities using a refined first order shear deformation theory	Dr B. Sidda Reddy	Mechanical Engineering	Journal of Computational Applied Mechanics,	361-373	<a href="#">VIEW</a>
130	A refined inverse hyperbolic shear deformation theory for bending analysis of functionally graded porous plates	Dr B. Sidda Reddy	Mechanical Engineering	Journal of Computational Applied Mechanics,	361-373	<a href="#">VIEW</a>
131	An Experimental Investigation on the Performance, Combustion and Emission Characteristics of CI Diesel Engine at Various Compression Ratios with Different Ethanol-Biodiesel Blends	Dr. B. Sidda Reddy	Mechanical Engineering	International Journal of Science and Technology	2005-4238	<a href="#">VIEW</a>
132	Modeling and Analysis of Compression Ignition Engine Performance and Emissions of Biodiesel	Dr V. Nageswara Reddy	Mechanical Engineering	Recent Trends in Mechanical Engineering	2195-4356	<a href="#">VIEW</a>
133	Metallography, Microstructure, and Wear Analysis of AA 6063/TiC Composites for Augmented Dry Sliding Property at Room Temperature	Dr. M. Ashok Kumar	Mechanical Engineering	Metallography, Microstructure, and Analysis	2192-9270	<a href="#">VIEW</a>
134	An Integration of Use of Facebook, Peer Assessment with Blended Learning to Enhance the Writing Skills of Freshmen Engineering Graduates - A Pragmatic Approach	P. Kousar Basha Dr. Y. Suneetha	English	Journal of Contemporary Issues in Business and Government	1323-6903	<a href="#">VIEW</a>
135	Rubrics of Email writing- an edge to professionals	P. Kousar Basha, Dr. Y. Suneetha	English	Journal of Tathapi	2320-0693	<a href="#">VIEW</a>
136	Socio-Economic problems: A Study of Sugali Tribe in JillelamandaPeddaThanda, Chittoor dist., Andhra Pradesh	Dr. G. Kiran Kumar Reddy Dr. Y. Su neetha P.Kousar Basha	English	Mechanics of Continua and Mathematical Science	2454-7190	<a href="#">VIEW</a>
137	"Ruth Prawar Jabhvala's Heat and Dust: Narrating Social Realism in Film Adaptations of Indian Fiction in English"	Dr. Y.Suneetha	English	Pramana Research Journal	2249-2976	<a href="#">VIEW</a>
138	UV excited SrAl <sub>2</sub> O <sub>4</sub> :Tb <sup>3+</sup> nanophosphors for photonic applications	B.C. Jamalaih, N. Venkatramaiah, T. Srinivasa Rao, Sk Nayab Rasool, B. Narasimha Rao, D.V. Raghu Ram, A. Surya Narayana Reddy	Physics	Materials Science in Semiconductor Processing	1369-8001	<a href="#">VIEW</a>
139	Enhanced red luminescent PBTNAEu glasses for solid state lasers	B.C. Jamalaih , N. Madhu,K. Venkata Rao, G. Viswanadha,	Physics	Journal of Luminescence	0022-2313	<a href="#">VIEW</a>



# Rajeev Gandhi Memorial College of Engineering and Technology

AUTONOMOUS

Nandyal - 518501, A. P., India.

		D.V. Raghu Ram				
140.	Luminescence properties of SrAl <sub>2</sub> O <sub>4</sub> : Tb <sup>3+</sup> / Bi <sup>3+</sup> nanophosphors for display applications	Dr. B.C. Jamalaiah, N. Madhu	Physics	Journal of Molecular Structure	0022-2860	<a href="#">VIEW</a>
141.	Erbium doped Bi <sub>2</sub> O <sub>3</sub> -B <sub>2</sub> O <sub>3</sub> glass-ceramics containing Bi <sub>3</sub> B <sub>5</sub> O <sub>12</sub> and CaF <sub>2</sub> nanocrystallites for 1.53 μm fiber lasers	Dr. B.C. Jamalaiah, G. Viswanadha	Physics	Journal of the European Ceramic Society	0955-2219	<a href="#">VIEW</a>
142.	<a href="#">Charecteristic behaviour of rare earth doped oxyfluoroborate glasses</a>	S. Farooq, V.B.Sreedhar, R. Padmasuvarna, Y. Munikrishna Reddy,	Physics	Journal mechanics of continua and mathematical sciences	2454-7190	<a href="#">VIEW</a>
143.	Characteristic Behaviour of Rare earth doped Oxyfluoroborate glasses	S. Farooq, V.B.Sreedhar, R. Padmasuvarna, Y. Munikrishna Reddy,	Physics	Journal mechanics of continua and mathematical sciences	2454-7190	<a href="#">VIEW</a>
144.	UV excited SrAl <sub>2</sub> O <sub>4</sub> :Tb <sup>3+</sup> nanophosphors for photonic applications,	B.C. Jamalaiah, N. Venkatramaiah, T. Srinivasa Rao, Sk Nayab Rasool, B. Narasimha Rao, D.V. Raghu Ram, A. Surya Narayana Reddy	Physics	Materials Science in Semiconductor Processing	1369-8001	<a href="#">VIEW</a>
145.	<a href="#">FTIR, Raman and XRD analysis of graphene oxide films prepared by modified Hummers method</a>	G Surekha, K Venkata Krishnaiah, N Ravi and R Padma Suvarna	Physics	Journal of Physics: Conference Series	1742-6588	<a href="#">VIEW</a>
146.	Thermal, optical and radiative properties of Ho <sup>3+</sup> -doped oxyfluoro phosphate glasses for visible lighting applications	Jayachandra Prasad T, Neelima G, Ravi N, Kiran N, Nanda Kumar Reddy Nallabala, Venkata Krishnaiah Kummara, Suresh K, Paramesh Gadige	Physics	Materials Research Bulletin	0025-5408	<a href="#">VIEW</a>
147.	<a href="#">Structure and EPR investigations on Gd<sup>3+</sup> ions in magnesium-lead-borophosphate glasses</a>	Nallamala Kiran, Venkata Krishnaiah Kummara, Nirlakalla Ravi, D. Lenine	Physics	Journal of Molecular structures	0022-2860	<a href="#">VIEW</a>
148.	<a href="#">Near infrared broadband and visible upconversion emissions of erbium ions in oxyfluoride glasses for optical amplifier applications</a>	Venkata Krishnaiah Kummara,	Physics	Optics & Laser Technology	0030-3992	<a href="#">VIEW</a>



# Rajeev Gandhi Memorial College of Engineering and Technology

AUTONOMOUS

Nandyal - 518501, A. P., India.

		Neelima G, Ravi N, Nanda Kumar Reddy Nallabal, Satish Kumar Reddy H, Dwaraka Viswanath C.S., Lenine D, Surekha G, Padma Suvarna R, Yuvaraj C, Venkatramu V				
149.	<a href="#">Effect of small concentration of TiO<sub>2</sub> on physical and optical properties of borobismuthate glasses</a>	Pavan Kumar Pothuganti; Ashok Bhogi; Muralidhara Reddy Kalimi; Padamasuvarna Reniguntla	Physics	<a href="#">AIP Conference Proceedings</a>	0094-243X	<a href="#">VIEW</a>
150.	Enhancement of 1.8 $\mu$ m emission in Er <sup>3+</sup> /Tm <sup>3+</sup> co-doped tellurite glasses: Role of energy transfer and dual wavelength pumping schemes,	K. Suresh, K. Venkata Krishnaiah, Ch Basavapoornima, Shobha Rani Depuru, C.K. Jayasankar	Physics	Journal of Alloys and Compounds	0925-8388	<a href="#">VIEW</a>
151.	Near infrared broadband and visible upconversion emissions of erbium ions in oxyfluoride glasses for optical amplifier applications,	Venkata Krishnaiah Kummara, Neelima G, Ravi N, Nanda Kumar Reddy Nallabal, Satish Kumar Reddy H, Dwaraka Viswanath C.S., Lenine D, Surekha G, Padma Suvarna R, Yuvaraj C, Venkatramu V	Physics	Optics and Laser Technology	0030-3992	<a href="#">VIEW</a>
152.	Structural, optical and photoresponse characteristics of metal-insulator-semiconductor (MIS) type Au/Ni/CeO <sub>2</sub> /GaN Schottky barrier ultraviolet photodetector	Nanda Kumar Reddy Nallabala, Srinivas Godavarthi, Venkata Krishnaiah Kummara, Mohan Kumar Kesarla, Debabrata Saha,	Physics	Materials Science in Semiconductor Processing	1369-8001	<a href="#">VIEW</a>



# Rajeev Gandhi Memorial College of Engineering and Technology

AUTONOMOUS

Nandyal - 518501, A. P., India.

		Harish Sharma Akkera, Gopi Krishna Guntupalli, Suresh Kumar, S.V. Prabhakar Vattikuti				
153	Quantum cutting and near-infrared emissions in Ho <sup>3+</sup> /Yb <sup>3+</sup> codoped transparent glass-ceramics	P. Babu, I.R. Martín, V. Lavín, U.R. Rodríguez-Mendoza, Hyo Jin Seo, K. Venkata Krishanaiah, V. Venkatramu	Physics	J. Luminescence	0022-2313	<a href="#">VIEW</a>

  
**Dr. T. JAYACHANDRA PRASAD**  
M.E, Ph.D., FIE, FIETE, MNAFEN, MISTE, MIEEE  
PRINCIPAL  
R G M College of Engg. & Tech.,  
(Autonomous)  
NANDYAL-518 501, Kurmool (Dt), A.P.