Faculty Publications
AY 2018-19

S. No	Title of paper	Name of the author/s	Department of the teacher	Name of journal	ISSN number	Link to College website of the Paper
1.	Design and Synthesis of Some New Benzimidazole Containing Pyrazoles and Pyrazolyl Thiazoles as Potential Antimicrobial Agents	Nemallapudi Bakthavatchala Reddy, Grigory V. Zyryanov, Guda Mallikarjuna Reddy, Avula Balakrishna, Adivireddy Padmaja, Venkatapuram Padmavathi, Cirandur Suresh Reddy, Jarem Raul Garcia, Gundala Sravya	Chemistry	Journal of Heterocyclic Chemistry	0045-2068	VIEW
2.	Characterisation And Biological Activity Of Atomoxetine-Ortho Vanillinschiff Base & its Cu(II) & Ru(II) Metal Complexes	G.S.S. Anjaneya Vasavi, J. Sreeramulu, G.V. Subba Reddy, T. SreenathaSharma	Chemistry	Journal of Global Trends in Pharmaceutical Sciences	2230-7346	VIEW
3.	Simulation results source for the identification of biological active compounds: synthesis, antimicrobial evaluation and SARs of three in one heterocyclic motifs	N. Bakthavatchala Reddy, Grigory V. Zyryanov, G. Mallikarjuna Reddy, A. Balakrishna, J. R. Garcia, A. Camilo Jr & G. Sravya	Chemistry	*Medicinal Chemistry Research*	1054-2523	VIEW
4.	Nano-TiO2/SiO2 catalyzed synthesis, theoretical calculations and bioactivity studies of new α-aminophosphonates	G. Sravya, Zyryanov Grigory V., A. Balakrishna, K. Madhu Kumar Reddy, C. Suresh Reddy, G. Mallikarjuna Reddy, A. Camilo Jr, J. R. Garcia N. Bakthavatchala Reddy	Chemistry	Phosphorus, Sulfur, and Silicon and the Related Elements	1563-5325	VIEW
5.	Synthesis, Characterization, DNA Binding and Nuclease Activity of Cobalt(II) Complexes of Isonicotinoyl Hydrazones	Suseelamma Akkil, Raja Karredduala, Reddy Katreddi Hussain	Chemistry	Iran. J. Chem. Chem. Eng.	1021-9986	VIEW

6.	Preparation and properties of silver nanocomposite fabrics with in situ-generated silver nano particles using red sanders powder extract as reducing agen	Amara Venkateswara Rao, Basa Ashok, Mallavarapu Umamahesh, Vatti Chandrasekhar, Gopireddy Venkata Subbareddy, Anumakonda Varada Rajulu	Chemistry	International Journal of Polymer Analysis and Characterization	1023-666X	VIEW
7.	Eco-friendly Synthesis of Silver Nanoparticles Using Plumeria obtusa Plant Leaves Extract - A Spectral Study and Antibacterial Activity	Arun Babu Birusanti, Umamahesh Mallavarapu, Devanna Nayakanti, Chandra Sekhar Espenti, Seenivasulu Mala	Chemistry	Indian Journal of Advances in Chemical Science	2320-0898	VIEW
8.	Damage Assessment due to pounding between adjacent Structures with equal and unequal Heights	Rajaram Chenna	Civil Engineering	Journal of Civil Structural Health Monitoring	21905452, 21905479	VIEW
9.	Development of Link Column frame System for seismic Resistance of Reinforced Concrete Structures	Joel Shelton J	Civil Engineering	Advances in Civil Engineering Materials	2379-1357	VIEW
10.	GIS based Land Information System for Medchal Mandal of R.R. District	M.Sunandana Reddy	Civil Engineering	International Journal of Computer Sciences and Engineering	2347 – 2693	VIEW
11.	Comparison of Seismic Behavior of a Multi-Storey Structure with Composite Columns and Shear Walls in Different Heights	Madhan Gopal Kallutla Sreenivasulu Gopu	Civil Engineering	Journal of Emerging Technologies and Innovative Research	2349-5162	VIEW
12.	Strength Characteristics Of High Strength SCC Using Silica Fume And GGBS",	J.Sravani	Civil Engineering	Journal Of Emerging Technologies And Innovative	2349 – 5162	VIEW
13.	Effect on Mechanical Properties of M25 SCC with Variation of Class-F Fly Ash & GGBS", International	B.Bhavani, C.Krishnamaraju, S yed Talha Zaid	Civil Engineering	International Journal of Chemtech	9744290	VIEW
14.	Ravichandra S," An Experimental Investigation of Steel Fibre Reinforced Concrete	Eshwarayya B L	Civil Engineering	International Journal of Trend in Research and Development	2394-9333	VIEW
15.	INVESTORS' PERCEPTION TOWARDS VARIOUS INVESTMENT AVENUES – A STUDY IN VIJAYAWADA CITY OF ANDHRA PRADESH	Dr.G.C.Venkataiah	MBA	International Journal of Research in Finance and Marketing	2231-5985	VIEW
16.	An affine view and illumination invariant iterative image matching approach for face recognition	Dr T Jaya Chandra Prasad	ECE	International Journal of Engineering & Technology	2227-524x	VIEW
17.	Reversible data hiding using secure force Algorithm	Dr T Jaya Chandra Prasad	ECE	Journal of advanced research in dynamical and control system	0975 - 8887	VIEW
18.	Parallel Filters Using Error Correction Codes in Modern Signal Processing Circuits	J.sofia Priya Dharshini	ECE	International Journal of Research	2348-6848	VIEW
19.	Design of Single Error Correction Codes with Fast Decoding of Control Bits	J.sofia Priya Dharshini	ECE	International Journal of Professional Engineering Studies	2454-7455	VIEW
20.	Single ended 9T subthreshold SRAM cell for low power applications using Dynamic feedback control	M.Vijaykanth, N.Nagaraju	ECE	International Journal of scientific reserch in computer	2456-3307	VIEW

				science,Engineering and Information Technology		
21.	FDTD algorithm to achieve absolute stability in performance analysis of SWCNT interconnects	Dr T Jaya Chandra Prasad	ECE	Journal of Computational Electronics	1572-8137	VIEW
22.	Improved Performance of Error Controlling Codes Using Pass Transistor Logic	Dr T Jaya Chandra Prasad	ECE	Circuits, Systems, and Signal Processing	1145-1161	VIEW
23.	Signal integrity analysis for coupled SWCNT interconnects using stable recursive algorithm	T Jaya Chandra Prasad	ECE	Microelectronics journal	0026-2692	VIEW
24.	Crosstalk Induced Performance Analysis of Single Wall Carbon Nanotube Interconnects Using Stable Finite-Difference Time-Domain Model	T Jaya Chandra Prasad	ECE	Journal of nanoelectronics and optoelectronics	1555-130X	VIEW
25.	Signal integrity analysis for coupled SWCNT interconnects using stable recursive algorithm	C.Venkataiah, K. Satyaprasad, T. Jayachandra Prasad	ECE	Microelectronics Journal (*Elsevier*)	0026-2692	VIEW
26.	Design and simulation of CNT based nano-transistor for greenhouse gas detection	C.V.S. Reddy, C.Venkataiah, V.R.Kumar, S.Maheswaram, N. Jains, S.D. Gupta S.K. Manhas	ECE	Journal of nanoelectronics and optoelectronics *American scientific publishers*)	2018 2133	VIEW
27.	Improved performance of error controlling codes using pass transistor logic	M.Chennakesavulu, T. Jayachandra Prasad, V.Sumalatha	ECE	Circuits Systems and Signal Processing, Springer	1145-1161	VIEW
28.	A 3.4 GHz FAST-LOCKING PLL USING TRANSMISSION GATE CHARGE-PUMP IN 0.18 µM CMOS FOR HDMI APPLICATIONS	Ningampalli Ramanjaneyulu, Satyanarayana Donti, Satya Prasad Kodati	ECE	Journal of Engineering and Applied Sciences	1819 6608	VIEW
29.	ECG Signal Enhancement through Subband Adaptive Soft Thresholding and EMD for Efficient Cardiac Arrhythmia Analysis	Gopisetty Ramesh, Donti Satyanarayana, Maruvada Sailaja	ECE	International Journal of Intellegnet Engineering and Systems	2185-3118	VIEW
30.	Diabetic retinopathy through retinal image analysis: A review	Y.Madhu Sudhana Reddy, Ernest Ravindran R.S, K.Hari Kishore	ECE	International Journal of Engineering &Technology(IJET)	0975-4024	VIEW
31.	SURAKSHA KAVACH-A Smart Helmet for coal miners using Zigbee technology	Mr.Shaik Abdul Rahim , A Sathish, S.V Ratan	ECE	IJMTE	2249-7455	VIEW
32.	Digital Education in Africa: A New Approach towards success for a better and Advanced future for adult and children	Harsha Mario Akano, Wahab Akano, B Ravi Babu	ECE	International Journal of Advance Research and Development	2455-4030	VIEW
33.	Photoluminescence of terbium doped oxyfluoro-titania-phosphate glasses for green light devices.	Dr T Jaya Chandra Prasad	ECE	Journal of Ceramics International	1873-3956	VIEW

34.	Modelling of CMS-based nonuniform interconnects using FDTD technique	V. Sulochana, V. Ramesh Kumar, K. S. Rao	ECE	*International Journal of Circuit Theory and Applications, Wiley*	1097-007x	VIEW
35.	A New Structure of Electrically Doped TFET for Improving Electronic Characteristics	Shivendra Yadav, Rahul Madhukar, Dheeraj Sharma, Mohd. Aslam, Deepak Soni, Neeraj Sharma	ECE	Applied Physics	0021-8979	VIEW
36.	An efficient Approach to Enhance DC and High Frequency Performance of Electrically doped TFET	Shivendra Yadav, Alemienla Lemtur, Dheeraj Sharma, Mohd. Aslam, Deepak Soni	ECE	Micro & Nano Letters	1750-0443	VIEW
37.	Data encoding techniques to improve the performance of system on chip	M.Chennakesavulu, T.Jayachandra Prasad, V.Sumalatha	ECE	Journal of King Saud University – Compute and Information Sciences, Elsevier,	2213-1248	VIEW
38.	Impact of Supply and Threshold Voltage Scaling on Performance of Cu and CNT Interconnects.	Dr T Jaya Chandra Prasad	ECE	International Journal of Pure and Applied Mathematics	1314-3395	VIEW
39.	Performance Analysis of Multiview Video Streaming: A Video Codec Phase	T.Manasa Veena, D. Satyanarayana MN GiriPrasad	ECE	Journal of Adv Research in Dynamical & Control Systems	1943-023X	VIEW
40.	Routing Architecture for Efficient Network On Chip Using Agent	Y. L. Ajay Kumar, D. Satyanarayana D. Vishnu Vardhan	ECE	Journal of Engineering and applied sciences	1816-949X	VIEW
41.	Measuring the Efficiency of Routing Architecture for DyNOC Using Novel Method.	Y. L. Ajay Kumar, D. Satyanarayana D. Vishnu Vardhan	ECE	International Journal of Pure and Applied Mathematics	1314-3395	VIEW
42.	Extensible On-Chip Interconnect Architecture and Routing Methodology for NOC	Y. L. Ajay Kumar, D. Satyanarayana D. Vishnu Vardhan	ECE	Indian Journal of Science and Technology	0974-5645	VIEW
43.	Efficient Routing Architecture for NOC using Novel Method	Y. L. Ajay Kumar, D. Satyanarayana D. Vishnu Vardhan	ECE	International Journal of Engineering and Technology	3777-3738	VIEW
44.	Impact of Supply and Threshold Voltage Scaling on Performance of Cu and CNT Interconnects	C.Venkataiah, K. Satyaprasad, T. Jayachandra Prasad	ECE	International Journal of Pure and Applied Mathematics	1314-3395	VIEW
45.	Spatial Mutual Relationship Based Retinal Image Contrast Enhancement for Efficient Diagnosis of Diabetic Retinopathy	Yarragudi Madhu Sudhana Reddy, Ramaswami Sachidanandan Ernest Ravindran	ECE	International Journal ofIntelligent Engineering & Systems,	2185310X , 21853118	VIEW

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46.	Effective Texture feature Model for Classification of Mammogram Images	K. Rajendra Prasad M Suleman Basha	CSE	ARPN Journal of Engineering and Applied Sciences	1819-6608	VIEW
47.	A novel under sampling strategy for software defect analysis of skewed distributed data	Nitalaksheswararao	CSE	Evolving systems, Springer	1868-6486	VIEW
48.	A Review on Effective Speech Clustering Method	M. Suleman Basha K. Rajendra Prasad	CSE	Fronteiras: Journal of Social Technological and Environmental Science	2238-8869	VIEW
49.	An Enhanced Security Technique For Image Processing In The Cloud	J.K.Gothwal Kunam Subba Reddy	CSE	Emerging trends in Engineering , Sciences & management	978-81-938463-4-6	VIEW
50.	An Experimental Study of Hybrid Lexicon based Context Aware Sentiment Analysis	K.E.Naresh	CSE	Emerging trends in Engineering , Sciences & management	978-81-938463-4-6	VIEW
51.	Aspect-Based Data Distribution Scenario Revisited in Distort Computing	P.Naveen Sundar Kumar	CSE	International journal of reviews on recent electronics and computer science	2321-5461	VIEW
52.	Cloud Environment: A Review on Dynamic Resource Allocation Schemes	P. Prathap Nayudu	CSE	International Journal of Applied Engineering Research	0973-4562	VIEW
53.	Cross Diagonal Circular and Elliptical Texture Matrix for efficient texture classification	K Subba Reddy	CSE	Journal of Research dynamical & Control systems	1943-023X	VIEW
54.	Design and Implementation of Cryptography System for Image, Audio and Video Files	M.Indrasena Reddy	CSE	Emerging trends in Engineering , Sciences & management	978-81-938463-4-6	VIEW
55.	Easy and Secure Smart SMS Protocol on M-Health Environment in Mobile Computing	B. Siva Kumar	CSE	Emerging trends in Engineering , Sciences & management	978-81-938463-4-6	VIEW
56.	Effective Texture Feature Model for Classification of Mammogram Images	K.Rajendra Prasad M Suleman Basha	CSE	Arpn Journal of Engineering and Applied Sciences	1819-6608	VIEW
57.	Filtering unwanted messages in OSN using Machine learning Text categorization Technique	G.Raja Sekhar Reddy N. Madhusudhana Reddy V. Uday Kumar	CSE	Emerging trends in Engineering , Sciences & management	978-81-938463-4-6	VIEW
58.	Fuzzy entropy based impulse noise detection and correction method for digital images	S Vijaya Kumar	CSE	International Journal of Image, Graphics and Signal Processing(IJIGSP)	2074-9082	VIEW
59.	Fuzzy Self Organizing Maps-based DDoS mitigation mechanism for Software Defined Networking in Cloud Computing	Harikrishna Pillutla	CSE	Journal of Ambient Intelligence and Humanized Computing	1868-5145	VIEW
60.	Image Encryption and Decryption Scheme using Shuffling and Reversing	J.K.Gothwal	CSE	Emerging trends in Engineering , Sciences & management	978-81-938463-4-6	VIEW
61.	Image Quality Measurements: A Review	M Suleman Basha G. Kishor Kumar	CSE	Advancements and Innovations in Engineering, Technology & Management (ICAIETM)	2347 – 8616	VIEW
62.	Intrusion Detection using an Ensemble of Support Vector Machines	G. Kishor Kumar R.Raja Kumar M Suleman Basha	CSE	Emerging trends in Engineering , Sciences & management	978-81-938463-4-6	VIEW

63.	Investigation and Characterization of MapReduce applications for Big Data Analytics	Ram Chakka	CSE	Journal of Scientific & Industrial Research	0975-1084	VIEW
64.	Issues with Nearest Neighbor Classification	Dr. R.Raja Kumar G. Kishor Kumar	CSE	Emerging trends in Engineering , Sciences & management	978-81-938463-4-6	VIEW
65.	Minimum connected dominating set based RSU allocation for smart Cloud vehicles in VANET	B. Sivakumar	CSE	Cluster computing journal	12795-12804	VIEW
66.	Need for Hybrid Lexicon Based Context aware sentiment analysis for handling uncertainty-An experimental study	K E Naresh Kumar	CSE	Emerging trends in electrical communications	1876-1119	VIEW
67.	Optimizing the code coverage by controlling environmental dependencies in unit testing	V. Ravikanth	CSE	i-manager's Journal on Software Engineering	0973-5151	VIEW
68.	Parallel Approach of Visualized Clusterung Approach (VCA) for Effective Bid Data Partitioning" Jour of Adv Research in Dynamical & Control Systems	K.Rajendra Prasad	CSE	Jour of Adv Research in Dynamical & Control Systems	1943-023X	VIEW
69.	Prioritized Rank Based Technique for Resource Allocation in Cloud Computing	N.Madhusudhana Reddy	CSE	Emerging trends in Engineering , Sciences & management	978-81-938463-4-6	VIEW
70.	Resilient Architecture for Cloud Systems with Stateful Distributed Applications	P.Prathap Naidu	CSE	Emerging trends in Engineering , Sciences & management	978-81-938463-4-6	VIEW
71.	Social Data Analytics by Visualized Clustering Approach for Health Care	K. Rajendra Prasad	CSE	Advances in Intelligent Systems and Computing, Springer	2194-5365	VIEW
72.	T2FCS Filter: Type 2 Fuzzy and Cuckoo Search-Based Filter Design for Image Restoration"	S Vijaya Kumar	CSE	Journal of Visual Communication and Image Representation	1047-3203	VIEW
73.	Texture Classification based on First Order Circular and Elliptical Ternary Direction Pattern Matrix	K. Subba Reddy V. Vijaya Kumar	CSE	International Journal of Engineering & Technology	2227-524X	VIEW
74.	Unsupervised Learning of XML Documents by Visualized Clustering Approach (VCA	K.Rajendra Prasad	CSE	Arpn Journal of Engineering and Applied Sciences	1819-6608	VIEW
75.	Weighted inertia-based dynamic virtual bat algorithm to detect NLOS nodes for reliable for reliable data dissemination in VANETs	Dr. R. Kaviarasan	CSE	Journal of Ambient intelligence and humanized computing	1868-5145	VIEW
76.	A Survey on Test Case Generation Techniques used in Automatic Unit Testing Tool	P.Dastagiri Reddy P.Jacob Vijaya Kumar	CSE	Emerging trends in Engineering , Sciences & management	978-81-938463-4-6	VIEW
77.	Impact of feature selection techniques in Text Classification: An Experimental study	J.J.C.Prasad Yadav S. Rahamat Basha	CSE	Emerging trends in Engineering , Sciences & management	978-81-938463-4-6	VIEW
78.	Online Real-Time Faculty and Staff Information and Management System for an Institution (ORT-FIST)	Dr.Nand Kumar	CSE	Emerging trends in Engineering , Sciences & management	978-81-938463-4-6	VIEW
79.	To Increase Network Lifetime using Cluster-Based Collection Point Scheme in WSN	M.N.Praneswara Rao C.HrishiKesava Reddy	CSE	Emerging trends in Engineering , Sciences & management	978-81-938463-4-6	VIEW
80.	Experimental Study of Seven Level Magnetic Coupled Impedance Source Inverter	J N Reddy, D Lenine, M V Kumar	EEE	Journal of Scientific & Industrial Research	0022-4456	VIEW

81.	Sensorless Control of IPMSM Drive using EKF with Electromegnetic Noise Effect	D V Ashok Kumar, M Vijaya Kumar, K Narasimhaiah Achari	EEE	International Journal of Power Electronics and Drive System (IJPEDS)	2088-8694	VIEW
82.	Control of Single Stage Grid Tied Photovoltaic Inverter Using Incremental Conductance Method	V. Nagabhaskar Reddy, M. Vijaya Kumar, K. Rajasekhara Reddy	EEE	International Journal of Power Electronics and Drive Systems (IJPEDS)	2088-8694	VIEW
83.	Integration of Reversing Voltage Multilevel Inverter Topology with High Voltage Gain Boost Converter for Distributed Generation	D. V. Ashok Kumar, S. Nagaraja Rao, Ch. Sai Babu	EEE	International Journal of Power Electronics and Drive Systems (IJPEDS)	2088-8694	VIEW
84.	Implementation of Cascaded based Reversing Voltage Multilevel Inverter using Multi Carrier Modulation Strategies	D. V. Ashok Kumar, S. Nagaraja Rao, Ch. Sai Babu	EEE	International Journal of Power Electronics and Drive Systems (IJPEDS)	2088-8694	VIEW
85.	FPGA Implementation of a Three-Level Boost Converter-fed Seven-Level DC-Link Cascade H-Bridge inverter for Photovoltaic Applications	Ashok Kumar Devarasetty Venkata, Nagaraja Rao Sulake, Sai Babu Choppavarapu	EEE	MDPI	2079-9292	VIEW
86.	Analysis and implementation of impedance source based Switched Capacitor Multi-Level Inverter	Ashok Kumar Devarasetty Venkata, Manjunatha Budagavi Matam, Vijaya Kumar Mallapu	EEE	Engineering Science and Technology, an International Journal (JESTECH)	2215-0986	VIEW
87.	Evaluation of Impedance network Based 7-Level Switched Capacitor Multi Level Inverter for Single Phase Grid Integrated System	Manjunatha Budagavi Matam, Ashok Kumar Devarasetty Venkata, Vijaya Kumar Mallapu	EEE	Journal of the Institutions of Engineers	2250-2106	VIEW
88.	New Generalized SVPWM Algorithm for Multilevel Inverters	A. Suresh Kumar, K. Sri Gowri, M. Vijay Kumar	EEE	Journal of Power Electronics	1598-2092	VIEW
89.	Effect Of Magnetic Field And Radiation On MHD Heat And Mass Transfer Of Micropolar Fluid Over Stretching Sheet With Soret And Dufour Effects	S.R. Ravichandra Babu, S.Venkateswarlu, K. Jaya Lakshmi	Mathematics	International Journal of Applied Engineering Research	0973-4562	VIEW
90.	Effect of Variable Viscosity and Thermal Conductivity on Heat and Mass Transfer Flow of Nanofluid over a Vertical Cone with Chemical Reaction	S.R.Ravichandra Babu, S.Venkateswarlu, K. Jaya Lakshmi	Mathematics	International Journal of Applied Engineering Research	0973-4562	VIEW
91.	Hall effects on MHD flow of second grade fluid through porous medium with oscillatory suction	B.Lakshmanna S. Venkateswarlu	Mathematics	International journal of applied engineering research	0973-4562	VIEW
92.	Heat Transfer on MHD Rotating non-Newtonian Fluid Flow through Parallel Plate Porous Channel	B.Lakshmanna S.Venkateswarlu,	Mathematics	International Journal of Applied Engineering Research	0973-4562	VIEW
93.	Heat and mass transfer on MHD flow of Non-Newtonian fluid over an infinite vertical porous plate with Hall effects	D.Dastagiri Babu, S.Venkateswarlu, E.Keshava Reddy	Mathematics	International Journal of Pure and Applied Mathematics	1311-8080	VIEW
94.	Heat and Mass transfer Characteristics of Nanofluid over Horizontal circular cylinder	P. Sudarsana Reddy, Ali J. Chamkha	Mathematics	Ain Shams Engineering Journal	2090 – 4479	VIEW

95.	Heat and Mass Transfer boundary layer flow over a Vertical Cone through Porous Media filled with Cu – Water and Ag – Water Nanofluid	P. Sudarsana Reddy, P. Sreedevi, Ali J. Chamkha, Ali F. Al-mudhaf	Mathematics	Heat Transfer Research	1064-2285	VIEW
96.	Heat and Mass Transfer Characteristics of MHD three-dimensional flow over a Stretching Sheet filled with water - based Alumina nanofluid	P. Sudarsana Reddy, P. Sreedevi, A. J. Chamkha	Mathematics	International Journal of Numerical Methods for Heat and Fluid Flow	0961 - 5539	VIEW
97.	MHD convective flow of SWCNTs-water and MWCNTs-water nanofluid over a vertical cone with thermal radiation and chemical reaction	P. Sudarsana Reddy, P. Sreedevi, A. J. Chamkha,	Mathematics	Journal of Porous Media	1091 – 028X	VIEW
98.	Magneto-hydrodynamics heat and mass transfer analysis of single and multi - wall carbon nanotubes over vertical cone with convective boundary condition	P. Sreedevi, P. Sudarsana Reddy A. J. Chamkha	Mathematics	International journal of Mechanical sciences	0020 – 7403	VIEW
99.	MHD boundary layer heat and mass transfer characteristics of nanofluid over a vertical cone under convective boundary condition	P. Sudarsana Reddy P. Sreedevi A. J. Chamkha	Mathematics	Propulsion and Power Research	2212-540X	VIEW
100.	Unsteady boundary layer heat and mass transfer flow of nanofluid over porous stretching sheet with non-uniform heat generation/absorption and double stratification	Y. Raja obula Reddy M. Suryanarayana Reddy P. Sudarsana Reddy	Mathematics	Journal of Porous Media	1091 – 028X	VIEW
101.	Influence of Magnetic field and Thermal radiation on convective flow of SWCNTs-water and MWCNTs-water nanofluid between rotating stretchable disks with convective boundary conditions	K. Jyothi, P. Sudarsana Reddy, M. Suryanarayana Reddy	Mathematics	Powder Technology	0032-5910	VIEW
102.	Heat and mass transfer enhancement of SWCNTs and MWCNTs based Maxwell nanofluid flow over a vertical cone with slip effects	B. Prabhavathi, P. Sudarsana Reddy, R. Bhuvana Vijaya	Mathematics	Powder Technology	0032-5910	VIEW
103.	Flow and Heat transfer analysis of carbon nanotubes based Maxwell nanofluid flow driven by rotating stretchable disks with thermal radiation	P. Sudarsana Reddy, K. Jyothi, M. Suryanarayana Reddy	Mathematics	Journal of the Brazilian Society of Mechanical Sciences and Engineering	1678-5878	VIEW
104.	Heat and Mass Transfer boundary layer flow over a Vertical Cone through Porous Media filled with Cu – Water and Ag – Water Nanofluid	P. Sudarsana Reddy, P. Sreedevi, Ali J. Chamkha, Ali F. Al-mudhaf	Mathematics	Heat Transfer Research	1064-2285	VIEW
105.	Heat and Mass Transfer Characteristics of MHD three-dimensional flow over a Stretching Sheet filled with water - based Alumina nanofluid	P. Sudarsana Reddy, P. Sreedevi, A. J. Chamkha	Mathematics	International Journal of Numerical Methods for Heat and Fluid Flow	0961 - 5539	VIEW
106.	MHD convective flow of SWCNTs-water and MWCNTs-water nanofluid over a vertical cone with thermal radiation and chemical reaction.	P. Sudarsana Reddy, P. Sreedevi, A. J. Chamkha	Mathematics	Journal of Porous Media	1091 – 028X	VIEW

107.	Magneto-hydrodynamics heat and mass transfer analysis of single and multi - wall carbon nanotubes over vertical cone with convective boundary condition	P. Sreedevi, P. Sudarsana Reddy A. J. Chamkha	Mathematics	International journal of Mechanical sciences	0020 – 7403	VIEW
108.	MHD boundary layer heat and mass transfer characteristics of nanofluid over a vertical cone under convective boundary condition	P. Sudarsana Reddy, P. Sreedevi A. J. Chamkha	Mathematics	Propulsion and Power Research	2212-540X	VIEW
109.	thermal diffusion and radiation effect on unsteady magnetohydrodynamic free convection flow past an impulsively moving plate with ramped wall temperature and ramped wall concentration	R. Chandra Sekhar Reddy, M.C. Raju, K. Jayarami Reddy M. S. N. Reddy	Mathematics	Special Topics & Reviews in Porous Media	2151-4798	VIEW
110.	Heat and mass transfer on MHD flow of Non-Newtonian fluid over an infinite vertical porous plate with Hall effects	D.Dastagiri Babu, Dr S. Venkateswarlu Dr E. Keshava Reddy	Mathematics	International Journal of Pure and Applied Mathematics	1311-8080	VIEW
111.	Unsteady boundary layer heat and mass transfer flow of nanofluid over porous stretching sheet with non-uniform heat generation/absorption and double stratification	Y. Raja obula Reddy, M. Suryanarayana Reddy, P. Sudarsana Reddy	Mathematics	Journal of Porous Media	1091 – 028X	VIEW
112.	Influence of Magnetic field and Thermal radiation on convective flow of SWCNTs-water and MWCNTs-water nanofluid between rotating stretchable disks with convective boundary conditions	K. Jyothi, P. Sudarsana Reddy, M. Suryanarayana Reddy	Mathematics	Powder Technology	0032-5910	VIEW
113.	Flow and Heat transfer analysis of carbon nanotubes based Maxwell nanofluid flow driven by rotating stretchable disks with thermal radiation	P. Sudarsana Reddy, K. Jyothi, M. Suryanarayana Reddy	Mathematics	Journal of the Brazilian Society of Mechanical Sciences and Engineering	1678-5878	VIEW
114.	Numerical investigation of performance, combustion and emission characteristics of various biofuels	Dr. Upendra Rajak	Mechanical Engineering	Energy Conversion and Management	0196-8904	VIEW
115.	Effect of emission from ethylic biodiesel of edible and non-edible vegetable oil, animal fats, waste oil and alcohol in CI engine	Dr. Upendra Rajak	Mechanical Engineering	Energy Conversion and Management	0196-8904	VIEW
116.	Spirulina microalgae biodiesel e A novel renewable alternative energy source for compression ignition engine	Dr. Upendra Rajak	Mechanical Engineering	Journal of Cleaner Production	0959-6526	VIEW
117.	Effect of non-uniform heat source/sink on MHD boundary layer flow and melting heat transfer of Williamson nano fluid in porous medium	Dr. Abhishek Dasore	Mechanical Engineering	Multidiscipline Modeling in Materials and Structures	1573-6105	VIEW
118.	Static and Dynamic Analysis of Non-Circular Bearings Opening with Non-Newtonian Fluids: A Comprehensive Review	Dr. K. T. Reddy	Mechanical Engineering	International Journal of Applied Engineering Research	0973-4562	VIEW

119.	Experimental investigations on 4-stroke single cylinder diesel engine (CI) with changing geometry of piston	Dr. K. T. Reddy	Mechanical Engineering	International Journal of Mechanical Engineering and Technology	0976-6340	VIEW
120.	Application of Soft Skills to Development Employability among Engineering Students through Andhra Pradesh Higher Education English Communication Skills Project (APHEECSP)	A.K.Gopi Krishna Dr. Y. Suneetha	English	International Journal, Journal of Emerging Technology and Innovative Research	2349-5162	VIEW
121.	E-Learning – A global Learning concept Outside of the Class room for Professional Development	A.K. Gopi Krishna	English	International Journal of Engineering Science Invention	2321-7065	VIEW
122.	Conflict Analysis and Cultural Disharmony in Margayya's Lofty Naute from RK Narayana;s Expert	Dr. Y. Suneetha	English	International Journal of English Language Literature in Humanities	2321-7065	VIEW
123.	Intense yellow luminescence from Dy^{3+} -doped TeO_2-WO_3-GeO_2 glasses: Structural and optical characterization	Dr. B.C. Jamalaiah	Physics	Journal of Physics: Condensed Matter	0953-8984	VIEW
124.	GeO_2 activated tellurite tungstate glass: a new candidate for solid state lasers and fiber devices	Dr. B.C. Jamalaiah	Physics	Journal of Non-Crystalline Solids	0022-3093	VIEW
125.	Photoluminescence of dysprosium doped antimony-magnesium-strontium-oxyfluoroborate glasses	S. Farooq , Y. Munikrishna Reddy, R. Padmasuvarna, Venkata Krishnaiah Kummara, C.S. Dwaraka Viswanath, Sk. Mahamuda	Physics	Ceramics International	0272-8842	VIEW
126.	Investigation of spectroscopic properties of Sm3+-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
127.	Photoluminescence of terbium doped oxyfluoro-titania-phosphate glasses for green light devices	G. Neelima, Venkata Krishnaiah Kummara, C.S.Dwaraka Viswanath, K. Tyagarajan, N. Ravi, T. Jayachandra Prasad	Physics	Ceramics International	0272-8842	VIEW
128.	Thermophysical properties of 1-butyl-3-methylimidazolium bis (trifluoromethylsulfonyl) imide with 2-ethoxyethanol from T = (298.15 to 323.15) K at atmospheric pressure	G. Prasad, K. Muralidhar Reddy, R. Padamasuvarna, T. Madhu Mohan, T. Vijaya Krishna,	Physics	Journal of Molecular Liquids	0167-7322	VIEW

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129.	Investigations of Molecular Interactions in the Binary Mixtures of 1-Butyl-3-methylimidazolium bis(Trifluoromethanesulfonyl) Amide and 2-Propoxyethanol from T = (298.15 to 323.15) K at Atmospheric Pressure	G. Prasad, K. Muralidhar Reddy, R. Padamasuvarna, T. Madhu Mohan, T. Vijaya Krishna S. Govardhana Rao	Physics	Journal of Solution Chemistry	0095-9782	VIEW
130.	Photonic Properties of Novel Yb3+ Doped Germanium-Lead Oxyfluoride Glass-Ceramics for Laser Cooling Applications,	Lauro J. Q. Maia, Jyothis Thomas, Yannick Ledemi, Kummara V. Krishnaiah, Denis Seletskiy, Younès Messaddeq Raman Kashyap	Physics	Frontiers of Optoelectronics	2095-2767	VIEW
131.	Luminescence properties of europium doped oxyfluorosilicate glasses for visible light devices,	C.S. Dwaraka Viswanath, K. Venkata Krishnaiah, C.K. Jayasankar	Physics	Optical Materials	0925-3467	VIEW