

**LIST OF JOURNAL PUBLICATIONS HUMANITIES & SCIENCE**

YEAR	2012	2013	2014	2015	2016	2017	2018
<b>TOTAL (174)</b>	13	24	34	46	31	21	12

S.No	Title of the Paper	Name of the Author(s)	Name of the journal	Year of the publication	ISBN/ISSN No.
1.	Spectrophotometric determination of Cobalt in Water and Agricultural samples”, Journal of Applicable Chemistry	Saraswathi, K. and Madhavi, K.	Journal of Applicable Chemistry	2012	2278-1862
2.	Steady Flow of a Slightly Thermo-Viscous Fluid in a Porous Slab Bounded Between two Fixed Porous Parallel Plates.	<i>N. Pothanna, N. Ch. PattabhiRamaCharyulu, P. Nageswararao</i>	International Journal of Mathematical Archive	2012	ISSN: 2229-5046
3.	Slow Steady Motion of a Thermo-Viscous Fluid in a Porous Slab Bounded Between two Impermeable Parallel Plates.	<i>N. Pothanna, N. Ch. PattabhiRamaCharyulu, P. Nageswararao</i>	Advances in Applied Science Research	2012	ISSN: 0976-8610
4.	Unsteady Flow of a Thermo-Viscous Fluid in a Porous Slab over a Flat Plate of Finite Depth with Fluctuating Bottom.	<i>N. Pothanna, N. Ch. PattabhiRamaCharyulu, P. Nageswararao</i>	Advances in Computational Mathematics and its Applications	2012	ISSN:2167-6356
5.	“Influence of valance states and co-ordination of cobalt ions on dielectric properties of PbO–Bi2O3–As2O3: CoO glass system”	N. Srinivasa Rao, <b>L. Srinivasa Rao</b> , Ch. Srinivasa Rao , B.V. Raghavaiah, V. Ravi Kumar, N. Veeraiah	Physica B: Condensed Matter,	2012	0921-4526
6.	Cyclopalladated complexes with 9-anthraldehyde aroylhydrazones: Synthesis, properties and structures	A.R. Balavardhana Rao, Samudranil Pal*	Journal of Organometallic Chemistry	2012	ISSN: 0022-328X
7.	Fractal Dimension Based Texture Analysis of Digital Images”,	P.Shanmugavadi and V.Sivakumar	Procedia Engineering	2012	1877-7058
8.	Stability Analysis of Discrete-Time Bidirectional Associative Neural networks with Hysteresis’	G.Padmavathi, P.V. Siva Kumar	International Journal of Artificial Intelligent Systems and Machine Learning, CIIT	2012	Print: ISSN 0974 – 9667 & Online: ISSN 0974 – 9543
9.	Design and synthesis of novel cytotoxic agents based on combined framework of quinoline and nimesulide	N.Mamatha et al.	Journal of heterocyclic chemistry	2012	1943-5193
10.	Palladium-mediated cyclization of 8-allyl-7-hydroxy-2-styrylchromones towards the synthesis of 7,8-furano-2-styrylchromones	C.Jyotsna	Journal on Indian Chemical	2012	

			Society		
11.	Advances in nano composites doped with carbon nanotubes and nanoferrites	Rajani.I	Advanced materials manufacturing and characterization	2012	
12.	Slow steady motion of a second order thermo-viscous fluid between two parallel plates when there is no temperature gradient	J.Srinivas	IJMA	2012	2229-5046
13.	Thermochemical investigations and vibrational spectroscopic studies of 1,-4Benzodiazepines using AB INITIO and DFT methods	Arun Balaji	International journal of engineering	2012	1584-2673
14.	Synthesis And Biological Evaluation Of Novel 5-Methyl-1, 4- Disubstituted 1H-1, 2, 3-Triazole Derivatives	T.Lakshmi viveka,Pavani	(IOSR-JAC)	2013	ISSN: 2278-5736.
15.	Spectrophotometric Method for the determination of Manganese(II) in Soil and Plant Materials using Morpholine Dithiocarbamate	Madhavi, K. and Saraswathi, K.	International Journal of Engineering Research & Technology	2013	ISSN 2278-0181
16.	Photoluminescence studies on Li2O-MO (Nb2O5, MoO3 and WO3)-B2O3: Nd3+ glass systems	<b>L. Srinivasa Rao</b>	International J. Luminescence and its applications	2013	ISSN 2277 – 6362
17.	A Mini Review on Minimization of Hazardous Compounds in the Pharmaceutical waste	P.Padmavathi,J yotsnaCherukuri	Chemical Science Revie H&S w Letters,	2013	2278-1862
18.	Experimental and theoretical investigations of spectroscopic properties of 8-chloro-1-methyl-6-phenyl-4H-[1,2,4]triazolo[4,3-a][1,4]benzodiazepine	Muthu, S.,Prasath, M., Arun Balaji, R.	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	2013	1386-1425
19.	Vibrational spectroscopy investigation using ab initio and DFT vibrational analysis of 7-chloro-2-methylamino-5-phenyl-3H-1, 4-benzodiazepine-4-oxide Prasath	, M.,Muthu, S., Balaji, R.A.	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	2013	1386-1425
20.	Air Pollution Tolerance Index in certain plants in the vicinity of a Thermal power station –A case study	P.Padmavathi,J yotsnaCherukuri	International Journal of Engineering Research & Technology,	2013	ISSN: 2278-0181.
21.	Global exponential stability result for complex valued hysteretic Neuron Model	G.Padmavathi, P.V.Sivakumar, Shahnaz Bathul	International Journal of Machine Intelligence and Sensory Signal Processing, Inderscience.	2013	ISSN online: 2048-917X ISSN print: 2048-9161

22.	Input-Output Stability of Neural Network with Hysteresis	G.Padmavathi, J.Neelima, P.V.SivaKumar and G.V.Deepika	International Journal of Computer Information Systems and Industrial Management Applications, MIRLABs.	2013	ISSN 2150-7988
23.	Tensor pairs of Langbeinite family of crystals.	G.Sireesha, Prof.S.Uma Devi	Bulletin of Pure & Applied sciences	2013	ISSN: 2320-3226
24.	Tensor components and indices of faintness for magneto electric ferroic species.	G.Sireesha, Prof.S.Uma Devi	IOSR Journal of Applied Physics (IOSR-JAP)	2013	ISSN: 2278-4861
25.	Quadrupole arrangements in ironoxy borate.	G.Sireesha, Prof.S.Uma Devi	International Journal of Pure and Applied Physics	2013	ISSN:0973-1776
26.	Domain pairs of the ferroic species of Langbeinite family of Crystals	G.Sireesha, Prof.S.Uma Devi	International Journal of Current Research and Review	2013	ISSN:2231-2196
27.	Slow Steady Motion of a Second Order Thermo-Viscous Fluid between Two Parallel Plates When Non Liner Terms in the Energy Equation are Neglected	Srinivas Joshi, P. Nageswara Rao and N. Ch. Pattabhi Ramacharyulu	<i>Int. J. Pure Appl. Sci. Technol</i>	2013	ISSN: 2229-6107
28.	Slow Steady Motion of a Thermo-Viscous Fluid Between two Parallel Plates with Constant Pressure and Temperature Gradients.	J.Srinivas, N. Pothanna, N. Ch. PattabhiRamac haryulu, P. Nageswararao	International Journal of Research In Enginee H&S ring and Technology	Nov,2013	<b>ISSN: 2321-7308</b>
29.	steady motion of a thermo-viscous fluid between two parallel porous plates in relative motion	Joshi, Srinivas; Nageswararao, P.; Ramachyaru, Pattabhi	International e- Journal of Engineering Mathematics: Theory and Application	2013	ISSN 1687-6156
30.	“AC conduction phenomenon of Li <sub>2</sub> O–WO <sub>3</sub> –B <sub>2</sub> O <sub>3</sub> glass system doped with V <sub>2</sub> O <sub>5</sub> ”	<b>L. Srinivasa Rao,</b> N. Veeraiah, T. Venkatappa Rao	Functional Materials Letters	2013	Print: 1793-6047 Online: 1793-7213
31.	Photoluminescence studies on Li <sub>2</sub> O-MO (Nb <sub>2</sub> O <sub>5</sub> , MoO <sub>3</sub> and WO <sub>3</sub> )-B <sub>2</sub> O <sub>3</sub> : Nd <sup>3+</sup> glass systems	<b>L. Srinivasa Rao</b>	International J. Luminescence and its applications	2013	ISSN 2277 – 6362

32.	Regioselective cyclometallation of 4-R-1-naphthaldehyde benzoylhydrazone: Palladium(II) complexes with CNO pincer like ligands	A.R. Balavardhana Rao, Samudranil Pal*	Journal of Organometallic Chemistry	2013	ISSN: 0022-328X
33.	Showcasing Indian Tradition in Indian English: An Overview of R. K. Narayan's Choice of Words	Dr.V.Vijaya Vani	International Journal of English: Literature, Language & Skills	2013	2278-0742,
34.	Multi-Level Secret Sharing Scheme for Mobile Ad-Hoc Networks	P.V. Siva Kumar, Rajasekhar Rao Kurra, Appala Naidu Tentu and G.Padmavathi	International Journal on Advanced Networking and Applications	2013	ISSN:0975-0282
35.	MHD convective heat transfer of a nano fluid flow past an inclined permeable plate with heat source and radiation	GVPN Srikanth, G.Srinivas,	International Journal of Physics and Mathematical Sciences,	2013	2277-2111
36.	RADIATION AND INCLITATION EFFECTS OF CONVECTIVE HEAT AND MASS TRANSFER OF A MHD NANO FLUID FLOW PAST A PERMEABLE FLAT PLATE	.GVPN Srikanth, G.Srinivas,	International Journal of Futuristic Science Engineering and Technology, Vol 1 Issue 4 April 2013	2013	2320 - 4486
37.	Nil Durpan: A Social Semiotic Approach	D.Sudha Rani et al.	Research Scholar-an international refereed –e-journal of literary Explosions	2013	ISSN-2320-6101
38.	Study of Liquid-Crystalline Behaviour of Aliphatic-Aromatic Polyamides Derived from Castor Oil Based Dimer Acid by DSC	Kanchan Khare, Shuchi Tiwari, K.V.Reddy, Anjali Bajpai, V. Nagaraju	Indian Journal of Advances in Chemical Science	2013	2320-0898 (Print); 2320-0928 (Electronic)
39.	Estimation of Selenium(IV) In Human Hair, Nails, Blood samples and Wheat and Jaggery samples Using Morpholine Dithiocarbamate	Madhavi, K. and Saraswathi, K	Chemical Science Reviews and Letters	2014	ISSN 2278-6783
40.	Spectrophotometric Method for the Detection of Tin (II) in Synthetic Mixtures Using Morpholine Dithiocarbamate	Madhavi, K. and Saraswathi, K	International Journal of Emerging Engineering Research & Technology	2014	2349-4395

41.	FT-IR, FT-Raman spectra and ab initio HF and DFT calculations of 7-chloro-5-(2-chlorophenyl)-3-hydroxy-2,3-dihydro-1H-1,4-benzodiazepin-2-one	Muthu, S.,Prasath, M., Isac Paulraj, E., Arun Balaji, R.	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	2014	1386-1425
42.	Conventional to Cutting Edge Technologies in Drinking Water Purification - A Review	K.Padmaja1, Jyotsna Cherukuri	International Journal of Innovative Research in Science ,Engineering and Technology	2014	ISSN: 2319-8753
43.	Wavelet Transformation-Based Detection of Masses in Digital Mammograms	P.Shanmugavadiu, V.Sivakumar , J.Suhanya	International Journal of Research in Engineering and Technology	2014	eISSN: 2319-1163, pISSN: 2321-7308
44.	<b>Intensity-Based Detection of Microcalcification Clusters in Digital Mammograms using Fractal Dimension</b>	P.Shanmugavadiu, V.Sivakumar , J.Suhanya	Advances in Intelligent Systems and Computing	2014	ISSN No: 2194-5357
45.	Investigation of stress coping strategies in software professionals	B. Prathyusha, Dr.Ch. S. Durgaprasad, Dr.P.Sudhir Reddy	Stress management professional an international journal, vol.2, july- dec 2014	2014	ISSN:2347-9124
46.	Role of formative assessment in teaching speaking	S.Kanchana, Prativa Rani saha	The Journal of English Language teaching	2014	ISSN 0973-5208
47.	Regioselective cyclometallation with some platinum group metal ions	A.R. Balavardhana Rao, Samudranil Pal*	Journal of Organometallic Chemistry	2014	ISSN: 0022-328X
48.	Synthesis and biological evaluation of novel 3,5-di substituted 4H-1,2,4-Triazoles	T.Lakshmi viveka, L.N.Sharada	(IOSR-JAC)	2014	e-ISSN: 2278-5736.
49.	HEAT SOURCE EFFECTS IN HEAT AND MASS TRANSFER OF NANO FLUID FLOW PAST A SHEET	GVPN Srikanth, G.Srinivas,	International Journal of Modern Engineering Research,	2014	2249-6645
50.	EFFECT OF PARTICLE SIZE AND CHEMICAL REACTION ON CONVECTIVE HEAT AND MASS TRANSFER OF A MHD NANO FLUID IN A CYLINDRICAL ANNULUS	GVPN Srikanth, G.Srinivas,	International Journal of Mechanical Engineering and Technology, Volume 5, Issue 2, February (2014), Pp.26-35	2014	0976 – 6359
51.	HEAT AND MASS TRANSFER OF A MHD NANO FLUID WITH CHEMICAL REACTION EFFECTS	GVPN Srikanth, G.Srinivas,	International Journal of Mechanical and Production Engineering, Volume- 2, Issue- 3, March-2014, Pp.1- 6	2014	2320-2092

52.	HEAT AND MASS TRANSFER OF A NANO FLUID PAST A PERMIABLE INCLINED FLAT PLATE WITH RADIATION EFFECT	GVPN Srikanth, G.Srinivas,	Recent Innovation in Mechanical Engineering,	2014	8303-8138
53.	FINITE ELEMENT ANALYSIS OF CONVECTIVE MICRO POLAR FLUID FLOW THROUGH A POROUS MEDIUM IN CYLINDRICAL ANNULUS	GVPN Srikanth, G.Srinivas,	International Journal of Modern Engineering Research,	2014	2249-6645
54.	HYDROMAGNETIC MIXED CONVECTION MICRO POLAR FLOW DRIVEN BY A POROUS STRETCHING SHEET – A FINITE ELEMENT STUDY	GVPN Srikanth, G.Srinivas,	International Journal of Mechanical Engineering and Technology,	2014	0976 – 6359
55.	RADIATION EFFECTS ON HEAT AND MASS TRANSFER OF A MHD NANO FLUID	GVPN Srikanth, G.Srinivas,	International Journal of Research in Engineering and Technology,	2014	2321-7308
56.	CHEMICAL REACTION AND PARTICLE SIZE EFFECTS ON CONVECTIVE HEAT AND MASS TRANSFER THROUGH A NANO FLUID	GVPN Srikanth, G.Srinivas,	International Journal of Science and Research,	2014	2319-7064
57.	EFFECT OF PARTICLE SIZE ON CONVECTIVE HEAT TRANSFER IN FLAT PLATE THROUGH NANO FLUID	GVPN Srikanth, G.Srinivas,	International Journal for Scientific Research & Development,	2014	2321-0613
58.	Effect of Particle Size on Convective Heat Transfer in Cylindrical Annulus through Nano Fluid	GVPN Srikanth, G.Srinivas,	International Journal of Ethics in Engineering & Management Education,	2014	<b>2348-4748</b>
59.	HEAT AND MASS TRANSFER THROUGH A POROUS MEDIUM IN A VERTICAL CHANNEL WITH CHEMICAL REACTION AND HEAT SOURCE	GVPN Srikanth, G.Srinivas,	International Journal of Ethics in Engineering & Management Education,	2014	<b>2348-4748</b>
60.	CHARACTERIZATION OF CHEMICAL REACTION ON HEAT AND MASS TRANSFER THROUGH THE NANO FLUID	GVPN Srikanth, G.Srinivas	Quest International Multidisciplinary Research Journal,	2014	2278 -4497
61.	Biodegradable nano-hydrogels in agricultural farming-alternative source for water resources	N.Mamatha et al.	Procedia materials science	2014	2211-8128
62.	Simultaneous analysis of linagliptin and metformin in pure and pharmaceutical solid dosage form using rp-hplc method	N.Mamatha et al.	Global academic research journal	2014	2347-3592
63.	Effect of particle size on convective heat transfer in cylindrical annulus through nano fluid	N.Mamatha et al.	International journal of ethics in engineering & management education,	2014	2348-4748
64.	Effect of particle size on convective heat transfer in flat plate through nano fluid	N.Mamatha et al.	International journal for scientific research and development,	2014	2321-0613

65.	“Social Memory Strategies of Madigas in Andhra Pradesh; A Study of Adijambavapuram”	D.Sudha Rani et al.	Muse India, a literary E-journal.(international)	2014	ISSN:0975-1815,
66.	“Social Memory Strategies of Madigas in Andhra Pradesh; A Study of Adijambavapuram”	D.Sudha Rani et al.	Mahananda, Saroj Kumar. Ed. <i>Dalit Literature &amp; Historiography</i> . New Delhi: Pragati Publications,	2014	2014. ISBN: 9788173071492
67.	“Cultural Memory Transmission among Madigas : A Study of Adijambava Mahapuram”	D.Sudha Rani et al.	SAARC Culture-an international peer reviewed annual journal	2014	ISSN no-2012-922
68.	Decarboxylative aromatization of Beta carbolines by using metal free catalysis and efficient synthesis of beta-carboline derivatives	Jyotsna Cherukuri	Asian journal of chemistry	2014	4701-4702
69.	Finite element analysis of soret and radiation effects on transient MHD free convection from an impulsively started infinite vertical plate with heat absorption	Jithender reddy	IJMA	2014	2229-5046
70.	Flouride removal from aqueous solution using industrial grade Alum	Jyotsna Cherukuri	International journal of scientific research	2014	2277-8179
71.	Effective removal of fluoride from ground water using electrocoagulation	Jyotsna Cherukuri	IJERA	2014	2248-9622
72.	Linerarization of thermo-viscous fluid in a porous slab bounded between two fixed thermable horizontal parallel plates in the absence of thermo mechanical interaction coefficient	N.Pothanna	IJMTER	2014	2349-9745
73.	Lefloxacin: formulation and in-vitro evaluation of alginate and chitosan nanospheres	A.Balaji	Egyptian pharmaceutical journal	2014	1687-4315
74.	NANO-PARTICLE SIZE AND INTER PARTICLE SPACING EFFECTS ON CONVECTIVE HEAT AND MASS TRANSFER PAST A PERMEABLE INCLINED OSCILLATING STRETCHING SHEET	GVPN Srikanth, G.Srinivas	Global Academic Research Journal , Volume – III,	2015	2347-3592
75.	CHARACTERIZATION OF NANO- PARTICLE SIZE IN CONVECTIVE HEAT TRANSFER THROUGH CYLINDRICAL ANNULUS	GVPN Srikanth, G.Srinivas	International Journal of Advance Research In Science And Engineering, Vol. No.4, Special Issue (02), February 2015, Pp.103-110.	2015	2319-8346
76.	HEAT TRANSFER OF NANO FLUIDS IN AN INCLINED CHANNEL UNDER MAGNETIC FIELD WITH HEAT SOURCE/SINK	GVPN Srikanth, G.Srinivas	Journal of Mechanical and Civil Engineering, VOL 2 ISSUE 3 MARCH 2015.	2015	3855-0154
77.	HEAT TRANSFER WITH HEAT SOURCE AND RADIATION PAST A PERMEABLE STRETCHING SHEET IN A NANO FLUID	GVPN Srikanth, G.Srinivas	Quest International Multidisciplinary Research Journal, VOL 4 ISSUE 3	2015	2278 – 4497

			MARCH 2015.		
78.	Heat and Mass Transfer Analysis of a Cu-water Nano fluid along an Inclined flat Plate with Heat Source/Sink	GVPN Srikanth, G.Srinivas	Research Expo International Multidisciplinary Research Journal, VOL 5 ISSUE 4 April 2015.	2015	2250-1630
79.	The Convective Heat Transfer of Nano-Fluid past a Permeable Oscillating Stretching Sheet	GVPN Srikanth, G.Srinivas	ACME International Multidisciplinary Research Journal, VOL 3 ISSUE 5 May 2015.	2015	2320-2360
80.	Heat Transfer in MHD Nano Fluid along a Stretching flat Plate With Chemical Reaction and Injection/Sink	GVPN Srikanth, G.Srinivas	International Research Journal of Engineering and Technology, Volume: 02 Issue: 03 June-2015.	2015	2395-0056
81.	Finite Element Analysis of Convective Heat Transfer of Micro polar and Viscous Fluids in a Vertical Channel with Variable Width	GVPN Srikanth, G.Srinivas	International Journal of Mathematics Trends and Technology, Pp.65-70, Volume27 Number2 – November 2015	2015	2231-5373
82.	EFFECT OF OPPOSITELY MOVING PLATES ON CONVECTIVE HEAT AND MASS TRANSFER THROUGH TWO IMMISCIBLE FLUIDS- FEA	GVPN Srikanth, G.Srinivas	International journal of Mechanical and Production Engineering Research and Development,	2015	2249-8001
83.	Structural and optical properties of CuO doped lithium borate glasses.	Ashok Bhogi P. Kistaiah	Physics and Chemistry of Glasses: European Journal of Glass Science and Technology Part B	2015	ISSN <a href="#">1753-3562</a>
84.	Effect of alkaline earths on spectroscopic and structural properties of Cu <sup>2+</sup> ions - doped lithium borate glasses	Ashok Bhogi,R. Vijaya Kumar P. Kistaiah	Journal of Non-Crystalline Solids	2015	ISSN: 0022-3093
85.	Characterization of SnO <sub>2</sub> nano particles in the traditionally prepared ayurvedic medicine	M.Sumitra, P.Raghavendra Rao, A.Nagaratnam, and Y.Aparna	International Conference on Nano Science and Engineering Applications	Dec,2015	2214-7853

			(Elsevier)		
86.	Finite element study of an unsteady MHD free convection coquette flow with viscous dissipation	J. Anand Rao, G.Jithender Reddy, R.Srinivasa Raju	Global Journal of Pure and Applied Mathematics	2015	ISSN:0973- 1768
87.	Application of FEM to free convective flow of Water near 4°C past a vertical moving plate embedded in porous medium in presence of magnetic field.	R. Srinivasa Raju, G. Jithender Reddy, J. Anand Rao, P. Manideep	Global Journal of Pure and Applied Mathematics	2015	ISSN:0973- 1768
88.	Ambient air pollutant levels in the vicinity of Thermal power plant.	P.Padmavathi,J yotsnaCherukuri	IOSR Journal of Environment al Science, Toxicology and Food Technology (IOSR- JESTFT)	2015	-ISSN: 2319- 2402,p- ISSN: 2319-2399.
89.	Ambient air pollutant levels in the vicinity of Thermal power plant.	P.Padmavathi,J yotsna,Cherukuri	Chemical Science Reviews and Letters	2015	SSN: 2319 - 2402 p ISSN: 2319- 2399
90.	Structure, Morphology & Infrared Spectroscopic Characterization of $Ga_{(2x+2)} N Fe_{2(49-x)} O_3$ Ferrite synthesized using Sol Gel technique ”	I.Rajani, Dr.C.Udaya Kiran, Dr.V.Brahmaji Rao, Dr.MoneeshaDc osta	<i>IOSR-Journal</i> of Applied Physics	2015	ISSN 2278- 4861,
91.	Slow steady rotation of a permeable sphere in an incompressible Micro Polar fluid	P. Aparna*, J. V. R. Murthy, G. Nagaraju	IJMA	2015	ISSN: 2229-5046
92.	Chemical Reaction and Radiation Effects on MHD Free Convection From an Impulsively Started Infinite Vertical Plate with Viscous Dissipation	G. Jithender Reddy, J.Anand Rao And R. Srinivasa Raju	International Journal of of Advances in Applied. Mathematics and Mechanics	2015	2347-2529
93.	Structure, Morphology & Infrared Spectroscopic Characterization of $Ga_{(2x+2)} N Fe_{2(49-x)} O_3$ Ferrite synthesized using Sol Gel technique ”	I.Rajani, Dr.C.Udaya Kiran, Dr.V.Brahmaji Rao, Dr.MoneeshaDc osta	<i>IOSR-Journal</i> of Applied Physics	2015	ISSN 2278- 4861,
94.	A NEW METHOD FOR SINGLE PHASE 1-D STEFAN PROBLEM.”	Devi, P. Kanakadurga, V. G. Naidu, and G. Viswanath Reddy	<i>International Journal of Mathematical Archive (IJMA)</i>	Feb,2015	ISSN 2229- 5046
95.	A new computational method for single phase classical 1-D Stefan problem	P. Kanaka Durgadevi and V G S naidu	Int. J. Advanced scientific and Technical Research	Dec,2015	ISSN 2249- 9954

96.	<b>Professional life Stress among software professionals in Hyderabad- An Evaluation</b>	B. Prathyusha, Dr.Ch. S. Durgaprasad, Dr.P.Sudhir Reddy	International Journal of Innovative Research in Science, Engineering and Technology	2015	ISSN: 2319-8753
97.	Chemical Reaction and Radiation Effects on MHD Free Convection From an Impulsively Started Infinite Vertical Plate with Viscous Dissipation	G. Jithender Reddy, J.Anand Rao and R. Srinivasa Raju	International Journal of of Advances in Applied. Mathematics and Mechanics	2015	2347-2529
98.	Mono- and dinuclear platinum(II) complexes via single and double cycloplatinations of N'- (arylidene)benzohydrazides	A.R. Balavardhana Rao, Samudranil Pal*	Journal of Organometallic Chemistry	2015	ISSN: 0022- 328X
99.	Segmentation of Masses in Digital Mammograms using Fractal-Bound Computing Technique for Breast Cancer Prognosis	V.Sivakumar	International Journal of Applied Engineering Research,	2015	ISSN 0973- 4562
100.	A half-sandwich rhodium(III) complex with 4-bromo-N-(1-pyrenylidene)aniline: regioselective cyclorhodation of the 1-pyrenyl group	A. R. Balavardhana Rao, G. Narendra Babu and Samudranil Pal*	JOURNAL OF CHEMICAL RESEARCH	2015	ISSN <a href="#">1747-5198</a>
101.	Teaching English in Mixed Ability Classroom at UG Level: Necessary Strategies and Techniques	Dr.V.Vijaya Vani	International Journal of English: Literature, Language & Skills	2015	2278-0742,
102.	EPR and its Effectives in Higher Education	N.Aruna Kumari Dr.D.N.Rao Dr.M.Sudhir Reddy Dr.C.Kiranmai	Int. Journal of Innovative Technology and Research	2015	2264 – 2268
103.	The Need of Transition from General to Specific English Courses at Tertiary Level Institutions in India	Dr.V.Vijaya Vani	English for Specific Purposes World,	2015	ISSN 1682- 3257,
104.	Teaching ESP Courses for Glocal Purposes (pages 1-8)	Dr.V.Vijaya Vani	English for Specific Purposes World	2015	1682-3257
105.	The Impact of Peer Observation and Feedback on Technical Seminar Presentations: A Constructive Model	Dr.V.Vijaya Vani	I-Manager- English Language Teaching	2015	ISSN Print: 2231-3338 ISSN Online: 2249-0752
106.	Enhancing Academic Reading Skills: An Overview of Reading Pedagogy at Tertiary Level	Dr.V.Vijaya Vani	Integrating Technology and Culture Strategies and Innovations in ELT.	2015	
107.	Synthesis and anti-microbial agents of novel (E)-N'-4,4'-difluoro cyclohexane carboxylic acid (substituted-benzylidene)-hydrazide derivatives.	Tella.Lakshmi Viveka, Prof.L.Nalanda	<b>World Journal Of Pharmacy And</b>	2015	<b>ISSN 2278 – 4357</b>

		Sharada	<i>Pharmaceutica I Sciences</i>		
108.	Synthesis, Characterization and Molecular Docking Studies Of New Erlenmeyer Azlactones	Prof L.N.Sharada Y.Aparna Saba Sunita Lakshmi Viveka	IOSR Journal of Applied Chemistry ( <b>IOSR-JAC</b> )	2015	ISSN: 2278-5736.
109.	Synthesis and characterization of nanostructure ZnO thin films by a modified chemical bath deposition (SILAR) method	Prasath, M., Arun Balaji, R., Bhaskar, R., Kavitha, A., Revathy, R.	Journal of Chemical and Pharmaceutical Research	2015	0975-7384
110.	Molecular docking studies of chalcone derivatives with decaprenylphosphoryl-d-ribose oxidase (DprE1) as target protein	Prasath, M., Srinivasan, T., Arun Balaji, R., Revathy, R.	Journal of Chemical and Pharmaceutical Research	2015	0975-7384
111.	Synthesis and characterisation of Mn <sup>2+</sup> doped CdS nanoparticles	Prasath, M., Arun Balaji, R., Revathy, R.	Journal of Chemical and Pharmaceutical Research	2015	0975-7384
112.	Synthesis and characterisation of Co <sup>2+</sup> doped CdS nanoparticles	Prasath, M., Arun Balaji, R., Revathy, R.	Journal of Chemical and Pharmaceutical Research	2015	0975-7384
113.	Application of biodegradable nanohydrogels in the cultivation of wild guava	N.Mamatha et al.	International journal of green and herbal chemistry, sec.a,	2015	2278-3229
114.	Finite Element Analysis of MHD viscoelastic nanofluid flow over a stretching sheet with radiation	Macha Madhu et.al.	Procedia Engineering, Vol. 2015	2015	1877-7058
115.	IR Spectra Studies of Coordination Polymers Prepared By Ureabisdithiocarbamates	Shuchi Tiwari, K. Venugopal Ready and Anjali Bajpai	International Journal of Advanced Technology in Engineering and Science	2015	2348 – 7550
116.	Synthesis and Characterization of Bisdithiocarbamates from Weak Nitrogen Bases and Its Metal Complexes	Shuchi Tiwari, K. V. Reddy, Anjali Bajpai, Kanchan Khare and V. Nagaraju	<b>International Research Journal of Pure and Applied Chemistry</b>	2015	2231-3443
117.	Studies on Conducting Nano composite with Doped Ferrite Ga <sub>(2x+2)</sub> N Fe <sub>2(49-x)</sub> O <sub>3</sub> , Part –I”	I.Rajani, Dr. V.B rahmaji Rao, Dr.C.Udaya Kiran	Proc IMechE Part N: J Nanoengineering and Nanosystems	2015	ISSN 1740-3499
118.	Effect of strain thermal conductivity on slightly thermo viscous fluid in a porous slab bounded between two parallel plates	N.Pothanna	Journal of advanced computing	2015	Doi:10.7726/jac.2015.1003
119.	Studies on conducting PPY-Gallium nitrate Doped ferrite nano composites	Rajani Indrakanti	Fabrication of nanomaterials	2015	
120.	DFT analysis of vibrational spectra of 1,3-dihydro-7-nitro-5-phenyl-2H-1,4-benzodiazepin-2-one	Arun Balaji.R	Journal of chemical and pharmaceutical research	2015	0975-7384

121.	The Role of Feedback and Self Appraisal in Enhancing Pedagogical Competence of Teachers: An Empirical Study	Dr.V.Vijaya Vani	English for Specific Purposes World	2016	ISSN 1682-3257, www.esp-world.info,
122.	Analytical and Numerical study of unsteady MHD free convection flow over an exponentially moving vertical plate with heat Absorption.	G. Jithender Reddy, J. Anand Rao and R. SrinivasaRaju, M.M.Rashidi, Rama Subba Reddy Gorla	International Journal of Thermal Sciences.,	2016	ISSN: 1290-0729
123.	Unsteady Forced Oscillations of a Fluid Bounded by Rigid Bottom	N.Pothana, P.Aparna, &J.Srinivas	International Journal of IJCTA,	2016	<b>ISSN : 0974-5572</b>
124.	Code Based Secret Sharing Schemes for MANET	G.Padmavathi, P.V.Shiva Kumar, T.Appala Naidu	Indian Journal of Science & Technology,9(3 9), pp.1-6	2016	0974-5645
125.	WIT&WIL Methodology for effective Teaching & Learning with Teacher –student Academic plan-A case Study	N.Arunkumari ,D.N.Rao,M.SudhirReddy,C.Kiranmai	J--IOSR Journal of Humanities & Sciences,	2016	ISSN-2455-6602
126.	Biofeedback- An Intervention to Regulate Occupational Stress	B. Prathyusha, Dr.Ch. S. Durgaprasad, Dr.P.Sudhir Reddy	IOSR Journal of humanities and social sciences	2016	<b>ISSN: 2279-0837</b>
127.	A Quantitative Erudition of Occupational Stress in Software Professionals	B. Prathyusha, Dr.Ch. S. Durgaprasad, Dr.P.Sudhir Reddy	Journal of Computational Engineering and Management	2016	<b>ISSN: 2230-7893</b>
128.	Heat transfer of cu-water nano-fluid along inclined flat plate with radiation and particle size	Dr.S.Sivaiah, Dr.B.Tulasilaks hmi Devi, Dr.G.Srinivas, Dr.GVPN Srikanth	IJMEST- International Journal of Mechanical Engineering and Technology	Dec,2016	0976-6359
129.	The convective heat and mass transfer of nano-fluid past a permeable inclined oscillating flat plate	Dr.GVPN Srikanth, RajashekharGorthi, Dr.G.Srinivas	IJMRME- International Journal of Multidisciplinary Research and Modern Education	July,2016	ISSN:2454-6119
130.	Bisection method in solving free and moving boundary problems of heat and mass transfer	S.RKoneru, D.Pathella, V.G.Naidu	The 10 <sup>th</sup> International Convergence MSAST 2016	Dec,2016	
131.	Convection flow through fixed circular pipe	N.Pothanna	International journal of Physics and mathematical sciences, , Oct-Dec 2016	2016	ISSN:2277-2111
132.	The way forward for Excellence in Engineering Institutions through “Education Process Reengineering”	N.Arunkumari Dr.D.N.Rao Dr.M.Sudhir Reddy Dr.C.Kiranmai	Int. Journal of Soft Computing & Engineering(IJ SCE)	2016	2231-2307

133.	Mulk Raj Anand's Experimental Novel Little Plays of Mahatma Gandhi - A Critical Study	Dr.D.Sudha Rani	The Indian Review of World Literature in English, January-June, 2016	2016	ISSN:0974-097X
134.	Thermal diffusion and diffusion thermo effects on an unsteady heat and mass transfer magnetohydrodynamic natural convection Couette flow using FEM	R.Srinivasa Raju, G.Jithender Reddy, J. Anand Rao, MM Rashidi	Journal of Computational Design and Engineering	2016	ISSN:2288-4300
135.	Thermal diffusion and diffusion thermo effects on unsteady MHD fluid flow past a moving vertical plate embedded in porous medium in the presence of Hall current and rotating system	G Jithender Reddy, R Srinivasa Raju, P Manideep, J Anand Rao	Transactions of A. Razmadze Mathematical Institute	2016	ISSN:2346-8092
136.	Seasonal Variations of Water Quality Index of Osmansagar Lake in Hyderabad City– A Case Study	K.Padmaja1, Jyotsna Cherukuri	IOSR Journal of Environmental Science, Toxicology and Food Technology	2016	2319-2402
137.	POGIL-A new Dimension in Higher Education	Jyotsna Cherukuri	Journal of Engineering Education Transformation s	2016	2394-1707
138.	“Optical absorption and Photoluminescence spectra of Ho <sup>3+</sup> ions in PbO-MF <sub>2</sub> (M=Ca, Zn and Pb)-P <sub>2</sub> O <sub>5</sub> glass systems”	L. Srinivasa Rao, M.V.N. Padma Rao	“Physics and Chemistry of Glasses: European Journal of Glass Science and Technology Part B.”	2016	ISSN 1753-3562
139.	Mammogram Mass Segmentation using Fractal Oriented Gamma Transformation	P.Shanmugavadi and V.Sivakumar	International Journal of Computational Science and Information Technology	2016	2320-7442
140.	Fractal Dimension-Bound Spatio-Temporal Analysis of Digital Mammograms	P.Shanmugavadi and V.Sivakumar	Eur. Phys. J. Special Topics © EDP Sciences,	2016	e2016-02613
141.	“Little Plays of Mahatma Gandhi, An Experimental Novel by Mulk Raj Anand: A Critical Study”	D.Sudha Rani et al.	The Indian Review of World Literature in English(international)	2016	ISSN- 0974-097x,
142.	Boundary layer flow of a non-Newtonian nanofluid over a non-linearly stretching sheet	Macha Madhu et.al.	International journal of numerical methods for heat & fluid flow, 2016	2016	0961-5539

143.	MHD flow of a non-Newtonian nanofluid over a non-linearly stretching sheet in the presence of thermal radiation with heat source/sink	Macha Madhu et.al.	Engineering Computations, 2016	2016	0264-4401
144.	MHD Boundary-layer flow of a non-Newtonian nanofluid past a stretching sheet with Heat Source/Sink	Macha Madhu et.al.	Journal of Applied mechanics and Technical physics, 2016	2016	1573-8620
145.	Three-dimensional MHD boundary layer flow due to an axisymmetric shrinking sheet with radiation, viscous dissipation and heat source/sink	Macha Madhu et.al.	International Journal of Applied Mechanical Engineering, 2016	2016	1734-4492
146.	Finite element analysis of heat and mass transfer by MHD mixed convection stagnation-point flow of a non-Newtonian power-law nanofluid towards a stretching surface with radiation	Macha Madhu et.al.	Journal of Egyptian Mathematical Society, 2016	2016	1110-256X
147.	Magneto-hydrodynamic mixed convection of a non-Newtonian power-law nanofluid past a moving vertical plate with variable density	Macha Madhu et.al.	Journal of Nigerian Mathematical Society, 2016	2016	0189-8965
148.	Magneto hydrodynamic mixed convection stagnation-point flow of a power-law non-Newtonian nanofluid towards a stretching surface with radiation and heat source/sink	Macha Madhu et.al.	Journal of Fluids,	2016	2356-7376
149.	Effects of MHD and thermal radiation of nanofluid over a non-linear stretching isothermal permeable sheet with transpiration	Macha Madhu et.al.	Journal of Nanofluids, 2016	2016	2169-4338
150.	EPR and optical absorption studies of Cu <sup>2+</sup> ion doped in xLi <sub>2</sub> O-(40-x)Bi <sub>2</sub> O <sub>3</sub> -20CdO-40B <sub>2</sub> O <sub>3</sub> glasses	R. Vijaya Kumar, Ashok Bhogi, Md. Shareefuddin, K. Siva Kumar, M. Ghanashyam Krishna & C. S. Sunandana	Physics and Chemistry of Glasses: European Journal of Glass Science and Technology Part B	2016	ISSN <a href="#">1753-3562</a>
151.	One phase one dimensional Stephen problem	V.G.Naidu	Open journal of applied and thermal mathematics	2016	2455-7102
152.	Inter particle spacing effects on convective heat and mass transfer through a nano fluid in horizontal cylindrical annulus	G.V.P.N.Srikanth et.al.	IJMRME	2016	2454-6119
153.	Translating OrhanPamuk: challenges	S.Kanchana, Dr.K. Sandhya	JOELL- Journal of English Language and Literature	2017	2349-9753
154.	Unsteady MHD Heat Transfer in Couette Flow of Water at 4°C in a Rotating System with Ramped Temperature via Finite Element Method	G Jithender Reddy, R Srinivasa Raju, J Anand Rao, R.S.R. Gorla	Int. J. of Applied Mechanics and Engineering	2017	2353-9003
155.	Influence of angle of inclination on unsteady MHD Casson fluid flow past a vertical surface filled by porous medium in presence of constant heat flux, chemical reaction and viscous dissipation	R. Srinivasa Raju, B. Mahesh Reddy, G. Jithender Reddy	Journal of Nanofluid	2017	ISSN:2169-432X
156.	Assessment of Water Quality of Himayathsagar Lake in Hyderabad – A Case study	K.Padmaja1, Jyotsna Cherukuri	IOSR Journal of Environmental	2017	2319-2402

			Science, Toxicology and Food Technology		
157.	Couple on a rotating permeable sphere in a couple stress fluid	P. Aparna, J. V. R. Murthy	Ain Shams Engineering Journal	2017	ISSN: 2090-4479
158.	Flow generated by slow steady rotation of a <b>permeable sphere in a micro-polar fluid</b>	P. Aparna, N. Pothanna	Alexandria Engineering Journal	2017	1110-0168
159.	J-O parameters versus photoluminescence characteristics of 40Li2O-4 MO (MO Nb2O5, MoO3 and WO3)-55B2O3:1Nd2O3 glass systems	<b>L.Srinivasa Rao,</b> P.Venkateswara Rao, M.V.N.Vasu Deva Sharma, N. Veeraiah	<b>Optik</b>	2017	ISSN: 0030-4026
160.	Syntheses, structures and catalytic activities of two cyclopalladated complexes derived from N'-(2-naphthylidene)benzohydrazide	G. NarendraBabu, A.R. BalavardhanaRao, SrinivasKeesara , SamudranilPal	Journal of Organometallic Chemistry	2017	ISSN: 0022-328X
161.	The Status of English for Specific Purposes Course in India and Implications for the Development	Dr.V.Vijaya Vani	International Journal of ELT, Linguistics and Comparative Literature (Old Title- Journal of ELT & Poetry	2017	ISSN: 2455-0302
162.	Career of Engineering Graduates with Competitive Skills in Recent Trends – A Case for Study	N.Aruna Kumari Dr.D.N.Rao	Journal of Education and Learning	2017	P: 2089-9823 e: 2302-9277
163.	Influence Of Viscous Dissipation On Unsteady MHD Natural Convective Flow Of Casson Fluid Over An Oscillating Vertical Plate Via FEM	G.Jithender Reddy, R. Srinivasa Raju and J. Anand Rao,	Ain Shams Engineering Journal	2017	2090-4479
164.	Finite Element Solutions Of Free Convective Casson Fluid Flow Past An Vertically Inclined Plate Submitted In Magnetic Field In Presence Of Heat And Mass Transfer	R. Srinivasa Raju, B. Mahesh and <b>G.Jithender Reddy</b>	<b>International Journal for Computational Methods in Engineering Science and Mechanics.</b>	2017	1550-2287
165.	“South Asian Diaspora Theatre: A Critical Review”	D.Sudha Rani et al.	Impressions- E-journal (international)	2017	<b>ISSN 0974-892X</b>
166.	Indexing Student Performance with Fuzzy Logics Evaluation in Engineering Education	N.Aruna Kumari	IJETSR	2017	ISSN 2394-3386
167.	MHD flow and heat transfer of Casson nanofluid over a wedge	Macha Madhu et.al.	Mechanics & Industry, 2017	2017	2257-7777
168.	Boundary layer flow of viscoelastic nanofluid over a wedge in the presence of buoyancy force effects	Macha Madhu et.al.	Computational thermal science, Vol. 2017	2017	1940-2554
169.	Magneto hydrodynamic flow and heat transfer to Sisko nanofluid over a wedge	Macha Madhu et.al.	International Journal of fluid mechanics research, 2017	2017	2152-5102

170.	Unsteady flow of a Maxwell nanofluid over a stretching surface in the presence of MHD and thermal radiation effects	Macha Madhu et.al.	Propulsion and Power Research, 2017	2017	2212-540X
171.	Studies on Conducting Nano composite with Doped Ferrite $Ga_{(2x+2)}NFe_{2(49-x)}O_3$ -PPY Part -II'	I.Rajani, Dr. V.B rahmaji Rao, Dr.C.Udaya Kiran	Proc I MechE Part N: J Nanomaterials, Nanoengineering and Nanosystems	2017	ISSN 1740-3499
172.	Finite element analysis of diffusion effects on convective heat and the mass transfer of two fluids in a vertical channel	G.V.P.N.Srikanth et.al.	International journal of automotive and mechanical engineering	2017	2229-8649
173.	Steady flow around a moving circular pipe in a thermo-viscous fluid in the absence of pressure gradient	N.Pothanna	International journal of advanced science and technology	2017	2005-4238
174.	Dipole pinning effect on photovoltaic characteristics of ferroelectric BiFeO <sub>3</sub> films	P. P. Biswas, Ch. Thirmal, S. Pal, and P. Murugavel	Journal of Applied Physics,	2018	024101