



**VALLURUPALLI NAGESWARA RAO VIGNANA JYOTHI
INSTITUTE OF ENGINEERING AND TECHNOLOGY**
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Department of Humanities & Sciences

Faculty Publications

S.No	Title of the paper	Name of the Faculty	Name of the journal	Year of Publication	ISSN number
1	Teacher's Relationship and Competency on the Academic Performance of Socially Disadvantaged Students in Higher Secondary Schools (Accepted)	Dr. Ujjwala Kakarla	Scope Journal	2023	ISSN: 11775653, 11775661 (O)
2	The Tears the Earth Hides	Dr. Ujjwala Kakarla	The Punch Magazine	2023	ISBN:5298022 549361
3	The Path I Vow	Dr. Ujjwala Kakarla	The Punch Magazine	2023	ISBN:5298022 549361
4	Are you Lost in Darkness?	Dr. Ujjwala Kakarla	The Punch Magazine	2023	ISBN:5298022 549361
5	I wait for...	Dr. Ujjwala Kakarla	The Punch Magazine	2023	ISBN:5298022 549361
6	A Ray of Light	Dr. Ujjwala Kakarla	The Punch Magazine	2023	ISBN:5298022 549361
7	Effect of magnetic field in a porous layer saturated Couple-Stress fluid with through flow and internal heat source	Seeta Raju, Dhanalaxmi, M. Pavan Kumar Reddy	MATHEMATICS IN ENGINEERING, SCIENCE AND AEROSPACE	2023	ISSN: 2041- 3165

8	Impact of BaF ₂ on physical and spectroscopic studies of TeO ₂ -Li ₂ B ₄ O ₇ glasses modified with Cu ²⁺ ions	B. Srikantha Chary, Arukula Balakrishna, B. Srinivas, K. Chandra Sekhar, Abdul Hameed, Md Shareefuddin	Optical Materials	2023	ISSN: 1873-1252
9	Spectroscopic features of Tb ³⁺ doped strontium zinc borate glasses for green laser applications.	D Vijayasri, K.S.Rudramamba , T Srikanth, N Mahendra Reddy, Mamatha Nakka, S Pratyusha , M Rami Reddy	Journal of Molecular structure	2023	ISSN: 0022-2860
10	A folded π -system with supramolecularly oriented dipoles: single-component piezoelectric relaxor with NLO activity	Soumi De, Deepak Asthana, C. Thirmal , Sudhir K Keshri, Ram Krishna Ghosh, Geeta Hundal, Raju Kumar, Satyendra Singh, Ratnamala Chatterjee, Pritam Mukhopadhyay	Chemical Science	2023	2041-6520 (print) 2041-6539 (web)
11	Delayed Differential Equations Solving in a Fuzzy Environment With an Iterative Method	T. Siva Nageswara Rao, N. Srinivasa Rao, Ch. Subba Reddy, Renuka Kolandasamy & T.L. Yookesh	BioGecko	2023	ISSN: 2230-5807

12	New benzylidene festooned thiazolidinone-coumarin molecular hybrids targeting Human Breast adenocarcinoma cells: Design, synthesis, SAR, molecular Modelling and biological evaluation as CDK2 inhibitors	Raja Rameshu Manda, Ratnakaram Venkata Nadh, Tella Lakshmi Viveka, Gangadhara Angajala , Valmiki Aruna	Journal of Molecular Structure	2023	ISSN:1872-8014
13	Fluorinated Membrane Materials for Proton Exchange Membrane Fuel Cells	Pavitra Rajendran, Valmiki Aruna, Gangadhara Angajala , Pulikanti Guruprasad Reddy	Wiley-Scrivener	2023	Online ISBN: 9781119829331; Print ISBN:9781119829553
14	Investigation of dielectric properties of P (VDF-Trfe)-Nafion blended solutions in the microwave frequency region	C Thirmal , P Nikhil Mohan, G Suresh, T Lakshmi Viveka , KC James Raju, T Vishwam	Materials Today: Proceedings	2023	ISSN: 2214-7853
15	Investigation of flexible electrochemical storage with Li+/PVdF-HFP/PEO blend	P. Ajay Kumar, A. Mallikarjun, Maheshwar Reddy Mettu, P. Anand Kumar Sagar, C. Thirmal , M. Jaipal Reddy, and J. Siva Kumar	POLYMER-PLASTICS TECHNOLOGY AND MATERIALS	2023	Print ISSN: 2574-0881 Online ISSN: 2574-089X
16	Dielectric characterization studies of hydrogen-bonded polar liquids in nonpolar medium using cavity perturbation technique	T Vishwam, V Manjula, T Vamshi Prasad, C Thirmal , VR K Murthy	Materials Today: Proceedings	2023	ISSN: 2214-7853

17	Dielectric characterization of P(VDF-TrFE)-CuO nanocomposite solutions in the microwave frequency range using open-ended coaxial probe technique	G Suresh , C Thirmal, P Nikhil Mohan, DN Prasad, KC James Raju, T Vishwam	Materials Today: Proceedings	2023	ISSN: 2214-7853
18	Morphological growth study of extended branches of silver nanodendrites using piper betel leaf extract	M. Sumithra , Y. Aparna , P. Raghavendra rao	Materials Today: Proceedings	2023	ISSN: 2214-7853
19	Proteases: An overview on its recent industrial developments and current scenario in the revolution of biocatalysis	Valmiki Aruna, V.Chandrakala, Gangadhara Angajala , E.R.Nagarajan	Materials Today: Proceedings	2023	ISSN: 2214-7853
20	Effect of BaO/TeO ₂ oxide ratio in TiO ₂ . B ₂ O ₃ . Fe ₂ O ₃ glasses: Physical, thermal and optical absorption studies	B Srinivas, Ashok Bhogi, J Ramesh, TV Surendra, Sheik Ahammed, AV Lalitha Phani, Abdul Hameed, Md Shareefuddin	Materials Today: Proceedings	2023	ISSN: 2214-7853
21	Band gap determination by Tauc's, ASF and DASF methods of alkaline earth modified lithium borate glasses co-doped with transition metal ions	Ashok Bhogi, B Srinivas, M Shareefuddin, P Kistaiah	Materials Today: Proceedings	2023	"ISSN: 2214-7853"
22	Computational Approach for a SPDDE with	R. Kumar, D.Swarnakar	Int.. J. Anal. Appl.	2023	ISSN: 2291-8639
23	Influence of phonon-assisted tunneling on photovoltaic properties of BaSi ₂ and BaGe ₂ p-n homojunction solar cell devices	Mamindla Ramesh, and Manish K. Niranjana	Journal of Applied Physics	2023	131, no. 18 (2022): 185001.
24	Electron-Phonon interaction effect in the photovoltaic parameters of indirect (direct) bandgap AlSb (GaSb) p-n junction solar cell devices: A density functional theoretical study	Mamindla Ramesh, and Manish K. Niranjana	Physical Chemistry Chemical Physics	2023	24, 24181-24191 (2022).

25	Triarylborane-triphenylamine based luminophore for the mitochondria targeted live cell imaging and colorimetric detection of aqueous fluoride	Chinna Ayya Swamy P, Archana V Raveendran, Narra Sivakrishna, and Rajendra Prasad Nandi	Dalton transactions	2022	1477-9234
26	MOLECULAR MODELLING STUDIES AND LARVICIDAL POTENTIAL OF PHE (POLYHERBAL EXTRACT) OF SELECTED INDIAN MEDICINAL HERBS	P. Manorama, Valmiki Aruna and Gangadhara Angajala	Rasayan Journal of Chemistry	2022	0976-0083
27	HPLC PROFILING AND ANTIHYPERGLYCEMIC EVALUATION OF PHE (POLYHERBAL EXTRACT) OF SELECTED INDIAN MEDICINAL HERBS IN ALLOXAN DIABETIC RATS	P. Manorama, Valmiki Aruna, D. Geetha and Gangadhara Angajala	Rasayan Journal of Chemistry	2022	0976-0083
28	Identification of Chemical Constituents, Chromatographic profiling of PHE (Poly Herbal Extract) of selected Indian Medicinal Herbs and its Antioxidant activity Evaluation	P. Manorama, Valmiki Aruna, Gangadhara Angajala , D. Geetha	Research Journal of Pharmacy and Technology	2022	0974-360X
29	MHD free convective non-Newtonian Casson fluid flow over an oscillating vertical plate	M.PrameelaK.Gangadhar, G. JithenderReddy	Partial Differential Equations in Applied Mathematics	2022	2666-8181
30	Image Processing and Machine Learning-Based Classification and Detection of Liver Tumor	V. Durga Prasad Jasti,1Enagandula Prasad,2Manish Sawale,3Shivlal Mewada,4Manoj L. Bangare,5Pushpa M. Bangare,6Sunil L. Bangare,7and F. Sammy	BioMed Research International	2022	2314-6141

31	Radiation and chemical reaction effect on unsteady flow past an accelerated vertical plate with variable temperature and uniform mass diffusion through a porous medium	Ch.Shashi Kumar,P.Govinda chowdary,P.Sarada Devi, V.Nagaraju	Journal of Positive school of Psychology	2022	2717-7564
32	Generalized Fixed Point Theorems of Ciric Type in Fuzzy Metric Space	Kusuma. Tummala, A. Sree Rama Murthy, V. Ravindranath	Specialusis Ugdymas	2022	1276-1286
33	Stability analysis of tumor treatment model using virotherapy and chemotherapy	R Srilatha,M.Sridevi	International journal of ecology and development	2022	0972-9984
34	Uniform Flow of Viscous Fluid Past a Porous Sphere Saturated with Micropolar Fluid	Podila Aparna,Podila Padmaja,Nalimela Pothanna,Josyula Venkata Ramana Murthy	Biointerface Research in Applied chemistry	2022	2069-5837
35	Internally heated convection in a porous medium saturated couple-stress fluid with the effect of throughflow and variable gravity	Seeta Raju, Dhanalaxmi, M. Pavan Kumar Reddy, K. Madhavi	NeuroQuantology	2022	1303-5150
36	An Extended Finite Difference Method for Singular Perturbation Problems on a Non-Uniform Mesh	D.Swaranakar, GBSL Soujanya, V.Ganesh Kumar	International Journal of Applied Mechanics and Engineering	2022	ISSN-2353-9003
37	INFLUENCE OF JOULE HEATING AND MASS TRANSFER EFFECTS ON MHD MIXED CONVECTION FLOW OF CHEMICALLY REACTING FLUID ON A VERTICAL SURFACE	M Karuna Prasad D Chenna Kesavaiah , Ch Shashi Kumar, K Ramakrishna Reddy	NeuroQuantology	2022	1303-5150
38	ON SOME COUPLED FIXED POINT THEOREMS FOR MIXED MONOTONE	T.Kusuma ,Dr.A.Sree Rama Murthy,Dr.V.Ravindranath	Computer Integrated Manufacturing System	2022	ISSN-1006-5911

39	Improved dielectric and AC conductivity properties of P(VDF-TrFE)-Nafion blends for high-temperature flexible capacitor applications	C.Thirmal, P. NikhilMohan, G.Suresh, K.C. JamesRaju, T.Vishwam	Current Applied Physics	2022	Online ISSN: 1878-1675 Print ISSN: 1567-1739
40	MAPPINGS IN p – METRIC SPACES	S.D.Ramarao, C.Thirmal, V.R.K.Murthy	Ceramics International	2022	Print ISSN: 0272-8842 Online ISSN: 1873-3956
41	Energy harvesting properties of the Nafion thin films	Anjaly Babu, P Supraja, Siju Mishra, K Uday Kumar, R Rakesh Kumar, D Haranath, C Thirmal, N Raju, T Venkatappa Rao, K Balaji	Engineering Research Express	2022	Online ISSN: 2631-8695
42	ZIF-67-Metal–Organic-Framework-Based Triboelectric Nanogenerator for Self-Powered Devices	Sachin Barsiwal, Anjaly Babu, Uday Kumar Khanapuram, Supraja Potu, Navneeth Madathil, Rakesh Kumar Rajaboina, Siju Mishra, Haranath Divi, Prakash Kodali, Raju Nagapuri, Thirmal Chinthakuntla	Nanoenergy Advances	2022	EISSN 2673-706X,

43	Effect of SrO and TeO ₂ on the physical and spectral properties of strontium tellurite boro-titanate glasses doped with Cu ²⁺ ions	B.Srinivas, Ashok Bhogi, Pallati Naresh, Abdul Hameed, M Narasimha Chary, Md Shareefuddin	Journal of Non-Crystalline Solids,	2022	ISSN 0022-3093
44	Fabrication, optical and radiation shielding properties of BaO-TeO ₂ -B ₂ O ₃ -Cr ₂ O ₃ glass system	B Srinivas, Ashok Bhogi, Pallati Naresh, M Narasimha Chary, Md Shareefuddin, ZA Alrowaili, Zakaria MM Mahmoud, IO Olarinoye, MS Al-Buriahi	Optik	2022	ISSN: 0030-4026
45	Physical and spectroscopic studies of CaF ₂ Al ₂ O ₃ Bi ₂ O ₃ B ₂ O ₃ CuO glasses	Chandrasekhar Maalegoundla, K Chandra Sekhar, Abdul Hameed, B.Srinivas, Md Shareefuddin	Journal of the Australian Ceramic Society	2022	ISSN2510-1579
46	Preparation and Characterization of melt derived CaO-Sb ₂ O ₃ -Li ₂ O containing borate glass for multiple application	Pallati Naresh, Boora Srinivas, D Sreenivasu, D Ravikumar, Gandla Nataraju, P Sunitha Manjari, Gangadhar Talari, J Laxman Naik, K Siva Kumar	Journal of Non-Crystalline Solids	2022	ISSN 0022-3093

47	Effect of Alkaline earth oxides on the ionic conductivity of Boro-Tellurite glasses for solid state ion batteries	B. Srinivas, M Narasimha Chary and Md Shareefuddin	Physica Scripta	2022	1402-4896
48	A comparative study on the physical and spectral (optical, EPR and FTIR) properties of NaF-CdO-B ₂ O ₃ and KF-CdO-B ₂ O ₃ glass systems doped with manganese ions	Sheik Ahammed, B. Srinivas, Samdani, Md Shareefuddin	Journal of Non-Crystalline Solids	2022	ISSN 0022-3093
49	Nonlinear optical studies of citrus fruit synthesized gold nanostructures	RamyaEmusani, VenkataSai Dasari	Materials Today Proceedings, Elsevier	2022	2214-7853
50	Optical, dielectric and elastic studies of high birefringent ambient temperature nematic liquid crystal mixtures having similar molecular cores	VenkataSai Dasari, TatipamulaArun Kumar, E.Ramya	Materials Today Proceedings, Elsevier	2022	2214-7853
51	Theoretical insights into interaction energy, IR intensity and Raman activity enhancements of H ₂ O adsorbed on Mg containing Zn ₃ O ₃ nanoclusters: A computational study	N.V. Suresh Kumar , L. Srinivasa Rao	Journal of Computational and Theoretical Chemistry	2022	2210-271X
52	Title of Chapter: Meso, Micro, Nano Particulates filled Shape memory polymers, Book Name: Shape Memory Composites Based on Polymers and Metals for 4D Printing	T.Rajani, .Ashok Bhogi	Springer Publication.	2022	ISBN :978-3-030-941147-7
53	Two dimensional transition metal dichalcogenides nanomaterials and their applications	T.Rajani, N.Shashidhar, R.Rahul, David	IOSR publication	2022	ISSN 2277-3886, Volume 14, Issue 4.
54	Title of Chapter: Theory of luminescence and materials	T.Rajani, V.Brahmaji Rao	De-Gruyter publication house	2022	ISBN: 9783110676518
55	Study of structural, dielectric, and AC conductivity properties of SrMoO ₄	C. Thirmal, S. D. Ramarao, L. Srinivasa Rao, and V. R. K. Murthy	Materials Research Bulletin	2022	Print ISSN: 0025-5408; Online ISSN: 1873-4227

56	Antibacterial activity study of ZnO incorporated biodegradable poly (lactic acid) films for food packaging applications	A. Akshaykranth, N. Jayarambabu, T. Venkatappa Rao, R. Rakesh Kumar & L. Srinivasa Rao	Polymer Bulletin	2022	ISSN: 0170-0839 (print); 1436-2449 (web)
57	Novel nanocomposite polylactic acid films with Curcumin-ZnO: structural, thermal, optical and antibacterial properties	A.Akshaykranth N.Jayarambabu, Ashishkumar, T.Venkatappa Rao, R. RakeshKumar, L. Srinivasa Rao	Current Research in Green and Sustainable Chemistry	2022	ISSN: 2666-0865
58	Investigation on synthesis, structure and degradability of starch based bioplastics	L. Srinivasa Rao, C.D. Naidu, Shuchi Tiwari	Materials Today: Proceedings	2022	Online ISSN: 2214-7853
59	"Influence of phonon-assisted tunneling on photovoltaic properties of BaSi ₂ and BaGe ₂ p-n homojunction solar cell devices	Ramesh Mamindla and Manish K Niranjana	Journal of Applied Physics	2022	ISSN: 0021-8979
60	Electron–phonon interaction effect on the photovoltaic parameters of indirect (direct) bandgap AlSb (GaSb) p–n junction solar cell devices: a density functional theoretical study	Ramesh Mamindla and Manish K Niranjana	Physical Chemistry Chemical Physics	2022	ISSN: 1463-9076
61	Influence of La ³⁺ , Sm ³⁺ and Dy ³⁺ dopants on ceria solid electrolytes for IT–SOFCs	Kasarapu Venkataramana, Chittimadula Madhuri, Ch Madhusudan, Ashok Bhogi, B. Srinivas, C.Vishnuvardhan Reddy	Materials Science in Semiconductor Processing	2022	ISSN: 1369-8001

62	Absorption spectrum fitting method (ASF), DASF method and structural studies of Li ₂ O-SrO-B ₂ O ₃ -MnO quaternary glass system	Ashok Bhogi, Boora Srinivas, Papolu Padmavathi, Kasarapu Venkataramana, Kiran Kumar Ganta, Mohd. Shareefuddin and P. Kistaiah	Optical Materials	2022	0925-3467 ISSN
63	Effect of Mn ²⁺ ions on spectroscopic and electrical properties of lithium strontium borate glasses	Ashok Bhogi, Boora Srinivas, Padmavathi Papolu, Md. Shareefuddin and P. Kistaiah	materials Chemistry and Physics	2022	
64	Influence of Bi ₂ O ₃ on physical, optical and gamma radiation properties of BaO-Bi ₂ O ₃ -B ₂ O ₃ -CuO and BaO-Bi ₂ O ₃ -B ₂ O ₃ -Fe ₂ O ₃ glasses	Sydala Sulochana, Ashok Bhogi, B.M. Pratima, Md Shareefuddin, D.K. Gaikwad, Puram Kistaiah	Journal of Polymer & Composites	2022	ISSN: 2321-8525
65	Title of Chapter: Wet synthesis methods of shape memory Polymer Composites Book Name: Shape Memory Composites Based on Polymers and Metals for 4D Printing	Ashok Bhogi, T.Rajani -Book Chapter	Springer Publication.	2022	ISBN :978-3-030-941147-7
66	Red light component tuning by n-UV/blue light excitations in Sm ³⁺ /Eu ³⁺ co-doped Y ₂ O ₃ -Al ₂ O ₃ -Bi ₂ O ₃ -B ₂ O ₃ -SiO ₂ glasses for W-LED applications	MRR T.Srikanth, DV.K Reddy, K.S.Rudramamba , SkTaherunnisa, N.Mahendra Reddy, T.Lakshmi Viveka	Optical Materials	2022	ISSN: 0925-3467

67	Education Process Re-engineering through Spectral Pyramid Framework to Achieve Excellence in Engineering Education	N Aruna Kumari, Dr.D.N.Rao, Prof.Kiranmai Cherukuri,	Journal of Engineering Education Transformations	2022	eISSN 2394- 1707
68	Green Innovation Practice For Organizational Performance And Sustainable Development	Dr. Shakti Awasthi , Kaushik Samanta FICS , B. Prathyusha , Fazeen Rasheed A K , Dr. Amol Murgai , Dr Savita Yadav	Journal of Positive School Psychology (JPSP)	2022	2717-7564
69	Waste Management in India - Some Issues And challenges	Dr.Kondamudi Hanumantha Rao, Kotha Anil Kumar	International Journal of Research in Social Science	2022	2249-2496
70	Semiotic Construction of Masculinity in Things Fall Apart	Dr. Ujjwala Kakarla	International Journal of Scientific Development and Research	2022	2455-2631
71	Indian Women's Potraits In Some Indian Diasporic Stories	M. Shobha	Journal of Information and Computational Science	2022	1548-7741
72	Representation of Sportswomen in the Contemporary Indian Cinema	Mr. K. Ashok	UGC-approved International Journal of Research and Analytical Reviews (IJRAR)	2022	E-ISSN: 2348- 1269, P-ISSN: 2349-5138
73	Revitalising teachers acknowledgement :A boosting efficacy	1. Ms. Sikha Nayak, 2. Mr. K. Ashok	The Criterion: An International Journal in English	2022	ISSN: 0976- 8165
74	An Anthology of Dark Poetry (Book)	Dr. Ujjwala Kakarla	As the Darkness Dawns	2022	ISBN: 978-93- 90567-12-6
75	Interior Monologue (own article)	Dr. Ujjwala Kakarla	Cultural Reverence	2022	vol IV, issue 5, October special edition

76	Mothers Love for her Children as Depicted in Literature, with Particular Emphasis on the Two Poems "Night of the Scorpion" and Home they Brought her Warrior Dead."	Divya.D	Journal of Emerging Technologies and Innovative Research	2022	ISSN: 2349-5162
77	computational approach for SPDE with mixed shifts using a non polynomial spline	Kumar Ragula, GBSL Soujanya, D. Swarnakar	scopus	2022	
78	Influence of Heat Joule Heating and Mass Transfer effects on MHD Mixed Convection	D. Chenna Kesavaiah, K. Ramakrishna Reddy, Ch. Shashi Kumar, M Karuna Prasad	Neuro Quatology	2022	1303-5150
79	Revitalising Teacher's acknowledgement: A boosting Efficacy	Ms. Sikha Nayak, Mr. K. Ashok	The Criterion : An international journal in English	2022	0976-8165
80	Nano Fibrous Materials for Capturing Air Pollutants in the Ambient Air - A Review	Padmavathi papolu, Ashok Bhogi	Chem Sci Rev Lett 2022, 11 (41), 1-5	2022	ISSN 2278-6783
81	WASTE MANAGEMENT IN INDIA - SOME ISSUES AND CHALLENGES	Dr. KONDAMUDI HANUMANTHA RAO, KOTHA ANIL KUMAR	International Journal of Research in Social Science	2022	ISSN: 2249-2496 Impact Factor: 7.081
82	Does 'She' have a Choice? A study of R.K. Narayan's The Dark Room	Dr. Rachel Irdaya Raj	Impressions	2022	ISSN: 0974-892X VOL. XVI ISSUE I January, 2022
83	A Study of English Movies Dubbed into Telugu: An Extension of Telugu Action Movies	Dr. D. Sudha Rani, Dr. Rachel Irdaya Raj	Literary Oracle	2022	ISSN 2348-4773 Vol 6, Issue 2

84	Challenging the Patriarchal Mindset by Draupadi in Chitra Banerjee Divakaruni's 'The Palace of Illusions'	Dr. S. Kanchana, Ms. Prativa Rani Saha	IJRAR INTERNATIONAL JOURNAL OF RESEARCH AND ANALYTICAL REVIEWS (IJRAR.ORG)	2022	E-ISSN 2348-1269, P- ISSN 2349-5138, Vol.9.Issue 2.
85	Using Bloom's Revised Taxonomy to analyze GRE Reading and Writing Questions	Ms. Prativa Rani Saha, Dr. S. Kanchana,	International Journal of Current Science (IJCS PUB)	2022	2250-1770 VOL 12 (Issue 4), 287-296
86	IMPARTING LIFE SKILLS THROUGH THE MOVIE LIFE OF PI	Dr. S. Kanchana, Ms. Prativa Rani Saha	International Journal of Current Science (IJCS PUB)	2022	2250-1770 VOL 12 (Issue 3), 287-296
87	AN EXTENDED FINITE DIFFERENCE METHOD FOR SINGULAR PERTURBATION PROBLEMS ON A NON-UNIFORM MESH	D Swarnakar, V Ganesh Kumar	Int. J. of Applied Mechanics and Engineering	2022	vol. 131, no. 18 , pp 185001.
88	Influence of phonon-assisted tunneling on photovoltaic properties of BaSi ₂ and BaGe ₂ p-n homojunction solar cell devices	Mamindla Ramesh, and Manish K. Niranjana	Journal of Applied Physics	2022	
89	Electron-Phonon interaction effect in the photovoltaic parameters of indirect (direct) bandgap AlSb (GaSb) p-n junction solar cell devices: A density functional theoretical study	8) Mamindla Ramesh, Arghya Ghosh, and Manish Niranjana	Physical Chemistry Chemical Physics	2022	vol:24, pp:24181-24191
90	TEXT CLASSIFICATION USING MULTINOMIAL NAÏVE BAYES CLASSIFICATION ALGORITHM	Dr.M. Raja Sekar, Dr.J.Srinivas, E.Lalitha	NeuroQuantology	2022	20(10):6833-6841
91	Stability Analysis of Tumor Treatment model using Virotherapy and Chemotherapy	Dr.R.Srilatha .Dr.M.Sridevi	Mathematical Modelling	2022	Volume 37.Issue no.1
92	Effect of Mn ²⁺ ions on spectroscopic and electrical properties of lithium strontium borate glasses	Ashok Bhogi, B Srinivas, P Papolu, M Shareefuddin, P Kistaiah	Materials Chemistry and Physics	2022	Volume 291, 15 November 2022, 126698

93	Absorption spectrum fitting method (ASF), DASF method and structural studies of Li ₂ O–SrO–B ₂ O ₃ –MnO quaternary glass system	Ashok Bhogi, Boora Srinivas, Papolu Padmavathi, Kasarapu Venkataramana, Kiran Kumar Ganta, Mohd Shareefuddin, Puram Kistaiah	Optical Materials	2022	Volume 133, November 2022, 112911
94	Wet Synthesis Methods of Shape-Memory Polymer Composites	Ashok Bhogi, T Rajani	Springer publications Shape Memory Composites Based on Polymers and Metals for 4D Printing: Processes, Applications and Challenges	2022	155-172
95	Influence of La ³⁺ , Sm ³⁺ and Dy ³⁺ dopants on ceria solid electrolytes for IT–SOFCs	Kasarapu Venkataramana, Chittimadula Madhuri, Ch Madhusudan, Ashok Bhogi, B Srinivas, C Vishnuvardhan Reddy	Materials Science in Semiconductor Processing	2022	Volume 142, May 2022, 106495
96	An Extended Finite Difference Method for Singular Perturbation Problems on a non uniform mesh	D.Swarnakar, V.Ganesh Kumar, GBSL Soujanya	International Journal of Applied Mechanics and Engineering	2022	ISSN 1734-4492
97	Study of optical and structural properties of natural bamboo fiber powder prepared by ball milling method	N. Jayarambabu, L. Srinivasa Rao, A. Akshaykranth, T. Venkatappa Rao, R. Rakesh Kumar	Eur. Phys. J. Plus	2021	Electronic ISSN 2190-5444

98	Lithium–Molybdenum–Borate Glasses Doped with Cu ²⁺ ions as Solid Electrolytes	L. Srinivasa Rao, P.Raghavendra Rao, C.Thirnal, M. V. Ramachandra Rao	J. Institution of Engineers India Series	2021	Electronic ISSN 2250-2491 Print ISSN 2250-2483
99	The Effect of Fluorine doping on structural and dielectric properties of Molecular Ferroelectric Diisopropylammonium bromide	C.Thirnal , L. Srinivasa Rao, A.B. Swain, S.K. Srivastav	J. Institution of Engineers India Series E	2021	Electronic ISSN 2250-2491 Print ISSN 2250-2483
100	Influence of TiO ₂ ions on structural properties and AC conductivity of BaO-Bi ₂ O ₃ -B ₂ O ₃ glass system.	Mr P.Pavan Kumar, Ashok Bhogi, Muralidhara Reddy Kalimi, Padmasuvarna Reniguntla	Materials Today Proceedings (Elsevier)	2021	2214-7853
101	Structural and photoluminescence characteristics of PbO-M ₂ O ₃ (M ₂ O ₂) = Al ₂ O ₃ , Sb ₂ O ₃ and Bi ₂ O ₃)-WO ₃ -B ₂ O ₃ : Sm ₂ O ₃ glasses suitable for orange-red lasers	R.N.A.Prasad, L. Srinivasa Rao, T.Anil Babu, K.Neeraja, N.Krishna Mohan	Optik - International journal for light and Electron Optics	2021	Print ISSN: 0030-4026; Online ISSN: 1618-1336
102	Numerical Solution of singularly perturbed two parameter problems using exponential splines	P.Padmaja, P.Aparna, Rama Subba Reddy. Gorla, N Pothanna	J. of Applied Mathematics and Engineering	2021	2353-9003

103	Influence of the Number, Nature and Position of Methyl Posttranscriptional Modifications on Nucleobase Stacking in RNA	Deepika Kagra, Amanpreet Singh Mahmi, Dr. N. V. Suresh Kumar , Dr. Preethi Seelam Prabhakar, Dr. Purshotam Sharma	ChemPhyschem	2021	1439-7641
104	The Concept of S-algebra and its properties”	P. Sundarayya, V. Sree Ramani, S. Ramesh	Journal of Mathematical and Computational Science,	2021	ISSN: 1927- 5307
105	Effect of SrO and TeO ₂ , on the physical and spectral properties of strontium tellurite boro-titanate glasses doped with Cu +2 ions.	B. Srinivas, Ashok Bhogi, Pallati Naresh, Abdul Hameed, M. Narasimha Chary, Md. Shareefuddin	JOURNAL OF NON- CRYSTALLINE SOLIDS	2021	ISSN 0022- 3093
106	Influence of manganese ions on physical and spectroscopic properties of mixed alkali-alkaline earth oxide borate glasses.	Abdul Hameed, A. Balakrishna, B.Srinivas, M.Chandrashekar, Md. Shareefuddin, M. Narsimha Chary.	Optik-International Journal for Light and Electron Optics (Elsevier)	2021	ISSN: 0030- 4026
107	Novel NiMgOH-rGO-Based Nanostructured Hybrids for Electrochemical Energy Storage Supercapacitor Applications: Effect of Reducing Agents	K. Shireesha, Th.Rajesh Kumar, T.Rajani, Ch. Shilpa Chakra, M. Mamatha Kumari, V. Divya, K. Raghava Reddy	Crystals, MDPI	2021	2073-4352

108	Optical properties and energy transfer probing for white light emission in Ce ³⁺ /Tb ³⁺ /Sm ³⁺ tri-doped barium gallium borosilicate glasses.	T.SambasivaRao, K.S.Rudramamba , T.srikanth, D.Vijayasri, M.RamiReddy.	Optical materials (Elsevier)	2021	ISSN: 0925-3467
109	Review on Conducting Nano Composites and Their Applications	Rajani T, Sharvani B	Review on Conducting Nano Composites and Their Applications	2021	2581-8678
110	Spectroscopic, quantum chemical calculations, antioxidant, anticancer, antimicrobial, DNA binding and photo physical properties of bioactive Cu(II) complexes obtained from trifluoromethoxy aniline Schiff bases	Sreenu Daravath, Aveli Rambabu, Nirmala Ganji, Gali Ramesh, P.V.Anantha Lakshmi, Shivaraj	Journal of molecular structure	2021	ISSN:1872-8014
111	Influence of Thermal Radiation on MHD Fluid Flow over a Sphere.	Ms. M. Prameela, Ms. Dasari Venkata Lakshmi, Dr. G. Jithender Reddy.	Biointerface Research in Applied Chemistry	2021	ISSN: 2069-5837
112	A study on optical properties of MnO doped borobismuthate glasses	Pavan Kumar Pothuganti, Ashok Bhogi, Muralidhara Reddy Kalimi, Padma suvarna Reniguntla	Materials Today Proceedings (Elsevier)	2021	2214-7853
113	Teacher Competence and 21st century Challenges:A critical analysis of existing teacher competency framework	Sikha Nayak, Dr.Prajna Pani	TOJQI (scopus)	2021	1309-6591
114	Teaching English Language in Higher Educational Institutions: A Necessity for Students Bright Career	Ms. Divya Deevi,Kavi Bala Brahma Chary	International Journal of Advance and Innovative Research	2021	ISSN: 2394-7780

115	Online Teaching vs. Classroom Teaching in the Scenario of the Covid-19 Pandemic	Ms. Divya Deevi, Kavi Bala Brahma Chary	Psychology and Education(Scopus)	2021	ISSN: 00333077
116	Gender and Cultural challenges for Female in a multicultural Diaspora	Shoba	Turkish Journal of Physiotherapy and rehabilitation	2021	2651-4451
117	Indian Women Agency and the values of family Network	Shoba	Journal of Interdisciplinary Cycle Research	2021	0022-1945
118	An Initial-Value Technique for self-adjoint singularly perturbed two-point boundary value problems	P.Padmaja, P.Aparna, R.S.R.Gorla	Int.J.of Applied Mechanics and Engineering	2020	2353-9003
119	Efficient 2.01 μ m mid-infrared (MIR) and visible emission in Ho ³⁺ doped phosphate glasses enhanced by Er ³⁺ ions	Sk.Tehrunnisa, K.S.Rudramamba , D.V.Krishna Reddy, T.Venkateswarlu, Ya.Zhydachevskyy, A.Suchocki, M. Piasecki, M. RamiReddy	Infrared Physics & Technology	2020	ISSN: 1350-4495
120	Couple stress fluid flow due to slow steady oscillations of a permeable sphere	P.Aparna, P.Padmaja, N.Pothanna, J.V.Ramana Murthy	Non Linear Engineering	2020	2192-8029
121	Unsteady Magnetohydrodynamic Chemically Reacting Fluid Flow Past An inclined Vertical Permeable Moving Plate	R. Srinivasa Raju, G. JithenderReddy , M. Anil Kumar Gorla Rama Subba Reddy	International Journal of Fluid Mechanics Research	2020	ISSN Print: 2152-5102

122	Dielectric Dispersion, Linear and Nonlinear Optical Properties of Li ₂ O–WO ₃ –B ₂ O ₃ : V ₂ O ₅ Glasses	L. Srinivasa Rao,C. Thirmal, P.R. Rao	Journal of Advanced Dielectrics	2020	ISSN (print): 2010-135X ISSN (online): 2010-1368
123	A variable mesh finite difference scheme for two-parameters singularly perturbed boundary value problems	V.Ganesh Kumar, Dr.K.Phanendra	Journal of Mathematics Control Science and Applications	2020	ISSN: 0974-0570
124	Rotary Oscillations of a Permeable Sphere in an Incompressible Couple Stress Fluid	P. Aparna, N. Pothanna and J. V. R. Murthy	Advances in Fluid Dynamics	2020	
125	The role of CuO as limiting and luminescent probe for orange red emission of Sm ³⁺ ions in strontium bismuth borosilicate glasses	K.S.Rudramamba , S.K.Taherunnisa, M.Rami Reddy	Optical Materials	2020	ISSN: 0925-3467
126	Optical and AC conductivity characterization of alkaline earth borobismuthate glasses doped with nickel oxide	Pavan Kumar Pothuganti, Ashok Bhogi, Muralidhara Reddy Kalimi, Padma suvarna Reniguntla	Optik: International Journal for Light and Electron Optics	2020	Print ISSN: 0030-4026 Online ISSN: 1618-1336
127	Effect of zirconium oxide nanoparticles on physical, structural and magnetic properties of Bi₂O₃-B₂O₃-MnO₂ glasses	Ch Sai Phani Kumar, L. Srinivasa Rao, K Aruna Prabha, P Raghavendra Rao	Ceramics International	2020	Print ISSN: 0272-8842; Online ISSN: 1873-3956
128				2020	
129	The Unsteady Flow of Finite Depth with an oscillating Bottom	N.Pothanna, P.Aparna	International Frontier science Letters	2020	ISSN: 2349-4484
130				2020	
131	Thermal and Structural characterization of lithium borate glasses doped with Fe(III) ions: The role of alkaline earths	Ashok Bhogi, P.Kistaiah	Optical materials	2020	Online ISSN: 1873-1252
132	Numerical Solution of Boundary Layer Problem Using Second Order Variable Mesh Method	Mr D.Swarnakar, B.S.L. Sowjanya. G	Journal of Communications in Mathematics and Applications	2020	Print ISSN: 092:

133	Optimized NIR and MIR emission properties of of Tm 3+ / Ho 3+ ions in lead phosphate glasses.	Sk Taherunnisa, K.S.Rudramamba , D.VijayaSri, N.Veeraiah, T.Srikanth, M.RamiReddy	Infrared Physics &Technology	2020	ISSN: 1350-4495
134	Optical Parameters of Gallium Nitride Doped Ferrite	I.Rajani,Dr.C.Udaya Kiran,Dr.V.Brahmaji Rao	Springer-Journal of Material Science-Materials in Electronics	2020	ISSN 0957-4522
135	Physical and Optical Properties Of Borobismuthate Glasses Containing Vanadium Oxide	Pavan Kumar Pothuganti, Ashok Bhogi, Muralidhara Reddy Kalimi,Padamasuvarn a Reniguntla	Glass physics Chemistry	2020	1087-6596
136	A comparative study of the efficiency of chemical coagulation and electrocoagulation methods in the treatment of pharmaceutical effluent	K.Padmaja, Jyotsna Cherukuri, M. Anji Reddy	Journal of Water Process Engineering	2020	
137	The Unsteady Flow of Finite Depth with an oscillating Bottom	N.Pothanna, P.Aparna	International Frontier science Letters	2020	ISSN: 2349-4484
138	Detection of Tellurium (IV) in High purity metal & Synthetic mixtures using Morpholine dithiocarbamate & U.V Spectrophotometer.	K.Madhavi, P.Padmavathi,Sriniva sarao.T K.Saraswathi	International journal of Scientific Research & Review	2020	ISSN NO: 2279-
139	Story Telling- A Tool For English Language Acquisition For Young	Dr. S. Kanchana, Prativa Rani Saha	Research Journal of English Language and Literature (RJELAL)	2020	2395-2636

140	Structural properties of Li ₂ O-BaO-B ₂ O ₃ -Fe ₂ O ₃ glasses	Ashok Bhogi, Pavan Kumar Pothuganti, and P. Kistaiah	AIP Conference Proceedings	2020	0094-243X (print) 1551-7616 (web)
141	Effect of small concentration of TiO ₂ on physical and optical properties of borobismuthate glasses	Pavan Kumar Pothuganti, Ashok Bhogi, Muralidhara Reddy Kalimi, and Padamasuvarna Reniguntla	AIP Conference Proceedings	2020	0094-243X (print) 1551-7616 (web)
142	Synthesis, Characterization and Biological Activity of Novel 1,3,4-Oxadiazole Derivatives of 1,3-Dihydro-1-oxoisobenzofuran-5-carboxylic Acid	Dr.T.lakshmi Viveka	Asian Journal of Chemistry, Vol. 32, No. 1 (2020), 95-100	2020	
143	Ternary Cu(II) complexes: synthesis, structural elucidation, and biological studies (DNA binding, cleavage, antibacterial, cytotoxicity)	Dr.T.lakshmi Viveka	Research on Chemical Intermediates, 46, pages 3341–3360(2020)	2020	
144	Dimensions in Teaching Skills and Learning Skills	Ms. Divya Deevi, Kavi Bala Brahma Chary	Smart Moves Journal IJELLH	2020	p-ISSN: 2582-4406
145	Detection of Tellurium (IV) in High purity metal & Synthetic mixtures using Morpholine dithiocarbamate & U.V Spectrophotometer.	K.Madhavi, P.Padmavathi, Srinivasarao.T K.Saraswathi	International journal of Scientific Research & Review	2020	2279-543X
146	Necessity of Implementing Technical Writing in Engineering Curriculum: Challenges vs. Benefits	Sikha Nayak, Dr.Prajna Pani	Indian Journal Of Natural Sciences	2020	0976-0997
147	Evolution OF Teaching Materials	Ms. Divya Deevi, Kavi Bala Brahma Chary	Arts & Education International Research Journal	2020	ISSN 2349-1353
148	Impact of Air Pollution from a Coal Fired Thermal Power Station on Brinjal and Tomato crops	K.Madhavi, P.Padmavathi,	Chem Sci Rev Lett 2020, 9,(36), 902-908	2020	ISSN 2278-6783

149	Effect of ZnO nanoparticles on structure and magnetic properties of Li ₂ O-B ₂ O ₃ : TiO ₂ glasses	L. Srinivasa Rao, Ch. Sai Phani Kumar, K. Aruna Prabha, C. D. Naidu, and P. Raghavendra Rao	AIP Conference Proceedings	2020	0094-243X (print) 1551-7616 (web)
150	<i>Lack of Empathy: the Major Reason for Creating Marginal Men a Study of Rudyard Kipling's The Jungle Books and Shishir Kurup's Assimilation</i>	Dr. D. Sudha Rani, Dr. Rachel Irdaya Raj	International Journal of English: Literature, Language and Skills	2020	ISSN – 2278 0742 Vol 9, Special Issue 1
151	English Language Education as a Means to Promote Sustainable Development	Dr. K. Neelaveni	International Journal of Advanced Research	2020	ISSN: 2320-5407
152	A comparative study of the efficiency of chemical coagulation and electrocoagulation methods in the treatment of pharmaceutical effluent.	Dr. Jyotsna Cherukuri	Journal of Water Process Engineering	2020	ISSN: 2214-7144
153	<i>Computational technique for two parameter singularly perturbed parabolic convection-diffusion problem</i>	V Ganesh Kumar	Journal of Mathematical and Computational Science	2020	1927-5307
154	Graphical approach to index and retrieve semi-standard young tableaux (SSYT) for a partition of n	G. Sireesha	AIP Conference Proceedings 2246, 020018 (2020);	2020	ISSN: 00001984
155	Computational designing of Low energy band gap of New donor-acceptor (D-A) copolymer monomers for organic solar cells: DFT and TDDFT study	Dr. Sri Charitha Annam	Science and Technology Journal	2020	2321-3388
156	Influence of alkaline earths on EPR spectra of lithium borate glasses doped with Fe (III) ions	Ashok Bhogi and P. Kistaiah	Journal of Physics: Conference Series	2020	SSN: 1742-6588 (print); 1742-6596 (web)
157	Optical properties of lithium borate glasses co-doped with transition metal ions for Li-ion battery applications	P. Kistaiah B. Sai Charan, Ashok Bhogi	International E-Conference on Materials Processing & Characterization-2020	2020	
158	Dielectric and magnetic studies of Ni-Mg mixed ferrite by cubustion method	Dr. N. Suresh Kumar	AIP Conference Proceedings	2020	110043-06

159	A study of dielectric relaxation properties of Bi doped Zn ferrites synthesised by sol-gel combustion method	Dr. N. Suresh Kumar	ICMM-2019	2020	1495-012015
160	Use of Multimedia Technology for Teaching English to Young Learners			2020	
161	English Language Education as a Means to Promote Sustainable Development	Dr. K. Neelaveni	International Journal of Advanced Research	2020	ISSN: 2320-
162	Thermal Properties of Gallium Nitride ferrite /polypyrrole nanocomposites	I.Rajani,Dr.C.Udaya Kiran,Dr.V.Brahmaji Rao	AIP Conference Proceedings	2020	ISSN: 0094-243X (print); 1551-7616 (web)
163	Use of Multimedia Technology for Teaching English to Young Learners	Dr. K. Neelaveni	International Journal of English Language , Literature and Humanities	2019	2321-7065.
164	Optical properties of Sm ³⁺ doped strontium bismuth borosilicate glasses for laser applications	K.S.Rudramamba, DVK Reddy, TS Rao, SK Taherunnisa, N Veeraiah, ...	Optical materials	2019	ISSN: 0925-3467
165	JEFFREY FLUID IMPACT ON MHD FREE CONVECTIVE FLOW PAST A VERTICALLY INCLINED PLATE WITH TRANSFER EFFECTS: EFGM SOLUTIONS	R. Srinivasa Raju, G. Jithender Reddy, Anil kumar M, Gorla Rama Subba	International Journal of Fluid Mechanics Research	2019	ISSN Print:2152-5102
166	Pressure induced phase transformations in diisopropylammonium bromide	Shradhanjali Sahoo, TR Ravindran, V Srihari, KK Pandey, Sharat Chandra, C Thirnal, P Murugavel	Journal of Solid State Chemistry	2019	Print ISSN: 0022-4596 Online ISSN: 1095-726X

167	The Structural and warm light emission properties of Sm ³⁺ / Tb ³⁺ doubly doped strontium bismuth borosilicate glasses for LED applications	K.S.Rudramamba , S.K. Taherunnisa, D.V.Krishna Reddy, N.Veeraiah, M.Rami Reddy.	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy	2019	ISSN-1386- 1425
168	Impact of Ash Pond on the Groundwater Quality in the vicinity of a Coal-Based Thermal Power Plant	Dr. Jyotsna Cherukuri	Chemical Science Review and Letters 2019,8(31),125-131	2019	ISSN:2278- 6783
169	Effect of up-conversion luminescence in Er ³⁺ doped phosphate glasses for developing Erbium-Doped Fibre Amplifiers (EDFA) and G-LED's	SK Taherunnisa, D.V. Krishna Reddy, T. SambasivaRao, K.S. Rudramamba , Y.A. Zhydachevskyy, A. Suchocki, M. Piasecki, M. Rami Reddy	Optical Materials- X	2019	ISSN:2590- 1478
170	The composition and poling dependent photovoltaic studies in ferroelectric (Bi _{1-x} Sr _x)(Fe _{1-x} Ti _x)O ₃ thin films	P. P. Biswas; Ch. Thirimal;S. Pal; M. Miryala; M. Murakami , P. Murugavel	Journal of Materials Science: Materials in Electronics	2019	Electronic ISSN 1573-482X Print ISSN 0957-4522
171	Synthesis, Characterization and Biological activity of Novel 1,3,4-Oxaiozole Derivatives of 1,3-Dihydro-1-oxoisobenzofuran-5-carboxylic acid	N.Madhava Rao, T.Lakshmi Viveka, K.Mallikarjuna Raju, M.Thirumala Chary	Asian Journal of Chemistry	2019	

172	Impact of ash pond on Drinking water quality in the vicinity of thermal power plant	Padmavathi Papolu1*, Jyotsna Cherukuri1 and M Anji Reddy2	Chem Sci Rev Lett	2019	ISSN 2278-6783
173		Ashok Bhogi & P. Kistaiah	Journal of the Australian Ceramic Society	2019	Electronic ISSN 2510-1579 Print ISSN 2510-1560
174	mancipation of Women from Male Gaze: Changes in Representation of Women in Films.	K. Ashok.	Research Journal of English Language and Literature.	2019	ISSN:2456-2696
175	Influence of silica in performances characteristics of Asphalt mixes	B. Shravani, Ch.Ramesh, T.Rajani	Global journal of engineering science and researches	2019	ISSN 2348-8034
176	Asphalt mixes”.	N. Pothanna and P. Aparna	Journal of Porous Medium	2019	8034
177	Toroidal Properties of Polychromatic Quasi Crystals	G.Sireesha	International Journal of Innovative Technology and Exploring Engineering	2019	ISSN: 2278-3075, Volume-8 Issue-7
178	AC conductivity and polarization phenomenon of Li ₂ O–MoO ₃ –B ₂ O ₃ :V ₂ O ₅ glasses	L. Srinivasa Rao	Journal of Alloys and Compounds	2019	Print ISSN: 0925-8388; Online ISSN: 1873-4669
179	Computational technique for two parameter singularly perturbed parabolic convection-diffusion problem	V.Ganesh Kumar, Dr.K.Phaneendra	Journal of Mathematical and Computational Science	2019	ISSN: 1927-5307
180	Ternary Cu (II) complexes: synthesis, structural elucidation, and biological studies (DNA binding, cleavage, antibacterial, cytotoxicity)	L.N.Sharada, S.N.T.Sunita, Maryam Sabha, T.L.Viveka, Y.Aparna	Research on chemical intermediates	2019	

181	An Analysis and Mapping of Existing Test Items for Engineering Students in Select Affiliated Colleges in Telangana	Prativa Rani Saha, Dr. R. Kalpana	International Journal of Advance Research and Innovative Ideas in Education	2019	2395-4396
182	Cultural Anxieties about Women in the Public Sphere as Portrayed by Paulo Coelho in the Spy	Dr. S. Kanchana, Ms. Prativa Rani Saha	International Journal of Research and Analytical Reviews	2019	ISSN 2349-5138
183	International Journal of Innovative Technology and Exploring Engineering	G.Sireesha,	International Journal of Innovative Technology and Exploring Engineering	2019	
184	Energy transfer (Ce ³⁺ → Sm ³⁺) influence on PL emission of Ce ³⁺ /Sm ³⁺ co-doped barium gallium borosilicate glasses	TS Rao, DVK Reddy, SK Taherunnisa, K.S.Rudramamba , ASS Reddy, ...	Physica B: Condensed Matter	2019	ISSN: 0921-4526
185	Role of molybdenum ions in lead zinc phosphate glass system by means of dielectric studies	P. Venkateswara Rao, G. Naga Raju, P. Syam Prasad, T. Satyanarayana, L. Srinivasa Rao, F. Goumeidane	Materials Science-Poland	2019	eISSN2083-134X
186	Novel Pedagogical methods for Effective Learning of Chemistry in Engineering Education	P. Padmavathi K. Madhavi	Journal of applicable Chemistry	2019	ISSN: 2278-1862,
187	Occupational Stress among Information Technology Professionals in India: A Systematic Review of Literature	B.Prathyusha	International Journal of Scientific Research in Computer Science Applications and Management Studies	2019	2319-1953
188	Emerging Trends in Recruitment and Selection in India	B.Prathyusha	International Journal of Management, IT & Engineering	2019	2249-0558

189	Understanding Teacher Competencies for Effective Teaching Practices :A review of literature	Sikha Nayak	The International Journal of Emerging Technologies and Innovative Research (JETIR)	2019	2349-5162
190	EFFECT OF TiO ₂ MODIFIER OXIDE ON A B ₂ O ₃ GLASS SYSTEM	P. NARESH, A. CHITTI BABU, L. SRINIVASA RAO, G. NAGARAJU	i-manager's Journal on Physical Sciences	2019	NA
191	Structural and optical properties of zinc magnesium oxide nanoparticles synthesized by chemical co-precipitation	L Srinivasa Rao , TV Rao, S Naheed, PV Rao	Materials Chemistry and Physics 203, 133-140	2018	Online ISSN: 1879-3312; Print ISSN: 0254-0584
192	Madness and Death in Paulo Cohelo's Veronica decides to die	Dr. S. Kanchana, Prativa Rani Saha	International journal of English language ,Litterature in humanities	2018	2321-7065
193	Dipole pinning effect on photovoltaic characteristics of ferroelectric BiFeO₃ films	PP Biswas,C. Thirmal, S Pal, P Murugave	Journal of Applied Physics	2018	0021-8979, (E-ISSN) is 1089-7550
194	Evolution of morphology, ferroelectric, and mechanical properties in poly (vinylidene fluoride)–poly (vinylidene fluoride-trifluoroethylene) blends	G Suresh, G Mallikarjunachari, Sanjay Jatav, C. Thirmal, MS Ramachandra Rao, Dillip K Satapathy	Jornal of Applied Poymer Science	2018	Online ISSN: 1097-4628
195	Optical absorption and photoluminescence properties of vanadium ions in 'lithium-tungsten-borate' oxide glasses	L. Srinivasa Rao, V. Ravi Kumar, P. V. Rao, N. Veeraiah	Materials Today: Proceedings	2018	Online ISSN: 2214-7853
196	Portrayal of Realism and Confessionalism in Kamala Das's Poems: The Old Playhouse & An Introduction	Prativa Rani Saha , Dr. S. Kanchana	Journal of English	2018	

197	Development of Information Technology Industry in Hyderabad- Then to Now	B.Prathyusha	International Journal of basic and applied research	2018	2249-3352
198	Potent Antimicrobial Agents of 8-Aza-bicyclo[3.2.1]octyl hydrazide Derivatives: Synthesis and Biological Evaluation.	Dr.T.lakshmi Viveka	Asian Journal of Chemistry, Vol. 30, No. 9 , 2029-2034	2018	
199	Couple on a rotating permeable sphere in a couple stress fluid	P.Aparna,J V Ramana Murthy,G.Nagaraju	Ain Shams Engineering Journal	2018	2090-4479
200	viscous Fluid flow past a permeable cylinder	P Aparna, N Pothanna, JV Ramana Murthy	Lecture notes in Mechanical Engineering,proceedings of Numerical Heat Transfer and Fluid Flow	2018	21954356
201	Optimization of Temperature of a 3D Duct with the Position of Heat Sources Under Mixed Convection	V Ganesh Kumar,	Lecture notes in Mechanical Engineering,proceedings of Numerical Heat Transfer and Fluid Flow	2018	978-981-13-1903-7
202	Ferrotoroidal properties of ferroic species of quasi crystals	G.Sireesha	International Journal of Pure and Applied Mathematics	2018	ISSN: 1314-3395 (on-line version).
203	Optical absorption and FTIR studies of Cu ²⁺ ion doped in 25Li ₂ O-15BaO-(60-x) B ₂ O ₃ glasses	Ashok Bhogi, R Vijaya Kumar, P Kistaiah	IOP Conference Series: Materials Science and Engineering	2018	Online ISSN: 1757-899X Print ISSN: 1757-8981
204	Optical and structural evaluation of lithium strontium borate glasses doped with copper ions	Ashok Bhogi, P Kistaiah	Current Physical Chemistry	2018	ISSN (Print): 1877-9468 ISSN (Online): 1877-9476
205	EPR spectroscopic investigations in 15BaO-25Li ₂ O-(60-x) B ₂ O ₃ -xFe ₂ O ₃ glass system	Ashok Bhogi, R Vijaya Kumar, P Kistaiah	AIP Conference Proceedings	2018	ISSN: 0094-243X (print); 1551-7616 (web)

206	Alkaline earth lithium borate glasses doped with Fe (III) ions—an EPR and optical absorption study	Ashok Bhogi, P Kistaiah	Materials Today: Proceedings	2018	Online ISSN: 2214-7853
207	Studies on intrinsic conducting polymer nanocomposite with gallium nitride–doped ferrite, part – IV	I.Rajani,Dr.V.Brahma ji Rao, Dr.C.Udaya Kiran	IOP Material research express	2018	ISSN 2053- 1591
208	Studies on conducting nanocomposite with gallium nitride–doped ferrite, part – III Wasp-waist formation	I.Rajani,Dr.V.Brahma ji Rao, Dr.C.Udaya Kiran	AIP Conference Proceedings	2018	ISSN: 0094- 243X (print); 1551-7616 (web)
209	Studies on Hysteresis Parameters of gallium nitride doped ferrite/Polypyrrole nanocomposites”,	I.Rajani,Dr.V.Brahma ji Rao, Dr.C.Udaya Kiran	Materials Today: Proceedings	2018	2214-7853
210	The Image of America in Telugu Cinema: A Study of Cultural Implications	Dr.D.Sudha Rani	The Rupkatha Journal on Interdisciplinary Studies in Humanities	2018	E-ISSN 0975- 2935 I
211	Assessment of Water Quality of Himayatsagar lake in Hyderabad-A case study	Dr Jyotsna Cherukuri	Assessment of Water Quality of Himayatsagar lake in Hyderabad-A case study	2017	e-ISSN: 2319- 2402 Vol8 (07)
212	Electron paramagnetic resonance spectra of copper ion doped lithium barium borate glasses	Bhogi Ashok., Kumar R.V., Kistaiah P.	AIP Conference Proceedings	2017	ISSN: 0094- 243X (print); 1551-7616 (web)
213	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	Raju, R. Srinivasa; Reddy, B. Mahesh; Reddy, G. Jithender	JOURNAL OF NANOFLUIDS	2017	ISSN: 2169- 432X

214	J-O parameters versus photoluminescence characteristics of 40Li(2)O-4 MO (MO=Nb2O5, MoO3 and WO3)-55B(2)O(3):1Nd(2)O(3) glass systems	L. Srinivasa Rao, P. Venkateswara Rao, M. V. N. Vasu Deva Sharma, N. Veeraiah	OPTIK	2017	Print ISSN: 0030-4026; Online ISSN: 1618-1336
215	MHD casson viscous dissipative fluid flow past a vertically inclined plate in presence of heat and mass transfer: A finite element technique	Srinivasa Raju R., Jithender Reddy G., Anitha G.	Frontiers in Heat and Mass Transfer	2017	ISSN: 2151-8629
216	South Asian Diaspora Theatre: A Critical Review	Dr.D.Sudha Rani	Impression on line Journal of English Studies(international)	2017	ISSN:0974-892X
217	Application of Principles of Testing: A Study in the Context of Third Year Engineering Graduates	Prativa Rani, Dr. R. Kalpana	International Journal of Linguistics, Language and Culture (IJLLC)	2017	ISSN:0974-892X
218	Finite element solutions of free convective Casson fluid flow past a vertically inclined plate submitted in magnetic field in presence of heat and mass transfer	R Srinivasa raju, B. mahesh, G. Jithender Reddy	International Journal for Computational Methods in Engineering Science and Mechanics	2017	1550-2287
219	Influence of viscous dissipation on unsteady MHD natural convective flow of Casson fluid over an oscillating vertical plate via FEM	Jithender Reddy G., Srinivasa Raju R., Anand Rao J.	Ain Shams Engineering Journal	2017	2090-4479
220	Studies on conducting nanocomposite with gallium nitride-doped ferrite, part-II	Indrakanti, Rajani; Rao, V. Brahmaji; Kiran, C. Udaya	PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART N- JOURNAL OF NANOMATERIALS NANOENGINEERING AND NANOSYSTEMS	2017	2041-305X
221	Steady flow around a moving circular pipe in a thermo-viscous fluid in the absence of pressure gradient	Pothanna N., Aparna P., Srinivas J.	International Journal of Advanced Science and Technology	2017	2005-4238

222	UNSTEADY MHD HEAT TRANSFER IN COUETTE FLOW OF WATER AT 40C IN A ROTATING SYSTEM WITH RAMPED TEMPERATURE VIA FINITE ELEMENT METHOD	G. Jithender Reddy, R. Srinivasa Raju, J Anand Rao, Gorla Rama Subba Reddy	Int. J. of Applied Mechanics and Engineering,	2017	1734-4492
223	Flow generated by slow steady rotation of a permeable sphere in a micro-polar fluid	P.Aparna,N.Pothanna, J.V.Ramana Murthy,K.Srilatha	Alexandria Engineering Journal	2017	1110-0168
224	Thermal Diffusion and Diffusion Thermo impact on Chemical reacted MHD Free Convection from an Impulsively Started Infinite Vertical Plate embedded in a Porous Medium using FEM	J. Anand Rao 13. G.Jithender Reddy, R. Srinivasa Raju	Journal of Porous Media	2017	1934-0508
225	A numerical study of coupled non-linear equations of Thermo-viscous fluid flow in cylindrical geometry	N. Pothanna , P. Aparna and RSR Gorla	Int. J. of Applied Mechanics and Engineering	2017	ISSN 2353-9003
226	Unsteady Heat and Mass Transfer Flow of Cu-Water Nano-Fluid over an Inclined Plate with Free Convection and Chemical Reactions	V Ganesh Kumar	International Journal of Pure and Applied Mathematics	2017	118 No. 10 2018, 33-46 ISSN 1311-8080
227	Ferrotoroidal properties of Non-crystallographic point groups	G.Sireesha,S. Uma Devi CH. Yamini Sankar	IOP Conf. Series: Materials Science and Engineering Vol 225, 1	2017	ISSN: 1757-8981
228	Indexing Student Performance with Fuzzy Logics Evaluation in Engineering Education	N. Aruna Kumari ¹ , Dr. D.N.Rao ² , Dr. M. Sudhir Reddy ³	International Journal of Engineering Technology Science and Research	2017	ISSN 2394 – 3386
229	Steady Flow Around a Moving Circular Pipe in a Thermo-viscous Fluid in the Absence of Pressure Gradient	N. Pothanna, P. Aparna and J. Srinivas	International Journal of Advanced Science and Technology	2017	ISSN: 2005-4238,
230	Influence of viscous dissipation on unsteady MHD natural convective flow of Casson fluid over an oscillating vertical plate via FEM	Jithender Reddy G., Srinivasa Raju R., Anand Rao J.	Ain Shams Engineering Journal	2017	

231	Steady flow around a moving circular pipe in a thermo-viscous fluid in the absence of pressure gradient	Pothanna N., Aparna P., Srinivas J.	International Journal of Advanced Science and Technology	2017	
232	MHD casson viscous dissipative fluid flow past a vertically inclined plate in presence of heat and mass transfer: A finite element technique	Srinivasa Raju R., Jithender Reddy G., Anitha G.	Frontiers in Heat and Mass Transfer	2017	
233	Finite element analysis of diffusion effects on convective heat and the mass transfer of two fluids in a vertical channel	Babu B.S., Srinivas G., Srikanth G.V.P.N.	International Journal of Automotive and Mechanical Engineering	2017	
234	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	Raju, R. Srinivasa; Reddy, B. Mahesh; Reddy, G. Jithender	JOURNAL OF NANOFLUIDS	2017	
235	Studies on conducting nanocomposite with gallium nitride-doped ferrite, part-II	Indrakanti, Rajani; Rao, V. Brahmaji; Kiran, C. Udaya	PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART N- JOURNAL OF NANOMATERIALS NANOENGINEERING AND NANOSYSTEMS	2017	
236	J-O parameters versus photoluminescence characteristics of 40Li(2)O-4 MO (MO=Nb2O5, MoO3 and WO3)-55B(2)O(3):1Nd(2)O(3) glass systems	Rao, L. Srinivasa; Rao, P. Venkateswara; Sharma, M. V. N. Vasu Deva; Veeraiah, N.	OPTIK	2017	
237	Influence of viscous dissipation on unsteady MHD natural convective flow of Casson fluid over an oscillating vertical plate via FEM	Jithender Reddy G., Srinivasa Raju R., Anand Rao J.	Ain Shams Engineering Journal	2017	
238	Steady flow around a moving circular pipe in a thermo-viscous fluid in the absence of pressure gradient	Pothanna N., Aparna P., Srinivas J.	International Journal of Advanced Science and Technology	2017	

239	MHD casson viscous dissipative fluid flow past a vertically inclined plate in presence of heat and mass transfer: A finite element technique	Srinivasa Raju R., Jithender Reddy G., Anitha G.	Frontiers in Heat and Mass Transfer	2017	
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242	Studies on conducting nanocomposite with gallium nitride-doped ferrite, part-II	Indrakanti, Rajani; Rao, V. Brahmaji; Kiran, C. Udaya	PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART N- JOURNAL OF NANOMATERIALS NANOENGINEERING AND NANOSYSTEMS	2017	
243	J-O parameters versus photoluminescence characteristics of 40Li(2)O-4 MO (MO=Nb2O5, MoO3 and WO3)-55B(2)O(3):1Nd(2)O(3) glass systems	Rao, L. Srinivasa; Rao, P. Venkateswara; Sharma, M. V. N. Vasu Deva; Veeraiah, N.	OPTIK	2017	