

**USHA RAMA COLLEGE OF ENGINEERING AND TECHNOLOGY, TELAPROLU,
KRISHNA DIST (COLLEGE CODE: NG)**

List of Research publication

S. No.	Authors	Title of the Research paper	Name of the Journal	Volume No.	Issue No.	Page Nos.	Year of publication	Impact factor
1	K. Eliah	Vocabulary Learning Strategies: Expansion of the Knowledge of Vacabualry	Global journal for research analysis	8	2277-8160	124-132	2019	
2	K. Eliah	Vocabulary Learning strategies: Retention of Newly- Learned vocabulary	Indian Journal of Applied Research	9	2249	892-899	2019	
3	K. Tambi Babu, K. Eliah	The role of English Language in the Environment of Unprivileged	Research Journal of English	4	1	1024-1030	2019	
4	Md. Mustaq Ali	Unique common fixed point theorem for four maps in complex valued S-metric space	Bulletin of the International Mathematical virtual Institute	9	12	121-131	2019	
5	R.Vijay, P. Ramesh Babu	Spectroscopic and electrical investigations of copper ions in PbO–GeO ₂ glasses	Results in Physics	11		780–786	2018	2.147
6	P. Ramesh Babu, R.Vijay	Electrical and spectroscopic studies on ZnO–As ₂ O ₃ –Sb ₂ O ₃ glasses doped with Y ₂ O ₃	Materials Today: Proceedings	5		26356–26364	2018	
7	P. KISHORE, B.N. SRINIVAS	Extraction, characterization and CO ₂ Adsorption studies of Silica from rice husk	JOURNAL OF ULTRA CHEMISTRY	14	3	84-91	2018	

8	T. ANIL KUMAR, B.N. SRINIVAS	comparative study of catalytic functionalities of Ni/RHSiO ₂ and Ni/RHAC's for nitrobenzene hydrogenation	JOURNAL OF ULTRA CHEMISTRY	14		1-7	2018	
9	N. Vijaya	Influence of thermal radiation and thermophoresis on Casson fluid flow over a stretching sheet embedded in a doubly stratified medium	International Journal of Innovative Research in Science, Engineering and Technology	6		8-14	2017	
10	N. Vijaya	Nonlinear radiation effect on Casson fluid saturated non-Darcy porous medium	International Journal of Mathematical Archive	8	2	39-52	2017	
11	R. Vijay , P. Ramesh Babu	Spectroscopic Investigation on Zinc Oxy Fluoro Borate Glasses Doped with V ₂ O ₅	International Journal of Engineering Research & Technology (IJERT)	6		1096-1103	2017	
12	R. Vijay, P. Ramesh Babu,	Influence of tungsten ions valence states on electrical characteristics of quaternary lithium-antimony-lead-germanate glasses	Journal of Physics and Chemistry of Solids	107		108–117	2017	2.059
13	B.N.Srinivas, T.Anil Kumar, K.Subba Rao P.Kishore	Extraction of SiO ₂ from Rice Husk and activity studies of Ni-RHSiO ₂ catalysts for conversion of Levulinic acid to γ -Valerolactone	IOSR Journal of Applied Chemistry (IOSR-JAC)	10		95-100	2017	

14	B.N.Srinivas, P.Kishore, K.Subba Rao, T.Anil Kumar	Preparation of Surface Modified Activated Carbons from Rice Husk and CO ₂ Adsorption Studies	IOSR Journal of Applied Chemistry (IOSR-JAC)	10	11	54-60	2017	
15	B.N.Srinivas, K.Subba Rao, T.Anil Kumar, P.Kishore	Sterilization of Drinking Water By Silver Catalysts Supported on Activated Carbons	IOSR Journal of Applied Chemistry (IOSR-JAC)	10	11	67-72	2017	
16	K.Subba Rao, B.N.Srinivas , Anil Kumar. T, P.Kishore	Preparation of Activated Carbons from Rice Straw and hydrogenolysis of Glycerol over Activated Carbon Supported Ru Bi-Functional Catalysts	International Journal of Innovative Research in Science, Engineering and Technology	6	9	18657-18663	2017	
17	K.Subba Rao, B.N.Srinivas , Anil Kumar Turaka, P.Kishore	Catalytic Functionalities of Ru Supported on Activated Carbons Prepared from Rice Straw for Glycerol Hydrogenolysis	International Journal of Innovative Research in Science,Engineering and Technology	6	9	19475-19481	2017	
18	Anil Kumar Turaka, B. N. Srinivas, K. Subba Rao, P. Kishore	Dehydration of Alcohols Using Chromia Supported on Rice Husk Ash Catalysts	Journal of Chemistry and Chemical Sciences,	7	9	744-751	2017	
19	Anil Kumar Turaka, B. N. Srinivas , K. Subba Rao, P. Kishore	Comparitive CO ₂ Adsorption Studies of different Amine Functionalized Rice Husk Ash Samples	INTERNATIONAL JOURNAL OF ENGINEERING SCIENCES & RESEARCH TECHNOLOGY	6	9	276-282	2017	
20	P.Kishore, B.N.Srinivas , K.Subba	Carbon Dioxide Adsorption Studies of Rice	International Journal of	6	8	16017-	2017	

	Rao, Anil Kumar Turaka,	Husk Ash Prepared in Different Atmospheres	Innovative Research in Science,Engineering and Technology			16025		
21	P.Kishore, Anil Kumar Turaka, B.N.Srinivas K.Subba Rao	Study of Physical Properties of Bio-Waste Materials Like Rice Husk Ash Prepared In Different Atmospheres And Temperatures	International Journal of Recent Innovation in Engineering and Research	8	4	26-31	2017	
22	R. Vijay, P. Ramesh Babu,	Influence of γ -ray-induced effects on dielectric dispersion of CuO-doped calcium fluoroborophosphate glass system	Ionics	22		1625–1634	2016	2.062
23	B.N.Srinivas	Dissipation kinetics of spirotetramat and its metabolite in four different soils	ACAIJ	16(10)		433-440	2016	
24	B.N.Srinivas	Determination of Imazamox and Imazethapyr Herbicide Residues in Soybean oil	Der Pharma Chemica	8	8	102-107	2016	
25	B.N.Srinivas	Laboratory persistence study of bispyribac-sodium in acidic, neutral and basic water	International Journal of Current Research	8	10		2016	
26	Vijaya, N	Effect of magnetic field on the flow and heat transfer in a Casson thin film on an unsteady stretching surface in the presence of viscous and internal heating	Open Journal of Fluid Dynamics	6		303-320	2016	

27	Vijaya, N	Influence of Hall Currents on the Casson Fluid Flow due to an Exponentially stretching sheet with suction and convective boundary condition.	International Journal of Mathematical Archive.	7	1	63-73	2016	
28	R. Vijay, P.Ramesh Babu,	Dielectric dispersion and ac conduction phenomena of $\text{Li}_2\text{O}-\text{Sb}_2\text{O}_3-\text{PbO}-\text{GeO}_2:\text{Cr}_2\text{O}_3$ glass system	Materials Science in Semiconductor Processing	35		96-108	2015	2.359
29	P. Ramesh Babu, R. Vijay,	Spectroscopic and dielectric response of zinc bismuth phosphate glasses as a function of chromium content	Materials Research Bulletin	57		58-66	2014	2.446
30	R. Vijay, P. Ramesh Babu,	Molybdenum ion: a structural probe in lithium-antimony-germanate glass system by means of dielectric and spectroscopic studies	Journal of Materials Science	49		6203-6216	2014	2.599
31	R. Vijay, P. Ramesh Babu,	Influence of modifier oxide on dielectric dispersion and a.c. conduction phenomena of $\text{Li}_2\text{O}-\text{Sb}_2\text{O}_3-\text{GeO}_2$ glass system	Journal of Non-Crystalline Solids	386		67-75	2014	2.124
32	R. Vijay,	Influence of induced structural changes on thermoluminescence characteristics of γ -ray irradiated $\text{PbO}-\text{Al}_2\text{O}_3-\text{SiO}_2:\text{Dy}^{3+}$ glasses	Journal of Molecular Structure	1073		174-180	2014	1.753
33	P. Ramesh Babu	Role of sesquioxides on emission characteristics of Pr^{3+} ions in	Journal of Molecular Structure	1073		164-172	2014	1.753

		PbO–PbF ₂ –B ₂ O ₃ glass system						
34	R. Vijay, P. Rameshbabu,	Influence of copper ions on thermoluminescence characteristics of CaF ₂ –B ₂ O ₃ –P ₂ O ₅ glass system	Ceramics International	40		3707–3713	2014	2.814
35	P. Ramesh Babu, R. Vijay,	The influence of In ₂ O ₃ on electrical characteristics of iron mixed Li ₂ O–PbO–B ₂ O ₃ –SiO ₂ –Bi ₂ O ₃ multi-component glass system	Ceramic International	40		8311–8322	2014	2.814
36	P. Ramesh Babu	Spectroscopic and dielectric investigations of tungsten ions doped zinc bismuth phosphate glass-ceramics	Journal of Molecular Structure	1036		452-463	2013	1.753
37	P. Ramesh Babu, R. Vijay,	Influence of Ga ³⁺ ions on spectroscopic and dielectric features of multi component lithium lead boro bismuth silicate glasses doped with manganese ions”	Materials Research Bulletin	48		4618–4627	2013	2.446
38	K. Naveen kumar, P. Ramesh babu, R. Vijay,	Spectroscopic features of vanadium ions in LiF–NaF–P ₂ O ₅ glasses	International Journal of Engineering Research-Online	1	3		2013	
39	R. Vijay	Structural changes in the ZnF ₂ –Bi ₂ O ₃ –GeO ₂ glass system doped with Fe ₂ O ₃ by spectroscopic and dielectric investigations	Journal of Physics and Chemistry of Solids	74		963–970	2013	2.059
40	P. Ramesh Babu, R. Vijay,	Dielectric and Spectroscopic properties of CuO doped multi-	Journal of Non-Crystalline Solids	370		21–30	2013	2.124

		component Li ₂ O–PbO–B ₂ O ₃ –SiO ₂ – Bi ₂ O ₃ –Al ₂ O ₃ glass system						
41	R. Vijay, P. Ramesh Babu,	Influence of molybdenum ions on optical absorption, ESR and IR OF A ₂ O (A=Li, Na, K)-NaF-B ₂ O ₃ glass system	Optoelectronics and Advanced Materials – Rapid Communications	6		703–708	2012	
42	A. Madana Mohana Rao	Unsteady Free MHD Convection Flow Past A Vertical Porous Plate In Slip-Flow Regime Under Oscillatory Boundary Conditions	International Mathematical Archive (IJMA)	2	3	399-408	2011	
43	A. Madana Mohana Rao	Effect Of Thermal Dispersion And Viscous Dissipation On MHD Radiative Non-Darcy Mixed Convection In Fluid Saturated Porous Medium With Respect To The Performance Of A Second Order Fluid Past An Infinite Plate With Variable Suction Under The Influence Of Magnetic Field	International Journal of Mathematical archive	2	3	1-15	2011	4.091
44	A. Madana Mohana Rao	Unsteady Free MHD Convection Flow Past A Vertical Porous Plate In Slip-Flow Regime Under Oscillatory Boundary Conditions	International Mathematical Archive (IJMA)	2	3	399-408	2011	4.091
45	A. Madana Mohana Rao	Effect of Porosity and Time on Moving Infinite Vertical Plate with Uniform Heat Flux	International Journal of Physical Sciences (JUSP)	22	2	283-292	2010	
46	A. Madana Mohana Rao	Effect of Magnetic Field and Porosity on a Moving Infinite Vertical Plate with Uniform Heat Flux	International Journal of Emerging Technologies and Applications in	3	2	484-489	2010	

			Engineering, Technology and Sciences. (IJ-ETA_ETS)					
47	A. Madana Mohana Rao	Effects of Radiation And Mass Transfer On MHD Free Convection Flow Past An Impulsively Started Isothermal Vertical Plate With Viscous Dissipation	Journal of Computer and Mathematical Sciences (JCMS)	1	5	538-551	2010	4.655
48	A. Madana Mohana Rao	Effects of Radiation and Mass Transfer on MHD Free Convective Dissipative Fluid in the presence of HeatSource/Sink	Mathematics Applied in Science and Technology (MAST)	2	1	45-56	2010	
49	A. Madana Mohana Rao	Unsteady Free Mhd Convection Flow Past A Vertical Porous Plate In Slip-Flow Regime Under Fluctuating Thermal And Mass Diffusion	International Journal of Mathematics Research (IJMR)	2	1	105-117	2010	
50	B.N.Srinivas	Mixed oxide supported hydrodesulfurization catalysts- a review	Catalysis Today	86		45-60	2003	
51	B.N.Srinivas	Origin of Cracking Functionality of Sulfided (Ni) CoMo/SiO ₂ -ZrO ₂ Catalysts	Journal of catalysis	195		31-37	2000	
52	B.N.Srinivas	Performance of Mo Catalysts supported on TiO ₂ based binary supports for distillate Fuel Hydro processing,	Chemistry of Diesel and Fuels, Applied energy technology series, USA,2003	184		157-183	2000	
53	B.N.Srinivas	TiO ₂ -Al ₂ O ₃ Supported Tungsten sulphide based Hydrodesulfurization	American Chemical Society	45		361-365	2000	

		catalysts						
54	B.N.Srinivas	Support effect studies on TiO ₂ -Al ₂ O ₃ mixed oxide hydroprocessing catalysts	Studies in surface science and catalysis	113		497-506	1998	