

Number of research papers published per teacher in the Journals as notified on UGC CARE list during 2018-2019

S NO	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to the recognition in UGCenlistment of the Journal
1	Electrical Conductivity Studies on (1-x)[PVA/PVP]: x[MgCl ₂ {6H ₂ O}] Blend Polymer Electrolytes	SK Shahenoor Basha, K. VeeraBhadra reddy & M.C Rao	Physics	AIP Conference Proceedings	2018	0094-243X	https://ui.adsabs.harvard.edu/link_gateway/2018AIPC.1953e0002B/doi:10.1063/1.5032657
2	Optical Absorption Studies on Biodegradable PVA/PVPBlend Polymer Electrolyte System	SK Shahenoor Basha, K. VeeraBhadra reddy & M.C Rao	Physics	AIP Conference Proceedings	2018	0094-243X	https://ui.adsabs.harvard.edu/link_gateway/2018AIPC.1953e0003B/doi:10.1063/1.5032658
3	Spectroscopic Studies on Samarium Oxide (Sm ₂ O ₃)Doped Tungsten Tellurite Glasses	M.S Shekhawat,SK Shahenoor Basha& M.C Rao	Physics	AIP Conference Proceedings	2018	0094-243X	https://doi.org/10.1063/1.5032848
4	Dielectric Studies on PVA/PVP Blend PolymerElectrolyte Films	B.Ranjit Kumar,SK Shahenoor Basha & M.C Rao	Physics	AIP Conference Proceedings	2018	0094-243X	https://ui.adsabs.harvard.edu/link_gateway/2018AIPC.1953j0002K/doi:10.1063/1.5032938
5	Impedance Analysis on PVA/PVP: GO Blend Nanocomposite Polymer Films	M.C Rao,SK Shahenoor Basha & B.Ranjit Kumar	Physics	AIP Conference Proceedings	2018	0094-243X	https://ui.adsabs.harvard.edu/link_gateway/2018AIPC.1953j0003R/doi:10.1063/1.5032939

6	Role of Mn ²⁺ ions on optical and luminescent properties of LiF–Sb ₂ O ₃ –ZnO–B ₂ O ₃ –SiO ₂ glasses	G.Ravi Kumar, Ch Srinivasa Rao & M.C Rao	Physics	Optik	2018	0030-4026	http://dx.doi.org/10.1016/j.ijleo.2018.05.108
7	Role of Mn ²⁺ ions on optical and luminescent properties of CaF ₂ –Y ₂ O ₃ –ZnO–B ₂ O ₃ – SiO ₂ glasses	G.Ravi Kumar, S. Uday Kumar & M.C Rao	Physics	Results in Physics	2018	2211-3797	https://doi.org/10.1016/j.rinp.2018.05.046
8	Effect of Al ₂ O ₃ on structural and luminescent properties of neodymium (Nd ³⁺) doped lead germanate glasses	M.C Rao	Physics	Optik	2018	0030-4026	https://doi.org/10.1016/j.ijleo.2018.07.032
9	Effect of ZrO ₂ Nanofiller on Ionic Conductivity Studies of PVP-CH ₃ COONa.3H ₂ O Polymer Electrolyte Films	M.C. Rao, R.V.S.S.N. Ravikumar, M. Seshu Kumar, N.	Physics	AIP Conference Proceedings	2018	0094-243X	https://doi.org/10.1063/1.5047962
10	Structural and Luminescent Properties of Samarium Oxide (Sm ₂ O ₃) Doped Lead Fluoro Tungsten Tellurite Glasses	SK.Shahenoor Basha, D.V.Sathish, T.Srikumar, K. S.Srikanth, R.K.	Physics	AIP Conference Proceedings	2018	0094-243X	https://doi.org/10.1063/1.5047984
11	Effect of TiO ₂ Nanofiller on Structural Properties of PVP-CH ₃ COOK Based Solid Polymer Electrolytes	R.Naveen, K.Lakshmi, SK.Shahenoor Basha, K.S.Srikanth	Physics	AIP Conference Proceedings	2018	0094-243X	https://doi.org/10.1063/1.5047985
12	Grid Power Energy System for IoT Applications	M.Tanooj Kumar, K.S.Srikanth, Ch. Ranga Rao, K.Ramachandra	Physics	AIP Conference Proceedings	2018	0094-243X	https://doi.org/10.1063/1.5047986

13	Effect of Zinc Stannate Nanofiller on PVA-CH ₃ COONa Polymer Electrolyte for Humidity Sensor Application	M.C. Rao, T. Srikumar, D. V.Satish, J. Siva Rama	Physics	AIP Conference Proceedings	2018	0094-243X	https://doi.org/10.1063/1.5047987
14	Thermal and Optical Properties of Zinc Stannate Doped PVA Capped CH ₃ COONa Polymer Electrolyte Films	M.C Rao, SK Shahenoor Basha & K.S Srikanth	Physics	AIP Conference Proceedings	2018	0094-243X	https://doi.org/10.1063/1.5047988
15	Cr ³⁺ doped NaF-ZrO ₂ -B ₂ O ₃ -SiO ₂ glass ceramic materials for optoelectronic device Application	G.Ravikumar, M.Gopala Krishna & M.C Rao	Physics	Optik	2018	0030-4026	https://doi.org/10.1016/j.ijleo.2018.07.114
16	Structural and ionic conductivity studies of PVA/PVP:KNO ₃ composite polymer electrolyte films	M.C Rao, Ch Srinivasa Rao & T.Srikumar	Physics	Materials Today Proceedings	2018	2214-7853	https://doi.org/10.1016/j.matpr.2018.08.088
17	Dielectric studies on PVP-CH ₃ COONa based solid polymer electrolytes	M.Seshu Kumar & M.C Rao	Physics	Materials Today Proceedings	2018	2214-7853	https://doi.org/10.1016/j.matpr.2018.08.093
18	Absorption and emission features of Ho ³⁺ ion in Nb ₂ O ₅ mixed Lithium zirconium silicate glasses	T.Srikumar, Ch.Srinivasa Rao, M.C.Rao, R.Raja Priyanka,	Physics	Materials Today Proceedings	2018	2214-7853	https://doi.org/10.1016/j.matpr.2018.08.094
19	Influence of TiO ₂ on structural, luminescent and conductivity investigations of CaF ₂ -CaO-Y ₂ O ₃ -B ₂ O ₃ -P ₂ O ₅ glasses	M.C Rao & G.Ravi kumar	Physics	Optik	2019	0030-4026	https://doi.org/10.1016/j.ijleo.2018.10.163

20	Structural and electrochemical properties of ZrO ₂ doped PVP-Na ⁺ based nanocomposite polymer films	M.C. Rao, Ravindranadh Koutavarapu & K.Vijay Kumar	Physics	Materials Science Semiconing Processing	2019	1369-8001	https://doi.org/10.1016/j.mssp.2018.08.030
21	Structural and photoluminescence investigations of Cr ³⁺ mixed Li ₂ O-Bi ₂ O ₃ -ZrO ₂ -SiO ₂ glass ceramics for optoelectronic device application	G.Ravi kumar & M.C Rao	Physics	Optik	2019	0030-4026	http://dx.doi.org/10.1016/j.ijleo.2018.12.110
22	Effect of Some Modifier Ions in CuO Doped Sodium Borosilicate Antibacterial Bioglass	Y. SUDHAKAR, G. SAHAYA BASKARAN, P. SYAM	Physics	Asian Journal of Chemistry	2020	0970-7077	http://dx.doi.org/10.14233/ajchem.2021.23043
23	Optical and spectroscopic study as a tool to probe the role of modifier oxides on bioactive behavior of zirconia added sodium boro silicate glass system'	Y.Sudhakar, G.Sa haya Baskaran, V.Ravi Kumar, G.Little Flower,	Physics	Optical Materials	2019	0925-3467	https://doi.org/10.1016/j.optmat.2019.109451
24	Role of molybdenum ions in lead zinc phosphate glass system by means of dielectric studies	P. VENKATESWA RA RAO , G. NAGA RAJU ,	Physics	Materials Science- Poland	2018	0137-1339	https://ui.adsabs.harvard.edu/link_gateway/2018MatSP..36..623R/doi:10.2478/msp-2018-0074
25	Influence of strontium on structure, bioactivity and corrosion behaviour of B ₂ O ₃ -SiO ₂ -Na ₂ O-CaO glasses-investigation by spectroscopic methods	G.Jagan Mohini, N.Krishnamachar yulu, G.Sahaya Baskaran,	Physics	Optical Materials	2018	0925-3467	https://doi.org/10.1016/j.optmat.2018.07.024
26	In vitro degradation studies on bioactive calcium fluoroborophosphate glasses mixed with some modifier oxides-influence of therapeutically active vanadium ions	Ch. VijayaKumari, V.RaviKumar, P.Sobhanachalam	Physics	Materials Chemistry and Physics	2018	0254-0584	https://doi.org/10.1016/j.matchemphys.2017.11.029

27	The role of Ni ²⁺ ions on structural and spectroscopic properties of Li ₂ O–ZrO ₂ –Y ₂ O ₃ –SiO ₂ glass system	G.Ravi Kumar, T.Srikumar, G.Murali Krishna,	Physics	Journal of Non-Crystalline Solids	2018	0022-3093	https://doi.org/10.1016/j.jnoncrysol.2018.03.025
28	Investigation on silver doped B ₂ O ₃ - SiO ₂ - P ₂ O ₅ - Na ₂ O –CaO bioglass system for biomedical applications	N.Krishnamacharyulu, G.Jagan Mohini, G.Sahaya	Physics	Journal of Alloys and Compounds	2018	0925-8388	https://doi.org/10.1016/j.jallcom.2017.10.271
29	Influence of Ga ³⁺ ions on the Structure and in vitro bioactivity of B ₂ O ₃ –SiO ₂ –Na ₂ O–CaO glass system	GJ Mohini, N Krishnamacharyulu, DR Rao, GL Flower, GS	Physics	Materials Today: Proceedings	2018	2214-7853	https://doi.org/10.1016/j.matpr.2018.08.074
30	An in-vitro bioactive, structural and degradation studies on B ₂ O ₃ –SiO ₂ –P ₂ O ₅ –Na ₂ O–CaO glass system incorporated with chromium ions	N Krishnamacharyulu, G. jagan Mohini, G. Little	Physics	Materials Today: Proceedings	2018	2214-7853	https://doi.org/10.1016/j.matpr.2018.08.078
31	Influence of Mn ²⁺ ions on optical and electrical properties of Sb ₂ O ₃ mixed lithium fluoro borophosphate glasses	G. Ravi Kumar, T. Srikumar, M.C. Rao, P. Venkat Reddy,	Physics	Optik	2018	0030-4026	http://dx.doi.org/10.1016/j.ijleo.2018.02.039
32	Influence of strontium on structure, B ₂ O ₃ –SiO ₂ –Na ₂ O–CaO glasses-investigation by spectroscopic methods bioactivity and corrosion	G. Jagan Mohini, N. Krishnamacharyulu, G. Sahaya	Physics	Optical Materials	2018	0925-3467	http://dx.doi.org/10.1016/j.optmat.2018.07.024
33	The role of Ni ²⁺ ions on structural and spectroscopic properties of Li ₂ O–ZrO ₂ –Y ₂ O ₃ –SiO ₂ glass system	G. Ravi Kumara T. Srikumar, G.Murali Krishna, G. Sahaya	Physics	Journal of Non-Crystalline Solids	2018	0022-3093	https://doi.org/10.1016/j.jnoncrysol.2018.03.025

34	Spectroscopic, dielectric dispersion and dc conductivity studies of Sb ₂ O ₃ doped lithium fluoro borophosphate glasses mixed with small concentrations of NiO	G. Ravi Kumar , M. Koteswara Rao T. Srikumar M.C. Rao, V.	Physics	Journal of Alloys and Compounds	2018	0925-8388	http://dx.doi.org/10.1016/j.jallcom.2018.04.165
35	Influence of cobalt ions on spectroscopic and dielectric properties of Sb ₂ O ₃ doped lithium fluoroborophosphate glasses	G Ravi Kumar T Srikumar M C Rao, P Venkat Reddy	Physics	MRX	2018	2053-1591	https://ui.adsabs.harvard.edu/link_gateway/2018MRE.....5e5203K/doi:10.1088/2053-1591/aab4e6
36	Role of Mn ²⁺ ions on optical and luminescent properties of LiF–Sb ₂ O ₃ –ZnO–B ₂ O ₃ –SiO ₂ glasses	G. Ravi Kumar, Ch. Srinivasa Rao, M.C. Rao	Physics	Optik	2018	0030-4026	https://doi.org/10.1016/j.ijleo.2018.05.108
37	Equilibrium and kinetic studies of the adsorption of acid blue 9 and Safranin O from aqueous solutions by MgO decorated FLG coated Fuller's earth, Journal of Physics and Chemistry of Solids 123 (2018) 43–51	Y. Subba Reddy, C. Maria Magdalane, K. Kaviyarasu,	Chemistry	Journal of Physics and Chemistry of Solids	2018	0022-3697	https://doi.org/10.1016/j.jpics.2018.07.009
38	Theoretical model of a nematogen : Estimation of phase stability , absorption , electrochemical and nonlinear optical properties	Dr. T. Jaison Jose	Chemistry	Polish Academy of Sciences-Institute of Physics	2018	1898-794X	http://dx.doi.org/10.12693/APhysPolA.134.512
39	Theoretical study on ultraviolet profile and chemical reactivity descriptors of fluorinated liquid crystals: Effect of end chain length and substituent	Dr. T. Jaison Jose	Chemistry	Taylor & Francis	2019	0307-1022	https://doi.org/10.1080/15421406.2018.1518661

40	Quantum and Thermodynamic estimation of mesostate behaviour of alkyl benzoic acids in dielectric medium:Comparitive study	Dr. T. Jaison Jose	Chemistry	Springer	2019	2193-1801	http://dx.doi.org/10.1007/s13369-019-03791-0
41	Prediction of Speeds of Sound in the Binary Mixtures of Ethyl Lactate with Cyclohexanone, Cyclohexylamine and Cyclohexanol at 303.15 K	r. K. Rayapa Redd	Chemistry	JOAc	2019	ISSN: 2278-1862	http://www.joac.info/AbstractPaper/2019/42-8-2-29-32A.pdf
42	Vapor-Liquid Equilibrium Studies of the Binary Liquid Mixtures of Ethyl lactate with Amino-, Chloro- and Phenyl-ethanols	r. K. Rayapa Redd	Chemistry	JOAC	2019	2278-1862	http://www.joac.info/ContentPaper/2019/44-8-2-36-34.pdf
43	One-pot three-component tandem reaction:synthesis of aryl/alkyl cyanamides libraries and their further conversion into tetrazole derivatives, in synthetic communications.	UshaRani Mandapati	Chemistry	Synthetic Communications	2018	1532-2432	http://dx.doi.org/10.1080/00397911.2017.1402349
44	Synthesis of cyanamides libraries and further conversion into tetrazole compounds via click chemistry.	UshaRani Mandapati	Chemistry	Heterocyclic Letters	2018	0039-7911	http://www.tandfonline.com/action/showCitFormats?doi=10.1080/00397911.2017.1402349
45	An Improved Rayleigh model for Software Defect Prediction	Ms Lavanya Adusumilli Dr. R.Satya Prasad	Computers	Journal of Information and Computational Science	2019	1548-7741	https://www.researchgate.net/publication/289329441_An_improved_software_defect_prediction_model
46	Enhanced Top Text Mining using NLP and AI Techniques	Dr. K.B.S Sastry,S.A.B Nehru	Computers	international journal of research in electronics and computer engineering	2018		

47	Web Pages Clustering Using Enhanced Style Similarity	Dr. K.B.S Sastry,S.A.B Nehru	Computers	International Journal for Research in Engineering Application &	2018		
48	Review on Political using Social Media	Dr. K.B.S Sastry,S.A.B Nehru	Computers	International Journal for Development of Computer Science and Technology	2018		
49	IMPACT OF E-RECRUITMENT ON HUMAN RESOURCES PRACTICES	H.VARALAKSH	Statistics	International journal of advanced research	2018	2320-5407	https://www.academia.edu/37090965/IMPACT_OF_E_RECRUITMENT_ON_HUMAN_RESOURCES_PRACTICES
50	AN EMPIRICAL STUDY ON YOUTH PERCEPTION TOWARDS ENTREPRENEURSHIP WITH REFERENCE TO VIJAYAWADA CITY	H.VARALAKSH	Statistics	International journal of advanced research	2019	2320-5407	https://www.journalijar.com/article/26235/an-empirical-study-on-youth-perception-towards-entrepreneurship-with-reference-to-vijayawada-city/
51	INFLUENCE OF CONSUMER PROFILE ON ADOPTION OF FINTECH PRODUCTS WITH REFERENCE TO VIJAYAWADA CITY, AP	H.VARALAKSH	Statistics	International journal of Recent technology and Engineering	2019	2320-5407	https://www.ijrte.org/wp-content/uploads/papers/v7i5s4/E10950275S419.pdf
52	COGNITIVE COMPUTATIONAL MODEL FOR EVALUATION FOR FINTECH PRODUCTS AND SERVICES WITH REFERENCE TO VIJAYAWADA CITY , AP	H.VARALAKSH	Statistics	International journal of innovative technology and Exploring Engineering	2019	2320-5407	https://www.ijitee.org/wp-content/uploads/papers/v8i10/I90740881019.pdf
53	AN EMPIRICAL STUDY ON USERS PERCEPTION TOWARDS ADOPTION OF DIGITAL PAYMENT METHODS WITH REFERENCE TO VIJAYAWADA CITY , AP	H.VARALAKSH	Statistics	Kala Sarovar	2019	2320-5407	https://www.researchgate.net/publication/372720024_Kala_Sarovar_AN_EMPIRICAL_STUDY_ON_USERS_PERCEPTION_TOWARDS_ADOPTION_OF_DIGITAL_PAYMENT_ME

54	The Role of Women Characters in the Plays of Shakespeare	R T SAI MAMAT	English	Research Journal of English	2018	2456-2696	https://portal.issn.org/resource/ISSN/2456-2696
55	Images of Women in Modern Creative Writings	R T SAI MAMAT	English	Research Journal of English	2018	2456-2696	https://portal.issn.org/resource/ISSN/2456-2696
56	Absorbing Multi Linguistic Cultures through Translations	R T SAI MAMAT	English	Bodhi International Journal of Research in Humanities	2018	2456-5571	https://portal.issn.org/resource/ISSN/2456-5571#:~:text=ISSN%202456%2D5571%20(Online),and%20science%20%7C%20The%20ISSN%20Portal
57	Chimeras in Time-Honoured Societies on “Emerging Trends in English Language Teaching and Literature	R T SAI MAMAT	English	Think India	2018	0971-1260	https://thinkindiaquarterly.org/
58	Sagacious Creation of Modern Women Characters	L.Subha	English	Research Journal of English	2018	2456-2696	https://portal.issn.org/resource/ISSN/2456-2696
59	A Move to Upkeep the Contemporary Humanoid Relations	L.Subha	English	Think India	2018	0971-1260	https://thinkindiaquarterly.org/
60	The Role of Women Characters in the Plays of Shakespeare	L.Subha	English	Research Journal of English	2018	2456-2696	https://portal.issn.org/resource/ISSN/2456-2696

61	Mahasweta Devi plays Render Voice to the voicelss: Acritical study	Dr Raju	English	ijrar	2018	2348-1269	https://ijrar.org/archive.php?vol=5&issue=4#:~:text=ANALYTICAL%20REVIEWS%20(IJRAR)-,E%2DISSN%202348%2D1269%2C%20P%2D%20ISSN%202349%2D2
62	“A STUDY ON MANAGING WORKPLACE RELTIONS”,	P.RAMESH	MBA	Journal of Emerging Technologies and Innovative Research	2018	2349-5162	http://www.jetir.org/papers/JETIR1812375.pdf
63	A PAPER ON THE BIGGEST TAX REFORM ININDIA”,	P.RAMESH	MBA	Journal of Emerging Technologies and Innovative Research	2018	2349-5162	https://www.jetir.org/papers/JETIR1907955.pdf
64	SECURITIES [GILT-EDGED] IN INDIA”	P.RAMESH	MBA	International Journalof Research in Humanities, Arts and	2019	2349-5162	https://www.impactjournals.us/index.php/journals/international-journals/international-journal-of-research-in-humanities-arts-and-literature
65	STRENGTHEN THE INDIAN ECONOMY THROUGH CASHLESS	P.RAMESH	MBA	Journal of Emerging Technologies and Innovative Research	2019	2349-5162	https://www.jetir.org/
66	LANGUAGE IMPACT ON LITERATURE AND CULTURE, IN THE INDIAN CONTEXT”	P.RAMESH	MBA	Journal of English Language and Literature [JOELL]	2018	2349-9753	https://joell.in/wp-content/uploads/2018/11/21-23-TECHNOLOGICAL-INFLUENCE-ON-ENGLISH-LANGUAGE.pdf

67	A STUDY ON MANAGING WORKPLACE RELTIONS	P.RAMESH	MBA	Journal of Emerging Technologies and Innovative Research	2018	2349-5162	https://www.jetir.org/papers/JETIR1812375.pdf
68	Soft rot of Jackfruit (<i>Artocarpus heterophyllus</i>) by <i>Rhizopus artocarpi</i> (Berk. & Broome) Boedijn, in AndhraPradesh, India.	Dr Praveen Kumar	Botany	Annals of PlantSciences	2018	2287-688X	https://doi.org/10.21746/aps.2018.7.11.2
69	Bio-Ethanol Fuel production by White Rot Fungi for future Energy Needs and Economy.	Dr Praveen Kumar	Botany	International Journal of Creative Research Thoughts (IJCRT)	2018	2320-2882	https://ijcrt.org/papers/IJCRT1892203.pdf
70	Aero-mycoflora of Amaravati Capital of Andhra Pradesh	Dr Praveen Kumar	Botany	Journal of Biodiversity and Environmental Sciences (JBES)	2018	2220-6663	https://www.innspub.net/wp-content/uploads/2022/05/JBES-V12-No6-p223-230.pdf
71	Floristics and plaeoecological implications of the early Cretaceous sequences of Krishna-Godavari basin, eastcoast of India.	Dr Ch Chinnappa	Botany	Geobiodiversita	2018	1412-033X	https://sciencepress.mnhn.fr/en/periodiques/geodiversitas/40/12
72	Floristics and plaeoecological implications of theJurassic sequences of India	Dr Ch Chinnappa		Volumina Jurassica	2018	1896-7876	https://doi.org/10.5252/geodiversitas2018v40a12
73	Protaxodioxylon from the Late Jurassic to Early Cretaceous Kota Formation, Pranhita-Godavari Basin, India.	Dr Ch Chinnappa	Botany	Palaeontological Journal	2018	0031-0301	https://link.springer.com/article/10.1134/S0031030119110029#:~:text=The%20xyotomy%20of%20the%20silicified,and%20taxodioid%20cross%2Dfield%20pits.

74	Mesozoic woods from India: Nomenclatural review and palaeoclimatic implications.	Dr Ch Chinnappa	Botany	Palaeoworld	2018	1871-174X	https://doi.org/10.1016/j.palwor.2017.12.004
75	OPTIMIZATION OF CULTURAL PARAMETERS FOR ENHANCED BIOMASS PRODUCTION OF BIOACTIVE METABOLITE BY ALCALIGENES FACALLIS VUBC M20 ISOLATED FROM	K BALACHANDR A	Microbiology	JOURNAL OF PHARMACEUTICAL CHEMICAL AND BIOLOGICAL	2018	2348-7658	https://journals.indexcopernicus.com/journal/50105
76	Estimation of high and low UV intensity profiles of mesogenic oxovanadium (IV) salen complexes : Doubling effect of homologue number	Dr. T. Jaison Jose	Chemistry	Molecular Crystals and Liquid Crystals	2018	1542-1406	https://ui.adsabs.harvard.edu/link_gateway/2017MCLC..650...46J/doi:10.1080/15421406.2017.1328216
77	Pest Management using Machine Learning Algorithms :A Review	R.P.L.DURGAB AI	MBA	International Journal of Computer Science Engineering and Information	2018	2349-5162	https://ssrn.com/abstract=3225758
78	Big Data for Analysis of Commonly Cultivated Crops in Andhra Pradesh	R.P.L.DURGAB AI	MBA	International Conference on Mobile Cloud Computing Communication and	2018	1314-3395	https://acadpubl.eu/hub/2018-120-6/4/320.pdf