

**Number of research papers published per teacher in the Journals as notified on UGC CARE list during 2019-2020**

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 UGC enlistment of the Journal
1	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	G.Sahaya Baskaran	Physics	Optical Materials	2019	0925-3467	<a href="https://doi.org/10.1016/j.optmat.2019.109451">https://doi.org/10.1016/j.optmat.2019.109451</a>
2	Physical, Structural and Optical Properties of Chromium Doped Antimony Borate Glass System	CH.Srinivasu	Physics	AIP Conference Proceedings	2019	0094-243X	<a href="https://doi.org/10.1063/1.5100420">https://doi.org/10.1063/1.5100420</a>
3	FTIR Spectroscopic Studies with Thermo Acoustical Parameters in Binary Liquid Mixtures at Different Temperatures	CH.Srinivasu	Physics	Journal of Molecular Liquids	2019	0167-7322	10.1088/1742-6596/1172/1/012044
4	Optical and Luminescence Properties of sm <sup>3+</sup> (0.5%) doped bao-b <sub>2</sub> o <sub>3</sub> glass	CH.Srinivasu	Physics	International Journal of Recent Scientific Research	2019		<a href="http://www.recentscientific.com/optical-and-luminescence-properties-sm3-05-doped-bao-b2o3-glass">http://www.recentscientific.com/optical-and-luminescence-properties-sm3-05-doped-bao-b2o3-glass</a>
5	Optical and Luminescence Properties of Dy <sup>3+</sup> (0.5%) doped Bismuth Borate (BiB) Glass	CH.Srinivasu	Physics	JETIR	2019	ISSN: 2349-5162	<a href="https://www.jetir.org/papers/JETIR1906G47.pdf">https://www.jetir.org/papers/JETIR1906G47.pdf</a>
6	Physical, Optical and Luminescence Properties of Dy <sup>3+</sup> doped Antimony Borate glass system	CH.Srinivasu	Physics	Pramana Research Journal	2019	ISSN NO: 2249-2976	<a href="https://pramanaresearch.org/">https://pramanaresearch.org/</a>

7	Excess Acoustical Study of Binary Liquid Mixture with Experimental Parameters at Different Temperatures	CH.Srinivasu	Physics	Research & Reviews: Journal of Physics	2019	ISSN: 2278–2265	Research & Reviews: Journal of Physics. 2019; 8(2): 101–107p.
8	Mixed alkali effect on borosilicate glass structure with vanadyl ion as spin probe Mater	CH.Srinivasu	Physics	Materials Research Express	2020	ISSN: 2053-1591	10.1088/2053-1591/ab67f6
9	Characteristic IR-acoustical analysis and surface tension variations in organic liquid mixtures at different temperatures	CH.Srinivasu	Physics	Science Direct- Materials Today: Proceedings 18 (2019)	2019	2214-7853	<a href="https://doi.org/10.1016/j.matpr.2019.05.464">https://doi.org/10.1016/j.matpr.2019.05.464</a>
10	Thermal and transport properties of liquid mixtures—An analogy of molecular interactions	CH.Srinivasu	Physics	Science Direct- Materials Today: Proceedings 18 (2019)	2019	2214-7853	<a href="https://doi.org/10.1016/j.matpr.2019.05.435">https://doi.org/10.1016/j.matpr.2019.05.435</a>
11	Physical parameters and structural analysis of titanium doped binary boro silicate glasses by spectroscopic techniques	CH.Srinivasu	Physics	Materials Today: Proceedings	2019	2214-7853	<a href="https://doi.org/10.1016/j.matpr.2019.06.263">https://doi.org/10.1016/j.matpr.2019.06.263</a>
12	Computational studies of molecular interactions in the binary mixtures of ethyl lactate and nitro-, chloro- and bromo-benzenes	Dr.G.Srinivasa Rao	Physics	international Journal: Materials Today: Proceedings	2019	2214-7853	<a href="https://doi.org/10.1016/j.matpr.2019.04.202">https://doi.org/10.1016/j.matpr.2019.04.202</a>
13	Vapor-Liquid Equilibrium Studies of the Binary Liquid Mixtures of Ethyl lactate with Amino-, Chloro- and Phenyl-ethanols	Dr.G.Srinivasa Rao	Physics	Journal of Applicable Chemistry	2019	ISSN: 2278-1862	<a href="http://www.joac.info/ContentPaper/2019/44-8-2-36-34.pdf">http://www.joac.info/ContentPaper/2019/44-8-2-36-34.pdf</a>

14	Correlation between Experimental and Theoretical Ultrasonic Velocities in Binary Mixtures of Furfuryl Alcohol with Glycols at 303.15 K	Dr.G.Srinivasa Rao	Physics	Journal of Applicable Chemistry	2019	ISSN: 2278-1862	<a href="http://naac.diet.ac.in/criterias/criteria-3/3.3.4/DHAN_BS&amp;H_K.A.SASIK_A_LA_ACOU_2018-19.pdf">http://naac.diet.ac.in/criterias/criteria-3/3.3.4/DHAN_BS&amp;H_K.A.SASIK_A_LA_ACOU_2018-19.pdf</a>
15	Prediction of Speeds of Sound in the Binary Mixtures of Ethyl Lactate with Cyclohexanone, Cyclohexylamine and Cyclohexanol at 303.15 K	Dr.G.Srinivasa Rao	Physics	Journal of Applicable Chemistry	2019	ISSN: 2278-1862	<a href="http://www.joac.info/AbstractPaper/2019/42-8-2-29-32A.pdf">http://www.joac.info/AbstractPaper/2019/42-8-2-29-32A.pdf</a>
16	Excess Thermodynamic and other Allied Parameters in the Binary Mixtures of p-Xylene with Benzyl benzoate as Common Component	Dr.G.Srinivasa Ra	Physics	Journal of Applicable Chemistry	2019	ISSN: 2278-1862	<a href="http://www.joac.info/ContentPaper/2019/44-8-2-36-34.pdf">http://www.joac.info/ContentPaper/2019/44-8-2-36-34.pdf</a>
17	Ultrasonic study of Velocity in the Binary Mixtures of p-Xylene with Benzyl benzoate as Common Component	Dr.G.Srinivasa Rao	Physics	Journal of Applicable Chemistry	2019	ISSN: 2278-1862	<a href="http://naac.diet.ac.in/criterias/criteria-3/3.3.4/DHAN_BS&amp;H_K.A.SASIK_A_LA_ACOU_2018-19.pdf">http://naac.diet.ac.in/criterias/criteria-3/3.3.4/DHAN_BS&amp;H_K.A.SASIK_A_LA_ACOU_2018-19.pdf</a>
18	Acoustic and Volumetric Studies of the Binary Mixtures of Furfuryl Alcohol with Ethylene-, Diethylene- and Triethylene-Glycols at 303.15K	Dr.G.Srinivasa Rao	Physics	Journal of Applicable Chemistry	2019	ISSN: 2278-1862	<a href="https://diet.ac.in/wp-content/uploads/2022/07/Dr.M.Silpa.pdf">https://diet.ac.in/wp-content/uploads/2022/07/Dr.M.Silpa.pdf</a>
19	Study and Characterization of Li and Co, Co-Doped ZnO Micro Structures	Dr.G.Srinivasa Ra	Physics	Journal of Applicable Chemistry	2019	ISSN: 2278-1862	<a href="http://www.joac.info/ContentPaper/2019/44-8-2-36-34.pdf">http://www.joac.info/ContentPaper/2019/44-8-2-36-34.pdf</a>
20	Excess thermodynamic and other Allied parameters in the binary mixtures of 2-phenoxy ethanol with benzyl benzoate as common component	Dr.G.Srinivasa Rao	Physics	Journal of Emerging Technologies and Innovative Research	2019	ISSN : 2349-5162	<a href="https://www.jetir.org/certificatemanager.php?a_rid=218907">https://www.jetir.org/certificatemanager.php?a_rid=218907</a>

21	Computational studies of molecular interactions in the binary mixtures of ethyl lactate and nitro-, chloro- and bromo-benzene	Mr. PVS Sairam	Physics	Materials Today: Proceedings	2019	2214-7853	<a href="http://dx.doi.org/10.1016/j.matpr.2019.04.202">http://dx.doi.org/10.1016/j.matpr.2019.04.202</a>
22	Vapor-Liquid Equilibrium Studies of the Binary Liquid Mixtures of Ethyl lactate with Amino-, Chloro- and Phenyl-ethanols	Mr. PVS Sairam	Physics	Journal of Applicable Chemistry	2019	ISSN: 2278-1862	<a href="http://www.joac.info/ContentPaper/2019/44-8-2-36-34.pdf">http://www.joac.info/ContentPaper/2019/44-8-2-36-34.pdf</a>
23	Correlation between Experimental and Theoretical Ultrasonic Velocities in Binary Mixtures of Furfuryl Alcohol with Glycols at 303.15 K	Mr. PVS Sairam	Physics	Journal of Applicable Chemistry	2019	ISSN: 2278-1862	<a href="http://naac.diet.ac.in/criterias/criteria-3/3.3.4/DHAN_BS&amp;H_K.A.SASIK_A_LA_ACOU_2018-19.pdf">http://naac.diet.ac.in/criterias/criteria-3/3.3.4/DHAN_BS&amp;H_K.A.SASIK_A_LA_ACOU_2018-19.pdf</a>
24	Prediction of Speeds of Sound in the Binary Mixtures of Ethyl Lactate with Cyclohexanone, Cyclohexylamine and Cyclohexanol at 303.15 K	Mr. PVS Sairam	Physics	Journal of Applicable Chemistry	2019	ISSN: 2278-1862	<a href="http://www.joac.info/AbstractPaper/2019/42-8-2-29-32A.pdf">http://www.joac.info/AbstractPaper/2019/42-8-2-29-32A.pdf</a>
25	Excess Thermodynamic and other Allied Parameters in the Binary Mixtures of p-Xylene with Benzyl benzoate as Common Component	Mr. PVS Sairam	Physics	Journal of Applicable Chemistry	2019	ISSN : 2349-5162	<a href="https://www.jetir.org/certificatemanager.php?a_rid=218907">https://www.jetir.org/certificatemanager.php?a_rid=218907</a>
26	Ultrasonic study of Velocity in the Binary Mixtures of p-Xylene with Benzyl benzoate as Common Component	Mr. PVS Sairam	Physics	Journal of Applicable Chemistry	2019	ISSN: 2278-1862	<a href="http://naac.diet.ac.in/criterias/criteria-3/3.3.4/DHAN_BS&amp;H_K.A.SASIK_A_LA_ACOU_2018-19.pdf">http://naac.diet.ac.in/criterias/criteria-3/3.3.4/DHAN_BS&amp;H_K.A.SASIK_A_LA_ACOU_2018-19.pdf</a>
27	Acoustic and Volumetric Studies of the Binary Mixtures of Furfuryl Alcohol with Ethylene-, Diethylene- and Triethylene-Glycols at 303.15K	Mr. PVS Sairam	Physics	Journal of Applicable Chemistry	2019	ISSN: 2278-1862	<a href="https://diet.ac.in/wp-content/uploads/2022/07/Dr.M.Silpa.pdf">https://diet.ac.in/wp-content/uploads/2022/07/Dr.M.Silpa.pdf</a>

28	Study and Characterization of Li and Co, Co-Doped ZnO Micro Structures	Mr. PVS Sairam	Physics	Journal of Applicable Chemistry	2019	ISSN: 2278-1862	<a href="http://www.joac.info/ContentPaper/2019/44-8-2-36-34.pdf">http://www.joac.info/ContentPaper/2019/44-8-2-36-34.pdf</a>
29	Spectroscopic and electrochemical investigations on $\text{LiCr}_x\text{Mn}_{2-x}\text{O}_4$ cathodes for rechargeable battery application	M C Rao, M V Basaveswara Rao & T Satyanarayana	Physics	Materials Reserch Express	2019	ISSN: 2053-1591	10.1088/2053-1591/ab1d1e
30	Structural, optical and luminescence properties of $\text{Cu}^{2+}$ doped Ca-Li hydroxyapatite nanopowders prepared by mechanochemical synthesis	M.C Rao	Physics	Materials Research Express	2019	ISSN: 2053-1591	10.1088/2053-1591/ab39ed
31	Effect of $\text{Al}_2\text{O}_3$ on structural and dielectric properties of PVP- $\text{CH}_3\text{COONa}$ based solid polymer electrolyte films for energy storage devices	M.C Rao	Physics	Heliyon	2019	ISSN 2405-8440	<a href="https://doi.org/10.1016/j.heliyon.2019.e02727">https://doi.org/10.1016/j.heliyon.2019.e02727</a>
32	Optical studies of n-octyloxy-cyanobiphenyl (8ocb) with dispersed ZnO nanoparticles for display device application	M.C Rao	Physics	Optik	2019	0030-4026	<a href="https://doi.org/10.1016/j.ijleo.2019.04.060">https://doi.org/10.1016/j.ijleo.2019.04.060</a>
33	Effect of ZnO nanoparticles dispersed in liquid crystalline p-n-propoxy/propyl benzoic acids and mixtures – optical studies	M.C Rao	Physics	Molecular Crystals Liquid Crystals	2019	ISSN 1542-1406	<a href="https://doi.org/10.1080/15421406.2019.1670942">https://doi.org/10.1080/15421406.2019.1670942</a>
34	Spectroscopic studies on liquid crystalline nhexyloxy- cyanobiphenyl with dispersed citrate capped gold nanoparticles in visible region	M.C Rao	Physics	Liquid Crystals	2019	0267-8292	<a href="http://dx.doi.org/10.1080/02678292.2019.1688874">http://dx.doi.org/10.1080/02678292.2019.1688874</a>

35	Impact of Agrometeorological Parameters over Bihar and Jharkhand Regions for the Year 2018	M.C Rao	Physics	Journal of Critical Reviews	2019	ISSN 2394-5125	<a href="http://dx.doi.org/10.31838/jcr.06.05.48">http://dx.doi.org/10.31838/jcr.06.05.48</a>
36	Influence of Convective Weather Related Parameters on Rainfall over Virajpet Region on 26th April, 2013.	M.C Rao	Physics	Journal of Critical Reviews	2019	ISSN 2394-5125	<a href="https://www.jcreview.com/">https://www.jcreview.com/</a>
37	Impact of Atmospheric Stability Indices on Convective Systems over India and Srilanka	M.C Rao	Physics	International Journal of Recent Technology and Engineering	2019	2277-3878	<a href="http://creativecommons.org/licenses/by-nc-nd/4.0/">http://creativecommons.org/licenses/by-nc-nd/4.0/</a>
38	Spectroscopic studies on Cr <sup>3+</sup> doped ZnCdO nanostructures for optoelectronic device Application	D.V. Satish, R.V.S.S.N. Ravikumar, M.C. Rao	Physics	Optik	2020	0030-4026	<a href="https://doi.org/10.1016/j.ijleo.2019.163610">https://doi.org/10.1016/j.ijleo.2019.163610</a>
39	Study of Evapotranspiration over Telangana and Rayalaseema Regions for the Year 2019	M.C Rao	Physics	Journal of Critical Reviews	2020	2394-5125	<a href="https://www.jcreview.com/admin/Uploads/Files/61a58ec83b8719.17873581.pdf">https://www.jcreview.com/admin/Uploads/Files/61a58ec83b8719.17873581.pdf</a>
40	Optical, electrical and photoluminescence studies on Al <sub>2</sub> O <sub>3</sub> doped PVA capped ZnO nanoparticles for optoelectronic device application	M.C Rao	Physics	Optik	2020	0030-4026	<a href="https://doi.org/10.1016/j.ijleo.2020.164236">https://doi.org/10.1016/j.ijleo.2020.164236</a>
41	Structural and optical properties of Fe <sup>3+</sup> doped ZnCdO nanostructures for luminescent Application	D.V. Satish, R.V.S.S.N. Ravikumar, M.C. Rao	Physics	Optik	2020	0030-4026	<a href="https://doi.org/10.1016/j.ijleo.2020.164283">https://doi.org/10.1016/j.ijleo.2020.164283</a>

42	Structural and optical properties of ZnO doped CdTe nanopowders for optoelectronic device application	M.C Rao	Physics	Optik,	2020	0030-4026	<a href="https://doi.org/10.1016/j.ijleo.2020.164346">https://doi.org/10.1016/j.ijleo.2020.164346</a>
43	FSS Structured Dual Mode Bandpass Filter with Quality Factor Enhancement	M.C Rao	Physics	International Journal of Scientific & Technology Research	2020	ISSN 2277-8616	<a href="https://www.researchgate.net/publication/344377278_FSS_STRUCTURED_DUAL_MODE_BANDPASS_FILTER_WITH_QUALITY_FACTOR_ENHANCEMENT">https://www.researchgate.net/publication/344377278_FSS_STRUCTURED_DUAL_MODE_BANDPASS_FILTER_WITH_QUALITY_FACTOR_ENHANCEMENT</a>
44	Design of Monopole Antenna with L-Shaped Slits for ISM and Wimax Applications	M.C Rao	Physics	International Journal of Scientific & Technology Research	2020	ISSN 2277-8616	<a href="http://www.ijitee.org/">http://www.ijitee.org/</a>
45	Design and Analysis of Monopole Antenna for ISM, C and X-Band Applications	M.C Rao	Physics	International Journal of Scientific & Technology Research	2020	ISSN 2277-8616	<a href="https://www.semanticscholar.org/paper/DESIGN-AND-ANALYSIS-OF-MONOPOLE-ANTENNA-FOR-ISM-C-Khan-Madhav/2da85a62a0d29c01ec3dcd46">https://www.semanticscholar.org/paper/DESIGN-AND-ANALYSIS-OF-MONOPOLE-ANTENNA-FOR-ISM-C-Khan-Madhav/2da85a62a0d29c01ec3dcd46</a>
46	Reconfigurable Mimo Antenna with CSRR Loading	P Paradhasaradhi, B T P Madhav, K V Vineetha, G C	Physics	International Journal of Scientific & Technology Research	2020	ISSN 2277-8616	<a href="http://www.ijstr.org/">http://www.ijstr.org/</a>
47	Design and Analysis of Circularly Polarized Dual Element MIMO Antenna with DGS for Satellite Communication, Fixed mobile, ISM, and Radio Navigation Applications	S Salma, Habibulla Khan, B T P Madhav, K R V Narasimha	Physics	International Journal of Advanced Science and Technology	2020	ISSN 2277-8616	<a href="https://www.researchgate.net/publication/344377152_Design_and_Analysis_of_Circularly_Polarized_Dual_Element_MIMO_Antenna_with_DGS_for_Satellite_Communication_Fixed_mob">https://www.researchgate.net/publication/344377152_Design_and_Analysis_of_Circularly_Polarized_Dual_Element_MIMO_Antenna_with_DGS_for_Satellite_Communication_Fixed_mob</a>

48	Design and Analysis of Circularly Polarized MIMO Antenna with Defective Ground Structure for Maritime Radio Navigation, Wi-MAX and Fixed Satellite Communication Applications	M.C Rao	Physics	International Journal of Advanced Science and Technology	2020	ISSN 2277-8616	<a href="http://sersc.org/journals/index.php/IJAST/article/view/7018">http://sersc.org/journals/index.php/IJAST/article/view/7018</a>
49	Design and Simulation of Multiband Operating Single Element Antenna for Wi-Fi, ISM and X Band Applications	M.C Rao	Physics	International Journal of Advanced Science and Technology	2020	ISSN 2277-8616	<a href="https://www.researchgate.net/publication/344377026_Design_and_Simulation_of_Multiband_Operating_Single_Element_Antenna_for_Wi-Fi_ISM_and_X_Band_Applications">https://www.researchgate.net/publication/344377026_Design_and_Simulation_of_Multiband_Operating_Single_Element_Antenna_for_Wi-Fi_ISM_and_X_Band_Applications</a>
50	Design and Analysis of Monopole Antenna Using Square Split Ring Resonator	M.C Rao	Physics	International Journal of Advanced Science and Technology	2020	ISSN 2277-8616	<a href="http://dx.doi.org/10.17148/IJARCC.2019.8523">http://dx.doi.org/10.17148/IJARCC.2019.8523</a>
51	CSRR Integrated Reconfigurable Mimo Antenna for Isolation Enhancement	M.C Rao	Physics	International Journal of Advanced Science and Technology	2020	ISSN 2277-8616	<a href="http://www.ijtee.org/">http://www.ijtee.org/</a>
52	Circular Monopole with Star Shaped Etched Antenna for PCS, UMTS and WIFI Applications	M.C Rao	Physics	International Journal of Advanced Science and Technology	2020	ISSN 2277-8616	<a href="http://sersc.org/journals/index.php/IJAST/article/view/7022">http://sersc.org/journals/index.php/IJAST/article/view/7022</a>
53	ZnO nanosheets decorated Bi <sub>2</sub> WO <sub>6</sub> nanolayers as efficient photocatalysts for the removal of toxic environmental pollutants and photoelectrochemical solar water oxidation	M.C Rao	Physics	Journal of Environmental Management	2020	ISSN 0301-4797	<a href="https://doi.org/10.1016/j.jenvman.2020.110504">https://doi.org/10.1016/j.jenvman.2020.110504</a>



54	Effect of Humidity on TiO <sub>2</sub> Doped PVA Capped CH <sub>3</sub> COOK Polymer Films	M.C Rao	Physics	AIP Conference Proceedings	2020	0094-243X	<a href="https://doi.org/10.1063/5.0001613">https://doi.org/10.1063/5.0001613</a>
55	Optical and Transport Studies on PVP: CH <sub>3</sub> COOK-Al <sub>2</sub> O <sub>3</sub> Nanocomposite Polymer Films	M.C Rao	Physics	AIP Conference Proceedings	2020	0094-243X	<a href="https://doi.org/10.1063/5.0001610">https://doi.org/10.1063/5.0001610</a>
56	Conductivity Studies on PVP: CH <sub>3</sub> COONa-Al <sub>2</sub> O <sub>3</sub> Based Nanocomposite Films	M.C Rao	Physics	AIP Conf. Proc.,	2020	0094-243X	<a href="https://doi.org/10.1063/5.0001615">https://doi.org/10.1063/5.0001615</a>
57	Effect of Humidity on ZrO <sub>2</sub> Doped PVA-CH <sub>3</sub> COONa Polymer Films	M.C Rao	Physics	AIP Conference Proceedings	2020	0094-243X	<a href="https://doi.org/10.1063/5.0001612">https://doi.org/10.1063/5.0001612</a>
58	Charge-Discharge Studies of TiO <sub>2</sub> Doped PVP Based Nanocomposite Films	M.C Rao	Physics	AIP Conference Proceedings	2020	0094-243X	<a href="https://doi.org/10.1063/5.0001614">https://doi.org/10.1063/5.0001614</a>
59	Electrical Studies on PVP: CH <sub>3</sub> COOK-TiO <sub>2</sub> Polymer Films	M.C Rao	Physics	AIP Conference Proceedings	2020	0094-243X	<a href="https://doi.org/10.1063/5.0001611">https://doi.org/10.1063/5.0001611</a>
60	Backup Power System for Computing Application	M.C Rao	Physics	AIP Conference Proceedings	2020	0094-243X	<a href="https://doi.org/10.1063/5.0001616">https://doi.org/10.1063/5.0001616</a>

61	Climatological analysis of lightning flashes over Kerala	M.C Rao	Physics	AIP Conference Proceedings	2020	0094-243X	<a href="https://doi.org/10.1063/5.0001292">https://doi.org/10.1063/5.0001292</a>
62	Analysis of lightning flashes over Bangladesh	M.C Rao	Physics	AIP Conference Proceedings	2020	0094-243X	<a href="https://doi.org/10.1063/5.0001294">https://doi.org/10.1063/5.0001294</a>
63	Factors Influencing Lightning Flashes and Convective Systems over Srilanka	M.C. Rao & N. Ranga Babu	Physics	AIP Conference Proceedings	2020	0094-243X	<a href="https://doi.org/10.1063/5.0001295">https://doi.org/10.1063/5.0001295</a>
64	Influence of Pressure Level based Parameters on Lightning and Rainfall over Nepal	M.C. Rao & N. Ranga Babu	Physics	International Journal of Emerging Technology	2020	1863-0383	<a href="https://online-journals.org/index.php/ijet">https://online-journals.org/index.php/ijet</a>
65	Severe thunderstorm event over Hindol region on 22 <sup>nd</sup> April, 2012	M.C. Rao & N. Ranga Babu	Physics	Test Engineering Management	2020	0193-4120	<a href="http://www.testmagzine.biz/">http://www.testmagzine.biz/</a>
66	Frequency Reconfigurable Split Ring Antenna for LTE and WiMAX Applications	M. C. Rao	Physics	International Journal of Electronics and Telecommunication	2020	20818491	<a href="https://www.ijet.pl/index.php/ijet/article/view/10.24425-ijet.2020.131871">https://www.ijet.pl/index.php/ijet/article/view/10.24425-ijet.2020.131871</a>
67	A Study of Thunderstorm Features over Srikakulam Region on 26 <sup>th</sup> April, 2020	M. C. Rao	Physics	Journal of Critical Reviews	2020	2394-5125	<a href="http://dx.doi.org/10.31838/jcr.06.05.48">http://dx.doi.org/10.31838/jcr.06.05.48</a>
68	Thermoluminescence, elastic and dielectric investigations of calcium fluoro borophosphate glass composite materials doped by small concentrations of TiO <sub>2</sub>	Ch Srinivasa Rao	Physics	Indian Journal of Physics	2019	0973-1458	<a href="http://dx.doi.org/10.1007/s12648-020-01720-8">http://dx.doi.org/10.1007/s12648-020-01720-8</a>
69	Influence of Bi <sub>2</sub> O <sub>3</sub> , Sb <sub>2</sub> O <sub>3</sub> and Y <sub>2</sub> O <sub>3</sub> on optical properties of Er <sub>2</sub> O <sub>3</sub> -doped CaO–P <sub>2</sub> O <sub>5</sub> –B <sub>2</sub> O <sub>3</sub> glasses	Ch Srinivasa Rao	Physics	Bulletin of Materials Science	2019	0250-4707	<a href="https://doi.org/10.1007/s12034-019-1996-9">https://doi.org/10.1007/s12034-019-1996-9</a>

70	Thermo spectral advances of CoO doped alkali bismuth phospho silicate glasses for thermo and photoluminescence applications	T. Srikumar, Ch Srinivasa Rao	Physics	Journal of Non-Crystalline Solids	2019	ISSN 0022-3093	<a href="https://doi.org/10.1016/j.jnoncrysol.2020.119901">https://doi.org/10.1016/j.jnoncrysol.2020.119901</a>
71	Spectroscopic studies on Cr <sup>3+</sup> doped ZnCdO nanostructures for optoelectronic device Application	D.V. Satish, R.V.S.S.N. Ravikumar, M.C. Rao	Physics	Optik	2020	0030-4026	<a href="https://doi.org/10.1016/j.ijleo.2019.163610">https://doi.org/10.1016/j.ijleo.2019.163610</a>
72	Structural and optical properties of Fe <sup>3+</sup> doped ZnCdO nanostructures for luminescent Application	D.V. Satish, R.V.S.S.N. Ravikumar, M.C. Rao	Physics	Optik	2020	0030-4026	<a href="https://doi.org/10.1016/j.ijleo.2020.164283">https://doi.org/10.1016/j.ijleo.2020.164283</a>
73	Phenazine based organic conducting materials for healthy global climatic scenario	.Balakaruna Kum	Chemistry	Engineering Sciences International Research Journal	2019	2320 – 4338	<a href="https://www.imrfjournals.com/enirj61">https://www.imrfjournals.com/enirj61</a>
74	Prediction of Speeds of Sound in the Binary Mixtures of Ethyl Lactate with Cyclohexanone, Cyclohexylamine and Cyclohexanol at 303.15 K	K. Rayapa Reddy	Chemistry	Journal of Applicable Chemistry	2019	ISSN: 2278-1862	<a href="http://www.joac.info/AbstractPaper/2019/42-8-2-29-32A.pdf">http://www.joac.info/AbstractPaper/2019/42-8-2-29-32A.pdf</a>
75	Vapor-Liquid Equilibrium Studies of the Binary Liquid Mixtures of Ethyl lactate with Amino-, Chloro- and Phenyl-ethanols	K. Rayapa Reddy	Chemistry	Journal of Applicable Chemistry	2019	ISSN: 2278-1862	<a href="http://www.joac.info/ContentPaper/2019/44-8-2-36-34.pdf">http://www.joac.info/ContentPaper/2019/44-8-2-36-34.pdf</a>
76	Partial Molar Volumes and Spectral Studies on Binary Mixtures of p-Chloroacetophenone with Aniline and N-Alkyl Anilines	D.Bala	Chemistry	Asian Journal of Chemistry	2019	ISSN 0970-7077	<a href="https://portal.issn.org/resource/ISSN/0970-7077#:~:text=ISSN%200970%2D7077%20(Print),of%20Chemistry%20%7C%20The%20ISSN%20Portal">https://portal.issn.org/resource/ISSN/0970-7077#:~:text=ISSN%200970%2D7077%20(Print),of%20Chemistry%20%7C%20The%20ISSN%20Portal</a>

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78	Fabrication and characterization of gold nanoparticles and fullerene-C60 nanocomposite film at glassy carbon electrode as potential electro-catalyst towards the methanol oxidation	KS Bhavani	Chemistry	International journal of hydrogen energy	2019	0360-3199	<a href="https://doi.org/10.1016/j.ijhydene.2019.08.005">https://doi.org/10.1016/j.ijhydene.2019.08.005</a>
79	Adaptive Crop Monitoring System based on Wireless Sensor Networks	Mr. B. Balaji Bhanu	Electronics	International Journal of Engineering and Advanced Technology	2019	ISSN: 2249-8958	<a href="https://doi.org/10.35940/ijeat.2249-8958">https://doi.org/10.35940/ijeat.2249-8958</a>
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81	Exploration of Crop Production Improvement through Various Agricultural Monitoring Systems	Mr. B. Balaji Bhanu	Electronics	International Journal of Innovative Technology and Exploring Engineering	2019	ISSN: 2278-3075	<a href="https://www.ijitee.org/">https://www.ijitee.org/</a>
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84	Secure Boot of Zynq Ultra Scale+ ZCU102 FPGA used in 5G Communications	KBS Sastry	Computers	Journal of Information and Computational Science	2020		
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86	Risk evaluation based on WSN Monitoring System	Dr.K.B.S.Sastry, Mr.S.A.B.Nehru and Ms.A.Lavanya	Computers	Journal of Information and Computational Science	2019		
87	Inter-Survival Dynamics of Language, Literature & Translation	Dr.L.Subha	English	Lang Lit an International Peer-Reviewed Open Access Journal	2019	2349-5189	<a href="https://portal.issn.org/resource/ISSN/2349-5189#:~:text=ISSN%202349%2D5189%20(Online)%20%7C%20Langlit%20%7C%20The%20ISSN%20Portal">https://portal.issn.org/resource/ISSN/2349-5189#:~:text=ISSN%202349%2D5189%20(Online)%20%7C%20Langlit%20%7C%20The%20ISSN%20Portal</a>
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89	Expressing the Unexpressed through Native Verses	Dr.L.Subha	English	proceedings of the Two-Day National Seminar on 'Nature and Environmental Conservation in Ancient and Modern Indian Literature	2019		

90	Severance from Unreal to Real World	Dr.L.Subha	English	Library Science and Translation Studies in World Literature' IMRF International Publishing House	2019	978-93-86435-91-0	<a href="https://www.andhraloyolacollege.ac.in/alcmagazine/Alc%20Loyolite%202020.pdf">https://www.andhraloyolacollege.ac.in/alcmagazine/Alc%20Loyolite%202020.pdf</a>
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91	Is Woman Born Strong or Made Strong?– Hindsight into Chitra Banerjee Divakaruni’s Sister of My Heart’	Dr.L.Subha	English	Journal of English Language, Literature and Criticism,	2019	10162283, 24658545	<a href="https://oaji.net/journal-detail.html?number=1439">https://oaji.net/journal-detail.html?number=1439</a>
92	Identifying the Cultural Exquisiteness through Translation	Dr.L.Subha	English	Bodhi International Journal of Research in Humanities, Arts and Science	2019	2456-5571	<a href="https://portal.issn.org/resource/ISSN/2456-5571#:~:text=ISSN%202456%2D5571%20(Online),and%20science%20%7C%20The%20ISSN%20Portal">https://portal.issn.org/resource/ISSN/2456-5571#:~:text=ISSN%202456%2D5571%20(Online),and%20science%20%7C%20The%20ISSN%20Portal</a>
93	Teacher Designed Material to Develop Effective Reading Skills in an ESL Classroom at Graduate Level – A Pragmatic Study	Dr M Sri Lakshmi Dr T Sai Mamata	English	Linguistics and Literature (UGC-CARE LISTED JOURNAL), Peer - reviewed	2019	0963-9470	<a href="https://miar.ub.edu/issn/0963-9470#:~:text=ISSN%200963%2D9470&amp;text=2%20Multidisciplinary%20data bases.&amp;text=7%20Specialized%20databases.&amp;text=4%20Evaluation%20resources.&amp;text=From%202022%20onwards%20MIAR%20will%20not%20show%20the%20ICDS%20calculation.">https://miar.ub.edu/issn/0963-9470#:~:text=ISSN%200963%2D9470&amp;text=2%20Multidisciplinary%20data bases.&amp;text=7%20Specialized%20databases.&amp;text=4%20Evaluation%20resources.&amp;text=From%202022%20onwards%20MIAR%20will%20not%20show%20the%20ICDS%20calculation.</a>
94	Communal Heritages and Moral Ideals in the Contemporary Feminine Tales in One-Day International Conference on “Inter-Survival Dynamics of Language, Literature & Translation	T.Sai Mamata	English	International Peer Reviewed Open Access Online Journal	2019		
95	Macabre and Inhuman aspects of Untouchability in Indian Literature: A Select Study published in the proceedings of the Two-Day Multilingual and Multi-Dimensional National Seminar on “Language and Literature: Their Significance to the Present-Day Society	T.Sai Mamata	English	Pragma Publications, Hyderabad	2019		

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99	Reyrieving Lost character and imge through Alexixs Wright plains of promise.	Dr Raju	English	ijrar	2019	2348-1269	<a href="https://ijrar.org/archive.php?vol=5&amp;issue=4#:~:text=ANALYTICAL%20REVIEWS%20(IJRAR)-,E%20DISSN%202348%201269%20%20P%20ISSN%202349%202014%20%207C%20UGC%20and%20ISSN%20Approved.">https://ijrar.org/archive.php?vol=5&amp;issue=4#:~:text=ANALYTICAL%20REVIEWS%20(IJRAR)-,E%20DISSN%202348%201269%20%20P%20ISSN%202349%202014%20%207C%20UGC%20and%20ISSN%20Approved.</a>
100	Illuminating multiple oppressions in the play of mother of 1084 by Mahasweta Devi	Ms.Shahini Begum	English	English Studies International Research Journal	2019	ISSN 2347 - 3479	<a href="https://www.researchgate.net/publication/343190501_ILLUMINATING_MULTIPLE_OPPRESSION_IN_THE_PLAY_OF_MOTHER_OF_1084_BY_MAHASWETA_DEVI#:~:text=Mahasweta%20Devi's%20play%20Mother%20of,underclass%20along%20with%20their%20suffering.">https://www.researchgate.net/publication/343190501_ILLUMINATING_MULTIPLE_OPPRESSION_IN_THE_PLAY_OF_MOTHER_OF_1084_BY_MAHASWETA_DEVI#:~:text=Mahasweta%20Devi's%20play%20Mother%20of,underclass%20along%20with%20their%20suffering.</a>



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102	on 2-uniform ideals and direct summands in N-groups	Mr. P. Venu Gopala Rao	Maths	International Journal of Recent Technology and Engineering	2019	ISSN:0970-6578	<a href="http://dx.doi.org/10.35940/ijrte.E6896.018520">http://dx.doi.org/10.35940/ijrte.E6896.018520</a>
103	Modern Techniques of Promoting the Banking Financial Services and Insurance	r.P.John Adinarayana		International Journal of Innovative Technology and Exploring Engineering	2019	2278-3075	<a href="http://dx.doi.org/10.35940/ijitee.J9044.0881019">http://dx.doi.org/10.35940/ijitee.J9044.0881019</a>
104	The Role of Shaping Fin-Tech Services: Social Media Marketing	r.P.John Adinaraya	Visual comm	International Journal of Innovative Technology and Exploring Engineering	2019	2278-3075	<a href="http://doi.org/10.35940/ijitee.J9045.0881019">http://doi.org/10.35940/ijitee.J9045.0881019</a>
105	cognitive computational model for evaluation of fintech products and services with reference to Vijayawada city, AP	rs.Ch.Varalakshmi	MBA	Journal Of Innovative Technology And Exploring Engineering	2019	2278-3075	: 10.35940/ijitee.J9074.0881019
106	An Over View of the Services, Threats and Migratory Measures of Mangrove Ecosystem in India	R. T. ROSE MAR	Botany	Journal of Applied Science and Computations	2019	1076-5131	<a href="https://j-asc.com/">https://j-asc.com/</a>

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112	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	Molecular Crystals and Liquid Crystals	2019	1542-1406	<a href="https://doi.org/10.1080/15421406.2018.1518661">https://doi.org/10.1080/15421406.2018.1518661</a>
113	Quantum and Thermodynamic estimation of mesostate behaviour of alkyl benzoic acids in dielectric medium: Comparitive study	Dr. T. Jaison Jose	Chemistry	Arabian Journal for Science and Engineering	2019	1319-8025	<a href="http://dx.doi.org/10.1007/s13369-019-03791-0">http://dx.doi.org/10.1007/s13369-019-03791-0</a>
114	Translational and rotational phase ordering of symmetric dimer mesogens: Molecular rigidity effect.	Dr. T. Jaison Jose	Chemistry	Journal of Molecular Structure	2019	0022-2860	<a href="https://doi.org/10.1016/j.molstruc.2021.130336">https://doi.org/10.1016/j.molstruc.2021.130336</a>

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116	Classification of cotton crop pests using Big Data Analysis	R.P.L.DURGAB AI	Computers	International Conference on Computational and Bio-engineering	2019	978-3-030-46938-2	<a href="https://doi.org/10.1007/978-3-030-46939-9_4">https://doi.org/10.1007/978-3-030-46939-9_4</a>
117	Classification of Pests for Rice Crop Using Big Data Analytics	R.P.L.DURGAB AI	Computers	National Conference on Development in Information and Communication Technology for Emerging Regions	2019	2249-0701	<a href="https://doi.org/10.51983/ajest-2019.8.3.2737">https://doi.org/10.51983/ajest-2019.8.3.2737</a>