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Dr. A. VENKATA SEKHAR
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Objective:

➤ To hold a responsible position which enables the sustained growth and recognition, and where I can contribute to the best of my skills and efforts for the growth of the Organization

ACADEMIC QUALIFICATIONS

S. No	Degree	University /Board	Year of pass	Percentage of marks	Division
1	Ph. D	ANU	2022	-	-
2	M. Phil	ANU	2018	-	A
3	P. G (M. Sc Physics)	ANU	2009	72	First
4	U.G (B. Sc (MPCs))	ANU	2007	70	First
5	Intermediate	Board of Intermediate Education	2004	72.4	First
6	S.S.C	Board of Secondary Education	2002	74	First

Teaching Experience : Eight Years

No. of Publications : 21 (SCI journal with I.F. more than 3)

Personal Profile:

Name	:	A VENKATA SEKHAR
Father's Name	:	A BALA NARAYANA RAO
Date of Birth	:	15-08- 1987
Sex	:	Male
Marital Status	:	Married
Religion	:	Hindu
Nationality	:	Indian
Languages Known	:	Telugu & English.

I humbly request you to give me an opportunity to prove myself and serve in your esteemed institution

DECLARATION

I hereby declare that the information given above is true to the best of my knowledge.

Place : Nagarjuna Nagar

Date : 16-08-2023

(A VENKATA SEKHAR)

Publications of Dr. A. Venkata Sekhar as on December 2023

Year	S. No.	Title, Authors & Journal of Publication Publications Summary of Dr. A. Venkata Sekhar Total No. of Publications 21; h-index 5; total citations 91 (Google CI) Q1 journals 12; Q2 Journals 7; Q3 Journals 2; and Q4 Journals 0 (21) (Q1 = top 25%; Q2 = top 50%; Q3 = top 75% and Q4 = top 100)	Thomson and Reuters Impact Factor	Quartile
	21	Influence of Au ⁰ metallic particles on NIR laser emission of Yb ³⁺ ions in Li ₂ O–HfO ₂ –SiO ₂ glass ceramic, P. Pavani Koteswari Devi, A. Venkata Sekhar, Valluri Ravi Kumar, N. Venkatramaiah, V. Ravi Kumar, N. Veeraiah, <i>The European Physical Journal Applied Physics</i>	1.168	Q3
	20	Impact of red lead on 0.65 and 1.3 μm emissions of Pr ³⁺ ions in a non-conventional antimony oxide glass system for application in optical communication, Y. Dana Rao, N. Venkatramaiah, A. Venkata Sekhar, N. Purnachand, V. Ravi Kumar and N. Veeraiah, <i>Journal of Materials Science Materials in Electronics</i> 34 (2023) 2174, doi. 10.1007/s10854-023-11563-8	2.779	Q2
	19	Luminescence features of Ho ³⁺ , Er ³⁺ and Tm ³⁺ ions in red lead added non-conventional antimony oxide glass system, Yeti Dana Rao, Ayyagari Venkata Sekhar, Vandana Ravi Kumar, Valluri Ravi Kumar, Nutalapati Venkatramaiah, Nalluri Purnachand, Yerramreddy Gandhi, N. Veeraiah, <i>Luminescence</i> . 2023;1–16.	2.464	Q2
	18	Dielectric Characteristics and A.C. Conductivity of Pb ₃ O ₄ -Bi ₂ O ₃ -B ₂ O ₃ :CuO Glass Ceramics with CuBi ₂ O ₄ Crystal Phase: A Possible Electrode Material for Ionic Batteries, D. Bhadrarao, L. Pavić, A. Bafti, J. Pisk, A.V. Sekhar, G.N. Koti Reddy, V. Ravi Kumar, G. Sahaya Baskaran, G. Naga Raju, N. Veeraiah, <i>ECS Journal of Solid State Science and Technology</i> , 12 (2023) 103003 DOI: 10.1149/2162-8777/acfd5e	2.483	Q3
2023	17	Influence of HgO on dielectric features and a.c. conductivity of lithium phosphate glasses- potential material for applications in energy storage devices as electrolyte, J. Satyaraju, G. Naga Koti Reddy, A. Bafti, L. Pavić, A. Venkata Sekhar, A. Siva Sesha Reddy, V. Ravi Kumar, N. Veeraiah, <i>Journal of Non-Crystalline Solids</i> (2023) doi: 10.1016/j.jnoncrysol.2023.122575	4.458	Q1
	16	The influence of silver ions on the dielectric dispersion dipolar relaxation dynamics and dielectric breakdown strength of zinc selenium phosphate glass system, Gade Naga Koti Reddy, Marek Kostrzewa, Ayyagari Venkata Sekhar, Adam Ingram, Annapureddy Siva Sesha Reddy, Nutalapati Venkatramaiah, Goli NagaRaju, Vandana RaviKumar, NalluriVeeraiah, <i>Phys. Status</i>	1.981	Q2

		Solidi A 2023, 2300282 DOI: 10.1002/pssa.202300282		
	15	Dynamical behavior of Ag ions on structural and dielectric features of As ₂ O ₃ glass ceramics containing chalcogenide oxides, V. Suryanarayana, A. Venkata Sekhar , A. Bafti, L. Pavić, A. Siva Sessa Reddy, G. Naga Koti Reddy, N. Venkatramaiah, V. Ravi Kumar, N. Veeraiah, <i>Journal of Non-Crystalline Solids</i> 610 (2023) 122299 https://doi.org/10.1016/j.jnoncrysol.2023.122299	4.458	Q1
	14	Amplification of blue emission of Tm ³⁺ ions in Li ₂ O-HfO ₂ -SiO ₂ glass system by means of Au ⁰ metallic particles, Pilli Pavani Koteswari Devi, Ayyagari Venkata Sekhar , Valluri Ravi Kumar, Gnanamuthu Sahaya Baskaran, Nutalapati Venkatramaiah, Vandana Ravi Kumar, Nalluri Veeraiah, <i>Luminescence</i> 38 (2023) 450-461 https://doi.org/10.1002/bio.4468	2.464	Q2
	13	The influence of Au ₂ O ₃ on insulating character of ZnO-P ₂ O ₅ -SeO ₂ glass system: investigation by means of dielectric studies, G Naga Koti Reddy, A. Venkata Sekhar , L Pavić, A Bafti, Jana Pisk, A Siva Sessa Reddy, N Venkatramaiah, G Naga Raju, V Ravi Kumar, N Veeraiah, <i>Applied Physics A</i> 129 (2023) 208 https://doi.org/10.1007/s00339-023-06422-6	2.983	Q2
	12	Dielectric features of Au ₂ O ₃ doped Li ₂ O-SiO ₂ glass system-influence of Pb ₃ O ₄ , T.V.N. Keerti Kut, A.Bafti, J.Pisk, L.Pavić, A. Venkata Sekhar , P.Naresh, A. Siva Sessa Reddy, G. Naga Raju, V. RaviKumar, N.Veeraiah, <i>Journal of Non-Crystalline Solids</i> 599 (2023) 121954 https://doi.org/10.1016/j.jnoncrysol.2022.121954	4.458	Q1
2022	11	Luminescence efficiency of Sm ³⁺ ions in hafnia added lithium silicate glass system-the impact of Au ⁰ particles, P. Pavani Koteswari Devi, Valluri Ravi Kumar, A. Venkata Sekhar , A. Siva Sessa Reddy, N.Venkatramaiah, V. Ravi Kumar, N.Veeraiah <i>Journal of Non-Crystalline Solids</i> 596 (2022) 121863 https://doi.org/10.1016/j.jnoncrysol.2022.121863	4.458	Q1
	10	Impact of silver ions on dielectric properties and conductivity of lithium silicate glass system mixed with red lead, T.V.N.Keerti Kut, Sara. Marijan, Jana.Pisk, A.Venkata Sekhar , A. Siva SessaReddy, N.Venkatramaiah, G. Naga Raju, L.Pavić, N.Veeraiah, <i>Journal of Non-Crystalline Solids</i> 588 (2022) 121641 https://doi.org/10.1016/j.jnoncrysol.2022.121641	4.458	Q1

2021	9	Nonlinear optical birefringence in $\text{Li}_2\text{SO}_4\text{-MgO-P}_2\text{O}_5$ amorphous system -influence of Cu ions, A. Siva Sesha Reddy, A.V. Kityk, J. Jedryka, P. Rakus, A. Wojciechowski, A. Venkata Sekhar , V. Ravi Kumar, N. Veeraiah, <i>Journal of Non-Crystalline Solids</i> 572 (2021) 121111 https://doi.org/10.1016/j.jnoncrysol.2021.121111	4.458	Q1
	8	Third harmonic generation studies of 1.06 μm Nd:YAG laser beam in $\text{Li}_2\text{SO}_4\text{-MgO-P}_2\text{O}_5$ glass system-influence of CuO, A.Venkata Sekhar , A.Siva Sesha Reddy, A.V.Kityk, J.Jedryka, P.Rakus, A.Wojciechowski, G.Naga Raju, V.Ravi Kumar, N.Veeraiah, <i>Optical Materials</i> , 118 (2021) 111277 https://doi.org/10.1016/j.optmat.2021.111277	3.754	Q1
	7	Influence of Ni ion site occupancy on laser induced third harmonic generation (THG) studies in $\text{Li}_2\text{SO}_4\text{-MgO-P}_2\text{O}_5$ amorphous system, A. Venkata Sekhar , A. Siva Sesha Reddy, A.V. Kityk, J. Jedryka, P. Rakus, A.Wojciechowski, V. Ravi Kumar, N. Veeraiah, <i>Ceramics International</i> , 47 (2021) 25249-25254 https://doi.org/10.1016/j.ceramint.2021.05.245	5.532	Q1
	6	Influence of NiO doping on elastic properties of $\text{Li}_2\text{SO}_4\text{-MgO-P}_2\text{O}_5$ glass system–Investigation by means of acoustic wave propagation, A. Venkata Sekhar , A. Siva Sesha Reddy, A.V. Kityk, J. Jedryka, P. Rakus, A. Wojciechowski, G. Naga Raju, N. Veeraiah, <i>Applied Physics A</i> (2021) 127:342 https://doi.org/10.1007/s00339-021-04499-5	2.983	Q2
	5	Investigations on the influence CuO doping on elastic properties of $\text{Li}_2\text{SO}_4\text{-MgO-P}_2\text{O}_5$ glass system by means of acoustic wave propagation, A.Venkata Sekhar , A.V.Kityk, J.Jedryka,P.Rakus, A.Wojciechowski, A.Siva Sesha Reddy, G.Naga Raju, N.Veeraiah, <i>Solid State Communications</i> , 330 (2021) 114270 https://doi.org/10.1016/j.ssc.2021.114270	1.804	Q2
2020	4	Estimation of concentration of nano-sized voids ingrained in CuO doped lithium sulphophosphate amorphous system using positron annihilation spectroscopy, A. Venkata Sekhar , M. Kostrzewa, Valluri Ravi Kumar, A. Ingram, A. Siva Sesha Reddy, G. Naga Raju, V. Ravi Kumar, N. Veeraiah, <i>Optical Materials</i> , 109 (2020) 110314 https://doi.org/10.1016/j.optmat.2020.110314	3.754	Q1
	3	Influence of nickel ion concentration on the free volume defects entrenched in an alkali sulphophosphate glass system by means of positron annihilation characterization technique, A. Venkata Sekhar , A. Ingram, Valluri Ravi Kumar, M. Kostrzewa, A. Siva	4.458	Q1

		Sesha Reddy, G. Naga Raju, V. Ravi Kumar, N. Veeraiah, <i>Journal of Non-Crystalline Solids</i> 547 (2020) 120315 https://doi.org/10.1016/j.jnoncrysol.2020.120315		
	2	Dielectric characteristics, dipolar relaxation dynamics and ac conductivity of CuO added lithium sulpho-phosphate glass system, A. Venkata Sekhar, L. Pavić, A. Moguš-Milanković, N. Purnachand, A. Siva Sesha Reddy, G. Naga Raju, N. Veeraiah, <i>Journal of Non-Crystalline Solids</i> 543 (2020) 120157 https://doi.org/10.1016/j.jnoncrysol.2020.120157	4.458	Q1
2019	1	Dielectric dispersion and impedance spectroscopy of NiO doped Li ₂ SO ₄ –MgO–P ₂ O ₅ glass system, A. Venkata Sekhar, L. Pavić, A. Moguš-Milanković, Valluri Ravi Kumar, G. Naga Raju, N. Veeraiah, <i>Journal of Alloys and Compounds</i> , 824 (2020) 153907 https://doi.org/10.1016/j.jallcom.2020.153907	6.371	Q1