


## Profile

<b>Dr. B. Johnson</b> M.Sc., M.Phil., APSET, Ph.D			
	<b>Designation</b>	Assistant Professor	
	<b>Department</b>	Physics	
	<b>Date of Birth</b>	10.05.1981	
	<b>E-Mail ID</b>	johnson.bandaru9 @gmail.com	
	<b>Mobile</b>	9963052701	
<b>Education:</b>			
Details	Year	Institution	Percentage/Grade
B.Sc.	2001	Andhra Loyola College, Vijayawada, affiliated to Acharya Nagarjuna University, Guntur	75%
M.Sc.	2003	Hindu College-PG courses, Guntur, affiliated to Acharya Nagarjuna University, Guntur	62%
M.Phil.	2010	Acharya Nagarjuna University, Guntur	A
Ph.D.	2017	Acharya Nagarjuna University, Guntur	--
APSET	2012	conducted by Osmania University	--
<b>Experience:</b>			
Period	Designation	Institution / Organization	
2004-till date	Assistant Professor	Andhra Loyola College, Vijayawada	
<b>Courses Taught:</b>			
Year	Title(s) of the Courses		
<b>2017-2018</b>	Electronics, Electromagnetic theory and Modern optics, Solid state Physics,		
<b>2018-2019</b>	Electronics, Electromagnetic theory and Modern optics, Solid state Physics, Spectroscopy, Glass Science and Technology, Advances in Materials science		
<b>2019-2020</b>	Electronics, Electromagnetic theory and Modern optics, Solid state Physics, Spectroscopy, Glass Science and Technology, Advances in Materials science		
<b>2020-2021</b>	Electronics, Electromagnetic theory and Modern optics, Solid state Physics, Spectroscopy, Glass Science and Technology, Advances in Materials science		
<b>2021-2022</b>	Electronics, Electromagnetic theory and Modern optics, Solid state Physics, Spectroscopy, Glass Science and Technology, Advances in Materials science		
<b>2022-2023</b>	Applications of Electricity and Electronics, Electrical appliances		

**Research Profile:****Research Area: GLASS PHYSICS, THERMODYNAMIC & ULTRASONIC STUDIES OF LIQUID MIXTURES****Research Publications: 03**

1. “Structure–property relationships of Fe<sub>2</sub>O<sub>3</sub> doped novel oxyfluorophosphate glasses”

B. Johnson, B.K. Sudhakar, N. Rama Krishna Chand, G. Srinivasa Rao

Journal of Non-Crystalline Solids 404 (2014) 151–161

doi:10.1016/j.jnoncrysol.2014.08.024

<http://www.sciencedirect.com/science/article/pii/S0022309314004086>

2. “Chemical durability, thermal stability and spectroscopic studies of the influence of Ni<sup>2+</sup> ions in oxyfluorophosphate glasses”

B. Johnson, N. R. K. Chand, B. K. Sudhakar & G. Srinivasa Rao

Journal of Materials Science: Materials in Electronics (2016)-4909-3

doi: 10.1007/s10854-016-4909-3

<http://link.springer.com/article/10.1007/s10854-016-4909-3>

3. “Structural analysis of novel oxyfluoroborate glasses: Correlation between elastic and compositional parameters”

G. Srinivasa Rao, B.K. Sudhakar, N. Ramakrishna Chand, B. Johnson, P.V.S. Sai Ram, P. Srinivasa Sastry, V. Devasahayam

Materials Letters 68 (2012) 21–23

doi:10.1016/j.matlet.2011.10.009

<http://www.sciencedirect.com/science/article/pii/S0167577X11011530>

**Google Scholar**

[https://scholar.google.com/citations?hl=en&view\\_op=list\\_works&gmla=AKKJWFfn621hMYmlrFm1kGKq1i4wFSEG3E6VqXKx51ZF3g9n108Ah2QdJHsuJ91p-v3cwg55QQ1fyO\\_y0zZeQ&user=zppDOX4AAAAJ](https://scholar.google.com/citations?hl=en&view_op=list_works&gmla=AKKJWFfn621hMYmlrFm1kGKq1i4wFSEG3E6VqXKx51ZF3g9n108Ah2QdJHsuJ91p-v3cwg55QQ1fyO_y0zZeQ&user=zppDOX4AAAAJ)

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**Professional Development Activities – Participations**

<Details of FDP / PDP / Seminars /Conferences etc.>

Year	Programme	Number
2017-2018	Seminars	1
2018-2019	Seminars	1
2019-2020	Short term course/Seminars	1/3
2020-2021	Seminars	6
2021-2022	Work Shop/Seminars	1/1
2022-2023	Seminars	3

<b>Various Assignments undertaken at ALC</b>	
<b>2013-2014</b>	NSS Programme Officer, Unit - II
<b>2014-till date</b>	Associate NCC Officer, Air wing
<b>2017-2022</b>	Coordinator, M.Sc. (Physics) programme
<b>2020-2022</b>	Assistant Controller of examinations

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