

**Bio-Data of Dr.P.Nageswara Rao for the consideration of Senior Faculty in
the Department of Physics at your Esteemed Institution**

Address for Correspondance



Dr. P.Nageswara Rao

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PERSONAL PROFILE:

- Name : P.NAGESWARA RAO
- Father's Name : SATYANARANA
- Phone No : 9177105055
- Date of Birth : MAY 03, 1978
- Marital Status : Married
- Gender : Male
- Languages known : English, Telugu and Hindi
- Nationality : Indian

ACADEMIC PROFILE:

Course	University/Board	Percentage %	Division	Year of passing
Ph.D	Acharya Nagarjuna University	ThesisTitle: SYNTHESIS, CHARACTERIZATION AND PHYSICAL PROPERTIES OF AF- PbO-B ₂ O ₃ :TiO ₂ GLASSES AND ON SIMILAR STUDIES OF LiF-Sb ₂ O ₃ -B ₂ O ₃ GLASS SYSTEM DOPED WITH COPPER AND NICKEL IONS		2005 Thesis is adjudicated by one foreign examiner and two Indian examiners
M. Phil.	Acharya Nagarjuna University	69.06%	A Grade	2003
M.Sc (Physics)	Acharya Nagarjuna University	68.45 %		2000
B.Sc (MPC)	Acharya Nagarjuna University	73.32 %		1998

Teaching Experience

(Excluding the period of Ph.D duration)

- ☆ Worked as in department of Physics S.V.V DEGREE COLLEGE, AVANIGADDA - 523 187, from 2006 to 2009
- ☆ Currently working at University College of Engineering & Technology, Acharya Nagarjuna University, Nagarjuna Nagar -522 510, since 2010 to till date

RESEARCH PUBLICATIONS:

1. Studies on dielectric properties of $\text{LiF-Sb}_2\text{O}_3\text{-B}_2\text{O}_3$: CuO glass system
P. Nageswara Rao, B.V. Raghavaiah, D. Krishna Rao and N. Veeraiah
J. Mater. Chem. Phys. 91 (2005) 381 – 390.
2. Influence of titanium ions on optical properties of $\text{AF-PbO-B}_2\text{O}_3$ glasses.
P.Nageswara Rao, C.laxmi kanth, D.kirshna Rao and N.Veeraiah,
Journal of quantitative spectroscopy& Radiative Transfer 95 (2005) 373-386.
3. Optical absorption and thermoluminescence studies on optical properties of $\text{LiF-Sb}_2\text{O}_3\text{-B}_2\text{O}_3$ glasses doped with nickel ions,
P.Nageswara Rao,G.Naga Raju,D. Kirshna Rao and N.Veeraiah, Journal of luminescence 117(2006) 53-60.
4. Dielectric dispersion in $\text{PbO-Sb}_2\text{O}_3\text{-As}_2\text{O}_3\text{:V}_2\text{O}_5$ Glasses,
B.V.Raghavaiah,**P.Nageswara Rao** ,D. Kirshna Rao and N.Veeraiah,Journal of Physics and Chemistry of solids,66(2005)954-962.
5. Dielectric dispersion in $\text{ZnO-ZnF}_2\text{-B}_2\text{O}_3$ glasses,doped with WO_3
G.Naga Raju,R.Balaji Rao, **P.Nageswara Rao** and N.Veeraiah, progress in condensed matter physics(Nova publishers, U.S.A 2005).
- 6.The influence of titanium ions on dielectric and other physical properties o $\text{AF-PbO-B}_2\text{O}_3$ Glasses, **P.Nageswara Rao**, D. Kirshna Rao and N.Veeraiah,Indian journal of engineering and material science .13(2006) 69-74.
7. Thermoluminescence studies on $\text{PbO-Sb}_2\text{O}_3\text{-As}_2\text{O}_3$ glasses doped with iron ions
B.V.Raghavaiah,**P.Nageswara Rao** ,P.Yadgiri Reddy and N.Veeraiah, Optical materials 29(2007)566-572.
8. Influence of Al declustering on the photoluminescent properties of Pr^{3+} ions in PbO-SiO_2 glasses k.Bhargavi ,S.Sudarasan, M.G.Brik, Y.gandhi,M.Sundara Rao, P.Nageswara Rao, N.Veeraiah, Journal of Non-Crystalline solids 362,15 february 2013, pages 201-206.
9. The influence of modifier ions on the emission features of HO^{3+} ion in lithium fluoro borate Glasses,M.Srinivasa Reddy , **P.Nageswara Rao** and venkateswarao penugonda ,international Journal of luminescence and applications ,362 ,15 March 2013, pages 149-151
10. Influence of CuO on Spectroscopic Properties of $\text{PbO-Sb}_2\text{O}_3\text{-SiO}_2$ Glasses, M. Srinivasa Reddy, B.V. Raghavaiah , **P. Nageswara Rao** and N. Veeraiah, ANU Journal of Physical Sciences, Vol. IV (1) (2012) 39-55, ISSN 0976-0954
11. Influence of V_2O_5 on Dielectric Properties of $\text{PbO-B}_2\text{O}_3\text{-Bi}_2\text{O}_3$ Glasses, B.V. Raghavaiah, M. Srinivasa Reddy, **P. Nageswara Rao** and N. Veeraiah, ANU Journal of Physical Sciences, Vol. IV (2) (2012) 40-67, ISSN 0976-0954

List of Conferences/Seminars attended / presented the papers

1. National Seminar on Physics of Non -Crystalline Materials, organized by the Dept of Physics, ANU PG Centre, Nuzvid -521201, A.P., India during 29-31st Dec 2004.
2. National Conference on Luminescence and its Applications (NCLA 2005) organized by the Dept. of Physics, Bangalore University, Bangalore-560 056, India, during Feb 2-4th of 2005
3. Two days UGC sponsored National Seminar on Physics and Chemistry of Materials organized by the Dept of Physics, SVRM College, Nagaram, Guntur (Dt.), A.P., during 30 -31st July 2009.
4. UGC Sponsored two days National Seminar on "Renewable energy sources for sustainable growth" organized by SVRM College, Nagaram, Guntur (dist.) during 26th-27th of July 2013
5. A two day national seminar on application, advances & challenges in space research NSAACSR ON 19th & 20th September 2014 P.B. SIDDHARATHA COLLEGE OF ARTS AND SCIENCE, VIJAYAWADA, A.P.
6. International conference on NAVIGATIONAL SYSTEMS & SIGNAL PROCESSING APPLICATIONS 13TH AND 14TH DECEMBER, at UNIVERSITY COLLEGE OF ENGINEERING AND TECHNOLOGY, ACHARYA NAGARJUNA UNIVERSITY .NSSP-2013 .
7. AICTE Sponsored National Seminar on "RECENT TRENDS IN SURFACE SCIENCE AND NANOTECHNOLOGY"-RTSSN 2013 organized by department of Science and Humanities, Potti Sri Ramulu Chalavadi Mallikharjuna Rao College of Engineering & Technology, Vijayawada, A.P., India during 29-30th, November 2013

References

1. Prof. D. KRISHNA RAO
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