
CURRICULUM VITAE

Dr. B.J.R.S.N. SWAMY

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PERSONAL PROFILE:

- Name : BHOGI JAYARAMA SATYANARAYANA SWAMY
- Father's Name : SANYASI RAO
- Phone No. : +91-9490367189
- Date of Birth : 01-01-1979
- Marital Status : Married
- Languages known : English, Telugu
- Nationality : Indian

Academic Qualifications	University	College / Institution	Year of passing	% of marks
Ph.D	Acharya Nagarjuna University, Guntur	A.N.U. P.G. Centre Nuzvid	2017	'A' Grade
M.Phil	Acharya Nagarjuna University, Guntur	A.N.U. P.G. Centre Nuzvid	2007	'A' Grade
M.Sc.	Acharya Nagarjuna University, Guntur	A.N.U. P.G. Centre Nuzvid	2004	72.8% (I Div. with distinction)
B.Sc. (M.P.C.)	Acharya Nagarjuna University, Guntur	D.A.R. College, Nuzvid	1999	63.6%
Intermediate (M.P.C.)	Board of Intermediate Education	D.A.R. College, Nuzvid	1996	59.9%
SSC	Board of Secondary Education	S.R.R.Z.P.H. School, Nuzvid	1999	77.3%

Ph.D. Thesis Title: “*Studies on thermoluminescence and dielectric properties of gamma-ray irradiated $\text{CaF}_2\text{-P}_2\text{O}_5\text{-B}_2\text{O}_3\text{: MnO/CuO}$ glasses*”

Research experience: 14 years

Teaching experience: 15 years

- ❖ Publications : 8
- ❖ Seminars attended & presented papers
 - *International conferences* : 3
 - *National Conferences* : 12
 - *Workshops* : 1

Experience in teaching:

1. Worked as Lecturer in Physics at Sri Siddhartha Degree College, Nuzvid, for the period of 2004 to 2015.
2. Worked as **Guest Faculty** in Physics Department, **Krishna University- Dr. MRAR P.G. Centre**, Nuzvid, from 2015-2018.
3. Currently working as **Academic Consultant** in the Department of Physics, K.R.U. Dr. M.R.A.R. PG Centre, Nuzvid (Since 2018).

List of Publications

1. Thermo luminescence study of MnO doped borophosphate glass samples for radiation dosimetry
B.J.R. Swamy, Bhaskar Sanyal, Y. Gandhi, R.M. Kadam, V. Natarajan, P. Raghava Rao and N. Veeraiah
Journal of Non-Crystalline Solids 368 (2013) 40–44
2. Influence of copper ions on thermoluminescence characteristics of $\text{CaF}_2\text{-B}_2\text{O}_3\text{-P}_2\text{O}_5$ glass system
B.J.R.S. Swamy, Bhaskar Sanyal, R. Vijay, P. Ramesh Babu, D. Krishna Rao, N. Veeraiah
Ceramics International 40 (2014) 3707–3713
3. Gamma-ray induced effects and dielectric dispersion of CuO doped calcium fluoro boro phosphate glass system
B.J.R.S. Swamy, R. Vijay, P. Ramesh Babu, Bhaskar Sanyal, V. Ravi Kumar, D. Krishna Rao, I.V. Kityk, N. Veeraiah
International Journal of Ionics 22 (2016) 1625-1634

4. Defects centers induced by gamma-rays in MnO doped Calcium fluoro boro phosphate glasses by means of EPR Spectroscopy
N. Veeraiah, Y. Gandhi, R.M. Kadam, **B.J.R. Swamy**, B. Suresh, V. Natrajan, V. Ravi Kumar
Materials Letters DOI: j.matlet.2015.12.111
5. Spectroscopic and physical properties of erbium doped $\text{Li}_2\text{O}-\text{BaO}-\text{P}_2\text{O}_5$ glasses
N.Ch. Ramesh Babua, P. Raghava Rao, N. Narasimha Rao, **B.J.R.S.N. Swamy**, M.Vasu Babu, G. Naga Raju, N. Veeraiah
Materials Today: Proceedings 5 (2018) 26314–26321
6. Renewable energy sources – Natural resource management
P. Raghava Rao, N. Narasimha Rao, **B. J.R.S.N. Swamy**, A. Chitti Babu & Kumara Raja Kandula
RESEARCH REVIEW International Journal of Multidisciplinary ISSN: 2455-3085 (2019).
7. The dielectric properties of $\text{PbO}-\text{B}_2\text{O}_3-\text{Bi}_2\text{O}_3$ glasses doped with V_2O_5
P. Raghava Rao, N. Narasimha Rao, **B.J.R.S.N. Swamy**, N. Ch. Ramesh Babu, A. Chitti Babu, N. Veeraiah.
Recent advances in Material Science: Conf. Proceedings
ISBN:978-93-87769-51-9
8. Influence of silver ions on dielectric properties of $\text{CaF}_2-\text{MoO}_3-\text{P}_2\text{O}_5$ glass system
N. Narasimha Rao, P. Raghava Rao, **B.J.R.S.N. Swamy**, V. Ravi Kumar
Recent advances in Material Science: Conf. Proceedings
ISBN:978-93-87769-51-9

National & International Conferences/Seminars

1. National Seminar on “Physics of Non-Crystalline materials (PNMC-2004)” organized by Department of Physics, A N U P.G. Centre, Dec-2004, Nuzvid.
2. National seminar on “Advances in Amorphous Materials (NAAM-2007)” organized by Department of Physics, A N U P.G. Centre, FEB-2007, Nuzvid.
3. International Seminar on “Science and Technology of Glass Materials (ISSTGM-2009)” organized by Department of Physics, ANU & ANU P.G. Centre, MAR-2009, Guntur, A.P, India.
4. AP Science congress-2012 “Organized by Andhra Pradesh Academy of Sciences” & ANU (NOV-2012).
5. National Seminar on “Multi Functional materials (NSMFM-2013)” organized by Department of Physics, Andhra Loyola College, (MAR-2013), Vijayawada.

6. National Seminar on “Development of Advanced materials in Physics & Electronics and their Applications” organized by Department of Physics & Electronics, KBN College, OCT-2014, Vijayawada.
7. International Seminar on “ Glass and other Functional materials” organized by Department of Physics, A N U, Nagarjuna Nagar, Dec-2014, AP, India.
8. National Seminar on “Recent Trends in Applied Physics” organized by K.R.K. Govt. Degree College, December–2015, Addanki.
9. Recent trends in Material Science, Nano Science & Nano Technology (RTMSNN-2017) organized by Department of Chemistry, A.G. & S.G. Siddhartha Degree College of Arts & Science, January-2017, Vuyyuru.
10. National Seminar on “Advances in Biomaterials & Characterization Techniques (ABCT-2017)” organized by Department of Physics, Andhra Loyola College, January-2017, Vijayawada.
11. The International Seminar on “Materials for the Societal Advancement with Emphasis on Health & Energy” organized by P.B. Siddhartha College of Arts & Science, February-2017, Vijayawada.
12. National Seminar on “Physics & Chemistry of Non-Crystalline Materials (PCNCM-2017)” organized by Department of Physics Chemistry, K.V.R. College, Nandigama, December -2017.
13. “AP Science Congress – 2018” organized by Andhra Pradesh Akademi of Sciences & Yogi Vemana University, November – 2018, Kadapa.
14. National Seminar on “Recent Advances in Material Science” organized by Department of Physics, JKC College, February-2019, Guntur.
15. National Seminar on “Optical characterization techniques” (NSOCT-2019) organized by Department of Physics, Andhra Loyola College, March-2019, Vijayawada.
16. A One Day Faculty Development Programme on “Effective writing of Research proposals” organized by NAIPUNYA at Ramachandra College of Engineering, November-2019, Eluru.

DECLARATION

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

Place:

Date:

(B.J.R.S.N. Swamy)