

PERSIONAL PROFILE

Dr. T. Suhasini

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PERSONAL PROFILE

Name : Dr. T. Suhasini
Father's Name : T. Guravaiah
Date of Birth : 15-July-1981
Sex : Female
Caste : SC
Marital Status : Married
Nationality : Indian
Languages Known : Telugu, Hindi, English
Permanent Address : H. No: 10-782,
Seshapeeran Street,
Chittoor - 517 001.

EDUCATIONAL QUALIFICATION

- **2008-2012**

Ph.D. in Physics(Studies on Optical Absorption and Photoluminescence Properties of Nd^{3+} , Ho^{3+} , Er^{3+} , Tm^{3+} and Yb^{3+} Ions in Lead Borate Titanate Aluminum Fluoride Glasses) from College of Physical Sciences, S.V. University, Tirupati.

- **2006-2008**

M.Phil. in Physics(Absorption and Fluorescence Properties of Sm^{3+} - Ions in Fluorosulphate Glasses) from College of Physical Sciences, S.V. University, Tirupati.

- **2005-2006**

B.Ed. in Mathematics from Sri Rama College of Education, affiliated to S.V. University, Tirupati with an aggregate of **71.85%** marks.

- **2002-2004**

M.Sc. (Physics) with **Photonics** as specializations from S.V.U College of Physical Sciences, **Sri Venkateswara University**, Tirupati with an aggregate of **69.83%** marks.

- **1999-2002**

B.Sc. (M.P.Cs) from **Women Degree College**, Srikalahasthi, Chittoor District (SVU) with an aggregate of **60.77%** marks.

- **1996-1998**

Intermediate from **Government Junior College for Girls**, Thottambedu, Chittoor District, (Board of Intermediate Education) with an aggregate of **63.3%** marks.

- **1995-1996**

S.S.C. from **Zilla Parishad High School**, Peddakannali, Chittoor District with an aggregate of **78.33%** marks.

TEACHING EXPERIENCE:

- Worked as a Junior Faculty in Government Junior **College**, Santhipuram, Chittoor period of three years for Physics and two years for intermediate students. (2008-2013)
- Worked as a Faculty in **Government Degree College**, Puttur for a period of eight years for B.Sc. Physics students. (2013-2021)

RESEARCH:

National Conferences:

Publications:

1. T. Suhasini ^a, J. Suresh Kumar ^a, T. Sasikala ^a, Kiwan Jang ^b, Sueb Lee ^b, Jung Hyun ^c, Soung Soo Yi ^d, L. Rama Moorthy ^{a,*}. Absorption and Fluorescence properties of Sm³⁺ ions in fluoride containing phosphate glasses. **Optical Materials** (2009).
2. A. Mohan Babu ^a, B.C. Jamalalah ^{a,c}, T. Suhasini ^a, T. Srinivasa Rao ^b, L. Rama Moorthy^{a,*}. Optical Properties of Eu³⁺ ions in lead tungstate tellurite glasses. **Solid State Sciences** **13(2011)574-578**.
3. T. Suhasini ^a, B.C. Jamalalah ^{b,*}, T. Sasikala ^a, G.V. Lokeswara Reddy ^a. L. Rama Moorthy ^{a,*} Study on visible luminescence of the Tm³⁺: ¹D₂ → ³F₄ emission state in Lead Borate Titanate Aluminum fluoride glasses **Optics Communications**, **285 (2012) 1229-1232**.

4. T. Suhasini ^a, B.C. Jamalaiah ^{b,**}, T. Chengaiah ^a, J. Suresh Kumar ^a, L. Rama Moorthy ^{a,*}. An investigation on visible luminescence of Ho³⁺ activated LBTAf glasses, **Physica B** **407(2012)523-527**.
5. B.C. Jamalaiah ^a, J. Suresh Kumar ^a, T. Suhasini^a, Kiwan Jang ^b, Ho Sueb Lee ^b, Hyukjoon Choi^c, L. Rama Moorthy ^{a,*}. Visible luminescence characteristics of Dy³⁺ -doped in LBTAf glasses, **Journal of Alloys and Compounds** **474 (2009) 382-387**.
6. B.C. Jamalaiah ^a, T. Suhasini ^b, L. Rama Moorthy ^b, K. Janardhan Reddy ^c, Il-Gon Kim ^{a,*}, Dong-Sun Yoo ^a, Kiwan Jang ^a, Visible and near infrared luminescence properties of Er³⁺ -doped in LBTAf glasses for optical amplifiers, **Optical Materials** **34 (2012)861-867**.
7. B.C. Jamalaiah ^a, T. Suhasini ^b, L. Rama Moorthy ^b, Il-Gon Kim ^{a,*}, Dong-Sun Yoo ^a, Kiwan Jang ^a Structural and luminescence properties of Nd³⁺ -doped Pbo-B₂O₃-TiO₂-AlF₃ glass for 1.07 μm laser applications, **Journal of Luminescence** **132(2012)1144-1149**.
8. B.C. Jamalaiah, J. Suresh Kumar, A. Mohan Babu, T. Suhasini, L. Rama Moorthy ^b Photoluminescence properties of Sm³⁺ in LBTAf glasses, **Journal of Luminescence** **129(2009)363-369**.