

DETAILS OF THE RESEARCH PAPERS PRESENTED
AT NATIONAL / INTERNATIONAL SEMINARS

1. A paper presented on "Photoluminescence study of rare earth red emitting phosphors" in "National Seminar on Solid State Spectroscopy" at S.V. University, Tirupathi, A.P during 29th – 31st August,2001.
2. A paper presented on the Thermoluminescence studies of opto electronic device phosphors in " National Seminar on Luminescence and applications NSLA-2003 during 12th – 14th February,2003 at NPL, New Delhi.
3. A paper presented on " Calcium Halo Phosphates in radiation Dosimetry "in National Seminar on Luminescence and its applications " during 16th – 18th December,2001 at Rani Durgavathi University, Jabalpur
4. Seminar on new perspectives in materials science (NPMS-2002) held during 22-23, March, 2002, Osmania University, Hyderabad-500007
5. A paper presented on " the role of Fluorescent Lamp Phosphors in Accidental Radiation Monitoring "in 21st international conference on Nuclear Tracks in Solids" during 21st – 25th October,2002 at New Delhi.
6. Attended a "National Attended a "National Symposium on Solid State Nuclear Track Detectors and their applications (SSNTDS-2003)held during 16th – 18th, October,2003 Osmania University, Hyderabad.
7. A paper presented on the effect of grain size on the TL output of BaMgAl₁₀O₁₇:Eu phosphor in " International Conference on Luminescence and its applications (ICLA-2004)" during 9th - 12th, February, 2004 at B.A.R.C., Mumbai, India.
8. A paper accepted on "Accident Radiation Monitoring use of Compact Fluorescent Lamp and Phosphors" in "22 International Conference on Nuclear Tracks in Solids " Barcelona, 23-27 August,2004.
9. A paper presented on : Thermoluminescence spectroscopy of Eu²⁺ and Mn²⁺ doped BaMgAl₁₀O₁₇ at the National conference on PCNM2004, at NUPGC, Nuzvid,29-31st December, 2004
10. A paper presented on. TL and OSL studies in Eu doped BAM, NCLA2005, Bangalore University, Bangalore, 2-4th February, 2005.

Paper Published in the international Journals

1. Role of fluorescent Lamp phosphors in accidental radiation Monitoring, Radiation Measurements, 26(2003)483-485.
2. Compact Fluorescent Lamp Phosphors in Accidental Radiation Monitoring, Radiation Protection Dosimetry, Oxford Press, UK Accepted for Publication, Dec.05.
3. Optically Stimulated Luminescence and Thermoluminescence Characteristics of Eu doped Barium Magnesium Aluminates, Journal of Luminescence Accepted for Publication. Aug.05

Paper Published in the Conference Proceedings

1. Calcium Halophosphates in Radiation Dosimetry, Proceedings of NSLA-2002, Page.171-178, Pub. Luminescence Society of India. Edited by K.V.R.Murthy et. al, Dec. 2001.
2. Thermoluminescence Studies of Optoelectronic Device Phosphors, Proceeding of NSLA-2003, NPL, New Delhi, India, Page.199, Pub. Luminescence Society of India, February, 2003.
3. Lamp Phosphors in Accidental Radiation Monitoring, Proceeding of NSLA-2003, NPL, New Delhi, India, Page.206-208, Pub. Luminescence Society of India, February, 2003.
4. Effect of grain size on the Thermoluminescence output of BaMgAl₁₀O₁₇:Eu Phosphor, Proceeding of International Conference on Luminescence and its Applications, ICLA-2005, BARC, Mumbai, India, Page.249-251, Pub. Luminescence Society of India, February, 2004.
5. Thermally Stimulated Luminescence of Gamma-Irradiated Sr₂P₂O₇:Eu²⁺ and (Sr,Mg)₂P₂O₇:Eu³⁺ Lamp Phosphors, Proceeding of International Conference on Luminescence and its Applications, ICLA-2005, BARC, Mumbai, India, Page.278-280, Pub. Luminescence Society of India, February, 2004.
6. Luminescence Characteristics of Ca₂SiO₄:Eu³⁺ and Ca₂SiO₄:Eu²⁺, proceedings of National conference on Luminescence and its Applications, NCLA-2005, Bangalore University, Bangalore, Page No.137-138, Pub. Bangalore University and Luminescence Society of India, February, 2005.
7. luminescence Characteristics of Strontium Silicate Doped with Ce³⁺ and Sm³⁺/Ce³⁺ and Tb³⁺ ions, proceedings of National conference on Luminescence and its Applications, NCLA-2005, Bangalore University, Bangalore, Page No.192-194, Pub Bangalore University and Luminescence Society of India, February, 2005.
8. Effect of Mn²⁺ co-doping in the LED phosphor, Sr₂SiO₄:Eu²⁺, proceedings of National conference on Luminescence and its Applications, NCLA-2005, Bangalore University, Bangalore, Page No.214-215, Pub. Bangalore University and Luminescence Society of India, February, 2005.