

Dr. Raj Kumar Golconda

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Areas of research Interest

- Laser ablation,
- Photonic crystals
- Nonlinear Optical Materials
- Nanomaterials for display applications

Carreer Highlights

Research experience

Otherstays in Universities:

- ICFO-Institut de Ciencies Fotoniques, Barcelona, Spain
- Institute Neel, CNRS, Grenoble, France
- Dept. Física de Materiales, Univ. Autónoma de Madrid, Cantoblanco, E-28049 Madrid, Spain.
- Advanced Center of Research in High Energy Materials (ACRHEM), University of Hyderabad, Hyderabad

Teaching Experience

- Assistant Professor of Physics, Sreenidhi Institute of Science & Technology, Ghatkesar, Hyderabad, Telangana. (April 2015 to Till Date)
- Guest lecturer of physics, Sadhana Degree College, Nagarkurnool, Nagarkurnool (Dist). (June 2013 to March 2015).
- Junior lecturer of Physics, Srinivasa Padmavathi Junior college, Nagarkurnool, Mahabubnagar, A.P. (June 2001 – March 2003).

Books Published

“Introduction to Modern Optics” S. Bagvanth reddy, G. Kurumurthy, **RajKumar Golconda**, , Graviity Global publishers ISBN: 978-81-935001-1-8

Fellowships

- *-Grant for the investigation:* Supported by Spanish government from Dept. of Fisica i Crystallographia de Materials i Nanomaterials, URV, Tarragona from 2008 -2012.
- *Grant for the personal investigation:* From Ministerio de Education for a student mobility programme – May 2010 &, December 2010 – January 2011.

Educational Details

Ph.D Rovira I Virgili Univeristy, Tarragona, Spain (2012) CGPA- 9/10

Thesis Title: Microstructuration of nonlinear optical materials: methodologies, characterization, and applications

Masters Rovira I virigili Univeristy, Tarragona, Spain (2009) CGPA- 9/10

Thesis Title: Linear and nonlinear optical properties of diffraction gratings inscribed on nonlinear optical materials

M.Sc. Pondicherry University, Pondicherry, India (2005) CGPA – 8/10

(Specialization in Condensed Matter Physics)

B.Sc. Silver Jubilee Govt. Degree College, Kurnool (2001), 79.8%