PERSONAL INFORMATIONS

Mamraj Singh,
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EDUCATIONAL QUALIFICATIONS

M.Sc (Dept of physics, University of Rajasthan, Jaipur)

M.Phil. (CDPE, University of Rajasthan, Jaipur)

M.Tech. (Solid State Materials, IIT Delhi).

Ph.D: Pursuing from department of physics, IIT Bombay.

Teaching Experience as on 01.01.2016(years): **2**

LIST OF PUBLICATIONS

[1] Parinda Vasa, Krithika Dota, Mamraj Singh, Dushyant Kushavah, Bhanu P. Singh, and Deepak Mathur, *"Power and Polarization-dependent Supercontinuum Generation in α-BaB2O4 crystalsby Intense, Near-infrared, Femtosecond Laser Pulses"* **Phys Rev A,** 91 05383700, **2015.**

[2] Parinda Vasa, Rahul Sharma, Mamraj Singh, Aditya K. Dharmadhikari, Jayashree A. Dharmadhikari, and Deepak Mathur "*Generation of stable colloidal gold nanoparticles by ultrashort laser-induced melting and fragmentation"* **Mater. Res. Express**, **1, 035028, 2014.**

[3] Parinda Vasa, Jayashree A. Dharmadhikari, Aditya K. Dharmadhikari, Rahul Sharma, Mamraj Singh, and Deepak Mathur "*Supercontinuum Generation in Water by Intense, Femtosecond Laser Pulses under Anomalous Chromatic Dispersion"* **Phys Rev A 89,** 0438304, **2014.**

[4] Parinda Vasa, Mamraj Singh, R. Bernard, Aditya K. Dharmadhikari, Jayashree A. Dharmadhikari, and Deepak Mathur, **Applied Physics Letters**, 103, 111109, **2013.**

[5] Mamraj Singh, Sujeet Chaudhary, Subhash C Kashyap, D K Pandya, "Synthesis and Investigation of Electrodeposited Half-metallic Fe3O4 Thin films and Nanowires", **J. Superconductivity and Novel Magnetism**, **2010**.