

Glass Open Book



Shiv Prakash Singh

Company: Karlsruhe Institute of Technology, Germany
 Job title: Scientist
 Languages: English
 Location: India

Contact information:

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Work experience

Company: International Advanced Research Center for Powder Metallurgy and New Materials (ARCI), India
 Job title: Senior Scientist
 Nov 2019 - Present (6 yrs 6 mos)
 Responsibilities: Development of Low Expansion Glass Ceramics and Functional Glasses

Company: Karlsruhe Institute of Technology, Germany
 Job title: Scientist
 Sep 2016 - Mar 2019 (2 yrs 6 mos)
 Responsibilities: Synthesis of Metallic Nanoglass and their characterization

Company: Federal University of Sao Carlos, SP-Sao Carl
 Job title: Postdoctoral Research Fellow
 Feb 2014 - Jun 2016 (2 yrs 4 mos)
 Responsibilities: Development and Characterization of Nanometal Nucleated Glass-Ceramics

Company: Indian Institute of Science Education and Res
 Job title: Research Associate
 Apr 2013 - Nov 2013 (0 yrs 7 mos)
 Responsibilities: Chemical rout synthesis of quantum dots

Company: CSIR-Central Glass and Ceramic Research Insti
 Job title: Senior Research Fellow
 Apr 2010 - Mar 2013 (2 yrs 11 mos)
 Responsibilities: Synthesis and Characterization of Some Nanometal Embedded and Rare-Earth Co-doped Glass Nanocomposites

Company: CSIR-Central Glass and Ceramic Research Insti
 Job title: Project Assistant
 Jul 2007 - Mar 2010 (2 yrs 8 mos)
 Responsibilities: Development of Environmental-Friendly Cost Effective Lead-Free Glass Powders and Pastes for Plasma Display Panels (PDPs)

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Education

School: Central Glass and Ceramic Research Institute, Jadavpur University, Kolkata, India
Ph.D., Materials Science (Glass)
2007 - 2012

Description: Preparation and Property Evaluation of Some Glasses, Their Micro- and Nanocomposites

School: North Orissa University, Baripada, Odisha, India
Master of Science (M.Sc.), Physical Chemistry
2002 - 2004

School: North Orissa University, Baripada, Odisha, India
Bachelor of Science (B.Sc.), Chemistry
1999 - 2002

Description: Other Subjects: Physics and Mathematics

About me

Statement: I am an experienced glass scientist with more than 15 years of research and development experience. I am interested in a wide range of glassy materials, such as oxide glasses, oxy-nitride glass, metallic glass, glass ceramics, glass powders, glass paste, and glass coatings. I am looking for new glass opportunities.