

# Glass Open Book



## Shiv Prakash Singh

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

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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.