

- **Name** : Dr. Babasaheb Raghunath Sankapal
- **Email:** brsankapal@rediffmail.com
- **Education:**
 - M. Sc. Shivaji University 1997
 - Ph. D. Shivaji University 2001
- **Abroad Research Experience**



Country	Position Hold	Institute	Period
Germany	Guest Scientist	Hahn-Meitner-Institut	Jan 2002 March 2002
Germany	Scientist	Hahn-Meitner-Institut	April 2002 Nov 2004
Japan	JSPS Postdoc	Gifu University	Nov 2004 Nov 2006
USA	Research Associate	University of Wisconsin	Feb 2007 May 2007

MEMBERSHIP

- *Institute of Physics (IOP)* (No:1101579)
- *Member of International Biographical Centre, England under TOP 100 SCIENTIST 2008*

AWARDS

- **Young Scientist Award by Department of Science and Technology (DST), Govt. of India** to execute Fast Track Project on “Studies and development of low cost thin film solar cells” (2007-2010) (Amount Sanctioned-12,42,000/-)
- Included name in “**Marquis who’s who in the World-2007 (24th Edition)**”
- **Outstanding work presentation award (Young Scientist) by Material Research Society, Japan (MRS-J), Dec 2005.**
- Awarded by **JSPS** (Japanese Society for the Promotion of Science, Japan) **Postdoctoral Fellowship** for two year 2004-2006
- Invited as a **Guest Scientist** by **Hahn-Meitner-Institut, Berlin, Germany** for the period of three months (Jan 2002-March 2002).
- Awarded by **Department of Science and Technology (DST), Govt. of India** to participate in the meeting (24-30 June 2001) of “**Nobel Laureates**” in Lindau, Germany.

🚩 **Publications:** Published in international journal : **39**

🚩 **International events attended at:** Germany, France, Japan, Sweden, Holland, USA and Belgium.

🚩 **Research field of Interest:**

Basic Studies

- Thin Film Physics: Inorganic/organic thin films
- Nano-materials, Nano porous materials
- Carbon nano tubes

Synthesis Methods

- chemical, electrochemical, spin coating, spray pyrolysis, doctor blend and dip coating

Applications

- Solar Cells: Dye sensitized, ETA(Extremely thin absorber), Organic/inorganic
 - Sensors (Future work)
 - Super capacitor (Future work)

Extended applications

- Use of flexible substrates for above applications