Applications are invited for the position of Senior Research Fellow to work on computational fluid dynamics of the Earth's core. The project is of fundamental importance in understanding the structure and dynamics of the Earth’s magnetic field. The successful applicant will set up and perform simulations of core convection subject to various parameters derived from observational data. He/she will also develop new graphics tools that help visualize the evolution of the flow and magnetic field. Applicants must hold an M.Tech. degree or equivalent and have a strong aptitude for research and scientific computing. Experience in parallel programming is desirable, but not essential. The appointment will be initially for a year on a salary of Rs 18,000 per month plus HRA. This project is funded by a SwarnaJayanti fellowship from the Department of Science and Technology. To apply, please send an up-to-date CV with the names and addresses of 2 academic referees by post to Dr Binod Sreenivasan, Centre for Earth Sciences, Indian Institute of Science, Bangalore 560 012, or by e-mail to bsreeni@ceas.iisc.ernet.in. For initial information on this research, visit [http://ceas.iisc.ernet.in/~bsreeni/](http://ceas.iisc.ernet.in/~bsreeni/).

---

Applications are invited for the post of a Senior Research Fellow (SRF) to work on ICMR project entitled, '5-Fluorouracil and Lens Epithelial Cells Migration and Differentiation' (IRIS No 2010-03890) and Research Associate (RA) to work on ICMR project entitled, 'Understanding the Pathogenesis of Microphthalmia Anophthalmia Mutation Screening in Candidate Genes of Ocular Development' (IRIS No 2011-00610). The duration of the project is three years.

**Qualification:**
- **For SRF:** Applicants must have M.Sc. degree in Life Sciences/Biochemistry/Biotechnology with minimum 2 years of research experience. Candidates with publication will be given preference.
- **For RA:** Applicants must have Ph.D. degree in Life Sciences/Biochemistry/Biotechnology with relevant research experience. Candidates with good track record will be given preference.

**Emoluments:** As per ICMR guidelines.

Interested candidates may submit their application clearly mentioning the post applied for along with detailed resume to the following address or by e-mail on/before **5 September 2012**. The above said posts are purely temporary basis and for the mention period only.

**Dr Abhay R. Vasavada,** Director, Iladevi Cataract and IOL Research Centre, Gurukul Road, Memnagar, Ahmedabad 380 052. Phone: 079-2741 6702, e-mail: icirc@abhayvasavada.com.