

Earth System Science Organisation (ESSO)

Ministry of Earth Sciences (MoES), Government of India, New Delhi

Call for Proposals

A major scientific programme has been initiated by ESSO-MoES with National Geophysical Research Institute (CSIR-NGRI), Hyderabad to understand the mechanism of Reservoir-Triggered Seismicity (RTS) in the Koyna Warna region, Maharashtra. A significant component of the programme includes, drilling a set of four boreholes initially, each going down to about 1500 m depth. The first borehole in Koyna has been completed recently, while further work is in progress. The cores of both the basalt pile and the underlying basement granitoids retrieved from the borehole form a valuable database and offer a unique opportunity to carry out a wide spectrum of scientific investigations.

Proposals are invited from Indian researchers working in national research institutes, universities and other Govt organizations to carry out core related studies in Geology, Geochemistry, Petrography, Geochronology, Palaeo-magnetism, Rock mechanics, Hydro-geology, Palaeo-environment, Microbial and related studies.

Proposals in the prescribed format may be submitted to:

The Head (Geosciences/Seismology)

Ministry of Earth Sciences, Prithvi Bhavan, Lodhi Road, New Delhi 110 003

e-mail: headgeoscience-moes@nic.in; bansal.moes@gmail.com

The proforma can be downloaded from the website of the Ministry of Earth Sciences – www.moes.gov.in

Proposals received up to **31 May 2013** will be taken up for review.

S.N. Bose National Centre for Basic Sciences

Block JD, Sector III, Salt Lake, Kolkata 700 098

Invites applications for the following position in DST funded project entitled '**Unit for Nanoscience at S.N. Bose National Centre for Basic Sciences**', under UNANST II. PI: Professor Arup Kumar Raychaudhuri.

Research Associate II

Fellowship: As per rules.

Essential qualification: Ph.D. in Physics/Applied Physics/Material Science or similar field.

Desirable qualification: Strong background in atomistic simulation (DFT/MD) of materials.

Experience: NA.

Duration: (Less than 3 years): 1 year, extendable to 2 more years.

Applications in plain paper alongwith CV may be mailed to **The Registrar**, S.N. Bose National Centre for Basic Sciences within **15 May 2013**. Softcopy of application can also be mailed to tanusri@bose.res.in.