



### Saha Institute of Nuclear Physics

(Aided Institute under the Department of Atomic Energy, Govt of India)

Sector-1, Block-AF, Bidhan Nagar, Kolkata 700 064

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#### Requirement of Research Associate in an Indo-French Collaborative Project on Micro-Pattern Gaseous Detectors

Advt. No. SINP/Estt./Advt./01/2011

**Name of the project:** Research and Development of Micromegas detector and related devices (IFCPAR Research Project No. 4304-1).

**Project information:** The proposed project will carry out research and development of a new generation micropattern gas detector, Micromegas and Micromegas-based time projection chamber devices. The proposal emphasizes basic R&D development of the Micromegas and related devices, reinforced by an extensive simulation programme, to study its application in the future colliders like ILC or sLHC and in the field of rare event detection. A strong collaboration between Saha Institute of Nuclear Physics, Kolkata, India and CEA Saclay, Irfu, France, is expected to complement the R&D work.

**Research Associate** (age limit 30 years):

**Essential qualifications:** Ph.D. in experimental nuclear/particle physics. Consistently good academic record (Honours, 60% or more in both B.Sc. and M.Sc.).

**Desirable qualifications:** Experience in accelerator based experiments and numerical simulation.

**Duration:** One-two years (initial appointment will be for one year).

**Salary:** In India, as stipulated by UGC/DST/CSIR. In France, 1850 euro per month.

**Notes:** The total number of posts is two. One will be selected for Saha Institute of Nuclear Physics, Kolkata, India and the other for CEA Saclay, Irfu, France. The candidate for the French laboratory should be willing to learn elementary French. High degree of motivation is expected from the scholars. Scholars who have submitted their thesis but yet to receive their degrees are also eligible to apply.

**Postal address:** Supratik Mukhopadhyay, Professor, ANP Division, Saha Institute of Nuclear Physics, 1/AF, Sector-1, Bidhan Nagar, Kolkata 700 064, West Bengal, India. e-mail: [supratik.mukhopadhyay@saha.ac.in](mailto:supratik.mukhopadhyay@saha.ac.in)

Please apply within **30 August 2011** with brief CV and two letters of recommendation.



### JRF Position in the Department of Physics School of Sciences, Gujarat University Ahmedabad 380 009

Applications are invited for a Junior Research Fellow to work on a research project titled '**Investigations on some epitaxial oxide heterostructures for resistive random access memory applications**' sponsored by DAE-BRNS, Govt of India, under the supervision of **Dr Utpal S. Joshi**, Gujarat University, in the area of Experimental Condensed Matter Physics.

**Fellowship/duration:** Rs 16,000 p.m. for first two years and Rs 18,000 p.m. for third year. Duration of the project is 3 years.

**Qualification:** M.Sc. (Physics) with minimum 55% marks. Applications with detailed CV should be sent by courier/speed post to **Dr Utpal S. Joshi**, Department of Physics, School of Sciences, Gujarat University, Ahmedabad 380 009, India; mobile: 094270 45969.

Applications may also be sent electronically to: [usjoshi@gmail.com](mailto:usjoshi@gmail.com), by **10 August 2011**.

Qualified candidates will be called for interview at Gujarat University, Ahmedabad. Please note that no TA/DA will be paid.

Dr Utpal S. Joshi, Principal Investigator



### National Centre for Antarctic and Ocean Research (Ministry of Earth Sciences, Govt of India) Headland Sada, Vasco-da-Gama, Goa 403 804

#### Invites Nominations from Scientists/Researchers for forthcoming IODP expeditions

The Director, National Centre for Antarctic and Ocean Research (NCAOR), on behalf of IODP-India invites nominations in a prescribed format along with detailed bio-data and research/professional experience, from geoscientists/researchers working in established national institutions/organizations and universities, to participate in the Integrated Ocean Drilling Program (IODP) expedition-342 (Newfoundland Paleogene and Cretaceous Sediment Drifts: Deep Sea Circulation in a Greenhouse World). NCAOR will provide the financial support to the selected candidates towards their participation in the expedition-342. Further details including last date of nominations can be obtained at [www.ncaor.gov.in](http://www.ncaor.gov.in) or by e-mail to [iodp.india@ncaor.org](mailto:iodp.india@ncaor.org)

For and on behalf of NCAOR  
Program Officer  
(IODP-India)

Advt No: NCAOR/33/11



### Swami Ramanand Teerth Marathwada University Nanded 431 606, Maharashtra, India

Advt. No. SRTMUN/TP/04/2011

Date: 5 July 2011

#### Advertisement

Applications are invited for the posts of Professor, Associate Professor and Assistant Professor, which are being recruited on regular/lien period basis in the School of Computational Sciences, Education, Social Sciences (Sub-Centre, Latur), Social Sciences (University Campus), Technology (Sub-centre, Latur), Mathematical Sciences (Mathematics and Statistics), Physical Sciences, Life Sciences, Earth Sciences, Language and Literature (English and Foreign Languages), Management (Sub-Centre, Latur), Media Studies (Mass Communication and Journalism and Library Science) and Pharmacy of this University. Prescribed application form, educational qualifications, reservation, specializations, pay scales and other details are available on [www.srtmun.ac.in](http://www.srtmun.ac.in) and [www.maharashtra.gov.in](http://www.maharashtra.gov.in), websites respectively. The application in prescribed form in five sets should reach before **5.00 pm** on **5 August 2011**.

Dr V. N. Shinde  
Registrar