



Department of Physics and Astronomy
NIT, Rourkela 769 008

JRF Position in DAE-BRNS Project

Applications are invited for Junior Research Fellow (JRF) position detailed below

Position: Junior Research Fellow (JRF) position (1)

Title of the project: Swift Heavy Ion Irradiation induced pinning mechanism for engineering defects in SC/FM heterostructure to enhance critical current density

Funding agency: Board of Research in Nuclear Science (BRNS), Department of Atomic Energy, Government of India

Emoluments: Rs 16,000 p.m. + allowance as per rule

Qualifications: M.Sc. in Physics with 65%. NET/SET students are preferred

Work place: Department of Physics and Astronomy, NIT Rourkela 769 008

Duration: Three years

Applications with full bio-data should be sent to: **Dr D. Behera**, Principal Investigator, BRNS Project, Department of Physics and Astronomy, NIT Rourkela 769 008, Mobile: 94397 85948, e-mail: dbehera@nitrkl.ac.in, Phone: 0661-246 2724

The guidelines, emoluments and general service rules for the staff sanctioned will be as per office memorandum No. 10/2/2009/fellowship/R&D-II/6093 dated 30th June 2010.

Last date to receive application: **15 days** from the date of this notification.

Only short-listed candidates will be called for the interview and they will have to attend interviews at their own cost.



Institute of Chemical Technology

(University under Section-3 of UGC Act 1956) (formerly UDCT/UICT, Mumbai)

Elite Status and Centre of Excellence – Government of Maharashtra

Matunga, Mumbai 400 019, India

Website: www.ictmumbai.edu.in; Tel.: 022-3361 1111/2222, Fax: 022-3361 1020

Undergraduate Summer Research Internship

The Department of Chemical Engineering at the Institute of Chemical Technology, Mumbai (formerly UDCT, Mumbai) is a premier centre for educational and research excellence in India. We provide an environment and resources for research and learning that exist in only a handful of other institutions in the country. With the funds made available by UGC through the UGC-Networking Resource Centre at the Department of Chemical Engineering, we are able to support up to 25 undergraduate students from chemical engineering schools all over India to spend their summer with us and work on chemical engineering and science related research under the supervision of our faculty together with their research students. The degree of rigour demanded is high and the work done often gets published in high-impact factor peer-reviewed international journals. Each intern will be paid Rs 5000 for their stay with us. Limited hostel accommodation may be available. The internships are for a period of 6 weeks and typically start from mid May to end of June. The exact dates will be posted in mid-March, and selected students will be informed accordingly. Any student from a UGC/AICTE recognized chemical engineering programme in India after **third year** is eligible to apply for an internship by sending an e-mail to summertrainee@ictmumbai.edu.in with '**Summer Internship Application 2015**' in the subject heading, on or before **10 March 2015**. The final list of selected candidates will be intimated on or before **20 March 2015**. The e-mail should contain (i) the student's resume (with class rank and CGPA/percentage), (ii) a letter of recommendation from the Department Head and (iii) a statement of less than 500 words about their motivation to pursue a summer research internship at ICT-Mumbai.

Registrar