

**SPONSORED RESEARCH & INDUSTRIAL  
CONSULTANCY  
INDIAN INSTITUTE OF TECHNOLOGY,  
KHARAGPUR**

Applications are invited for a purely temporary post of Junior Research Fellow in a DAE-BRNS-sponsored research project entitled '**Elucidating fragrant methoxybenzaldehyde biosynthesis in hairy root/normal root cultures of *Hemidesmus indicus* (EFM)**' under Dr Adinpunya Mitra, Agricultural and Food Engineering Department, IIT Kharagpur.

**Qualification:** M.Sc. (Botany/Biochemistry/Biotechnology) with valid GATE score/CSIR-UGC NET. Interested candidates may apply on a plain paper by mentioning the project code **EFM** along with bio-data and attested copies of degree certificates to:

The Administrative Officer (Projects)  
SRIC, IIT Kharagpur  
P.O. Kharagpur 721 302, W.B.  
within 15 days of publication of this advertisement.



**BIRLA INSTITUTE OF TECHNOLOGY  
MESRA 835 215, RANCHI**

Applications are invited for  
**Junior Research Fellow (JRF) in the  
Dept of Applied Physics**

**Title of the project:** 'Study of photocatalytic activity of nano structured TiO<sub>2</sub> thin films produced by plasma assisted process and correlation with plasma parameters'

**Funding agency:** BRNS, DAE

**No. of post:** One

**Fellowship/stipend:** Rs 12,000 pm (consolidated) for first two years and Rs 14,000/- for the third year + HRA (as per institute rules).

**Tenure:** Three years

**Eligibility:** M.Sc. in Physics/Applied Physics/Electronics with at least 55% or B.E./B.Tech. in the relevant area with at least 60%.

Interested candidates may send their applications, biodata and xerox of certificates by post to the Registrar, Birla Institute of Technology, Mesra, Ranchi, Jharkhand 835 215 or e-mail: registrar@bitmesra.ac.in/applied-physics@bitmesra.ac.in. Applications mentioning Department, e-mail ID and contact nos must reach **within seven days** from the date of publication of this advertisement. For further details refer to website: [www.bitmesra.ac.in](http://www.bitmesra.ac.in). Candidates called for interview will be paid 2nd Sleeper Class train fare by the shortest route.

**M.S. University of Baroda  
Vadodara 390 001**

Applications are invited from M.Sc. candidates in any branch of Chemistry who have secured at least 55% for the post of JRF in DAE-BRNS project (3 years @ 12,000 pm) at Applied Chemistry Dept, Faculty of Tech. & Engg., The M.S. Univ. of Baroda, Vadodara 390 001, '**An investigation into the Ion Exchange, Proton Conduction and Catalytic behaviour of Cerium(IV) and Thorium(IV) Phosphates and Phosphonates**'.

Contact: **Prof U. V. Chudasama**  
0265-2791996 (R), 09426344434 (M)  
e-mail: uvces@gmail.com

Applications including bio-data and all attested documents should reach above mentioned address by **15 March 2009**.