



**Indian Institute of Technology**  
Kharagpur 721 302, India  
Sponsored Research and Industrial Consultancy

Advertisement No.: IIT/SRIC/R/MFF/2012/109

Date: 7 June 2012

Applications are invited on plain paper for the following assignment in a purely time bound research project undertaken in the Department of Physics and Meteorology of this institute.

1.	<b>Name of the temporary assignment</b>	:	Junior Research Fellow – 1 Post.
2.	<b>Name of the temporary research project</b>	:	Detection/measurement of low magnetic field through phase modulation of light in optical fiber/photonic crystal fiber coated with ceramic magnetostrictive materials (MFF).
3.	<b>Name of the sponsoring agency</b>	:	BRNS, Mumbai.
4.	<b>Consolidated fellowship/compensation</b>	:	Rs 16,000 p.m. (depending on qualification and experience).
5.	<b>Essential qualifications and experience</b>	:	M.Sc./M.Tech. in Physics/Optoelectronics with experience in programming in MATLAB, C, C <sup>++</sup> /simulation/fiber optics/experimental photonics, nanotechnology/thin-film technology. The candidate must have a recent/valid GATE/NET score.

Interested eligible persons may apply on plain paper, giving full bio-data along with attested copies of testimonials to the undersigned on or before **17 August 2012**.

**Mr Rajarshi Banerjee**  
Administrative Officer (Projects)

**Department of Chemistry**  
Manipur University  
Canchipur 795 003

**Junior Research Fellow**

Applications are invited for the position of one Junior Research Fellow to undertake research in the BRNS funded project entitled, '**Luminescence studies of rare-earth doped fluorides nanomaterials (AF<sub>3</sub>, A = Y, LA, GD, rare-earths = Sm, Eu, Dy, Tb, Tm, Er)**'.

**Essential qualification:** M.Sc. in Chemistry.

**Fellowship:** JRF salary shall be Rs 16,000 p.m. for the first two years and on re-designation by a Committee in 3rd year as SRF @ Rs 18,000 p.m.

CSIR/UGC/NET qualified candidates are encouraged to apply.

Application and CV should be submitted on or before **25 August 2012**, preferably by e-mail or by speed post, to

**Prof. N. Rajmuhon Singh**, Principal Investigator, BRNS Project, Department of Chemistry, Manipur University, Canchipur 795 003, e-mail: rajmuhon@yahoo.co.in, mobile: 094360 80780.