



Vivekananda Road, Pipulpati, Hooghly (WB) 712 103

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Applications, only through *e-mail*, with attached Resume (.pdf files only), are invited from highly motivated candidates for one **Junior Research Fellow** position in the SERC-DST sponsored project entitled ‘**Studying the properties of vortices created in quantized radiation field**’.

**Essential qualification:** M.Sc(Physics)/BE/BTech with 1<sup>st</sup>. Class or high 2<sup>nd</sup>. Class (or equivalent).

**Required qualification:** NET (JRF) or GATE qualified\*

**Desired experience** : 1. Working knowledge of MATHEMATICA/MATLAB.  
2. Strong inclination towards quantum mechanics  
3. Familiarity with operator algebra in second quantized notation.

**Emoluments** : Rs 16,000 per month + HRA + Medical (as permissible by DST)

\***NB:** Non-NET/GATE candidates are also encouraged to apply. In case of non-availability of NET/GATE candidate, non-NET/GATE candidate will be recruited as “**Project Assistant**” at monthly emoluments of Rs 12,000 pm + HRA +Medical (as permissible by DST).

**Applications should be addressed to:**

Dr Abir Bandyopadhyay, Principal Investigator. Email: [abir@hetc.ac.in](mailto:abir@hetc.ac.in)  
(URL: <http://www.hetc.ac.in/abir.html>, Mob: +91-98316 26423)

**Last date for receiving applications:** 15 days from publication of this advertisement.

#No TA, DA will be provided for candidates appearing for the interview.

#The position is purely temporary.

#The decision of the selection committee will be final.