** Thapar Institute of Engineering and Technology**



**Patiala-147004, India**



Date: 20.02.2020

**Advertisement for Junior Research Fellow (JRF) Position under SERB project in Physics**

Applications are invited from motivated and eligible Indian citizens for the position of Junior Research Fellow (JRF) in a sponsored research project of SERB, Govt. of India at the School of Physics and Materials Science, Thapar Institute of Engineering & Technology, Patiala with the details mentioned below.

**Date of Interview: 12th March, 2020. (Thursday)**

**Project Details:**

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| --- | --- |
| Title of the Project | **Spectroscopic analysis of heavy hadrons observed at LHCb, BaBar, and CDF accelerators using effective theories** |
| Sponsored Agency | SERB (Govt. of India) |
| Name of the Post | Junior Research Fellowship |
| Vacancy | 01 Post |
| Duration | 03 Years or completion of the project, whichever is earlier |
| Principal Investigator | Dr. Alka Upadhyay, Associate Professor, School of Physics and Materials Science,  Thapar Institute of Engineering and Technology, Patiala-147004, India. |

**Other Details:**

|  |  |  |
| --- | --- | --- |
|  | Qualification | **Essential:** M.Sc. in Physics/ Applied Physics / Pure Mathematics/ Mathematics  and scientific computation or equivalent degrees with at least 60% marks (or a CGPA of 6.5 in 10 point scale) or M.E. / M. Tech degrees with at least 60% marks (or a CGPA of 6.5 in 10 point scale) in Physics /Mathematics or its related disciplines.  **Additional desirable:** Qualified NET/ GATE/equivalent. |
|  | Age Limit | Not more than 28 Years. SC/ST/OBC/Women/PD candidates will get age relaxation as per SERB, Govt. of India norms |
|  | Fellowship | **For NET / GATE qualified**: Rs. 31,000/- per month for JRF (initial two years) and Rs.35,000/- per month for SRF (third year), plus HRA as per norms if accommodation is not provided by institute. **For non NET / GATE:** As per DST norms. |
|  | Important | * The assignment is purely temporary in nature and it is co-terminus with the project. * No TA/DA will be paid for appearing in the interview and/or joining of the position. * All the terms & conditions for this recruitment will be as per the guidelines of SERB, Govt. of India and TIET, Patiala. Institute reserves the right to cancel the recruitment without assigning any reason. * Candidate selected for this position may apply for the regular PhD program provided they satisfy the eligibility criterion for PhD program in School of Physics, TIET, Patiala. * Original documents of age proof/certificates/degrees/mark sheets and other testimonials must be presented at the time of interview. * Only shortlisted candidate will be intimated via E-mail for interview. **Candidates are advised to check their Email regularly**. * Incomplete application will not be accepted. |
|  | How to Apply | Eligible and interested candidates should send their detailed resume (CV) in the given Format through e-mail to Dr. Alka Upadhyay (alka@thapar.edu) mentioning the subject as **“Application for JRF under CRG of SERB.** Last date to receive the applications is 10th March, 2020. |

Principal Investigator

Dr. Alka Upadhyay,

Associate Professor, School of Physics and Materials Science,

Thapar Institute of Engineering and Technology, Patiala-147004

** Thapar Institute of Engineering and Technology**

**Patiala-147004, India**



**Application Form for Junior Research Fellow (JRF) in SERB Sponsored Project**

**Project Title**: Spectroscopic analysis of heavy hadrons observed at LHCb, BaBar, and CDF accelerators using effective theories

1. Name:
2. Male/Female:

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| --- | --- | --- | --- | --- |
|  |  |  | Affix |  |
|  |  |  | recent |  |
| 3. | Father/Spouse’s Name: |  | passport |  |
|  |  |  | size |  |
|  |  |  | photograph |  |
| 4. | Mother Name: |  |  |  |
| 5. | Address: |  |  |  |
|  |  |  |
|  | (i) Communication address | (ii) Permanent address: | |  |
| 6. | Email id: | 7. Phone No: | |  |
| 8. | Date of birth: | 9. Material status: | |  |
| 10. | Nationality: | 11. Caste category (OP/SC/ST/OBC/PH): | |  |

12. Details of Universities/Institutions attended (from 10th Standard onwards)

(Self Attested copies of certificates and mark sheets/grade cards must be presented at the time of interview)

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| --- | --- | --- | --- | --- | --- |
| **Degree** | **University/College/** | **Year** | **Subject/s** | **% Marks/** | **Class** |
| **obtained** | **Board** |  |  | **CGPA/CPI** | **(if any)** |
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1. Professional Qualifying Examination Passed: GATE/NET/Equivalent: (Attested copy of certificate must be attached)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name of | Subject | Rank /Marks | Qualifying | Valid upto |
| Examination |  | /Score/Percentile | date/year |  |
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14. Professional Experience (Teaching/Research/Industrial), if any

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| --- | --- | --- | --- | --- | --- |
| Name of | Position | Type of work |  | Period | |
| organization |  |  | From |  | To |
|  |  |  |  |  |  |
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1. Any other relevant information:
   1. Declaration

I hereby declare that the entries made in this application form are correct to the best of my knowledge and belief.

Place: Signature of the applicant

Date: