Advt. No. IIITK/Academic/PHD/18-19/4 03-10-2018

**Advertisement for JRF Position under DST Project**

Applications are invited for the post of **one** **Junior Research Fellow (JRF)** under the Science and Engineering Research Board (SERB), **Department of Science and Technology (DST)** sponsored project (#ECR/2017/002258) entitled ‘Short-term Variability in Sun-Synchronous and Non-Sun Synchronous Tides in the Middle Atmosphere from Investigations of Contemporaneous Satellite, Model and Reanalysis Data’.

**Principal Investigator**: Dr. Uma Das, Assistant Professor, Physics

**Eligibility:** (1) Post Graduate Degree in Basic Science (Physics/Mathematics/Computer Science/ Electronics) or Graduate degree in Professional Course or equivalent with minimum of 60% marks or equivalent **and** CSIR-UGC-NET-JRF or CSIR-UGC-NET-LS or GATE or JEST or JAM qualification (as per OM No. SB/S9/Z-01/2015, Govt. of India).

or

(2) M. Tech. with min. of 60% marks or equivalent (as per OM No. SB/S9/Z-01/2015, Govt. of India).

**Additional Requirements**: The candidate is required to have significant knowledge and experience in computer programming.

**Job Description**: Analysis of atmospheric data from satellites and models using regular data analysis methods (spectral analysis, regression, etc.) and machine learning algorithms.

**Fellowship:** Rs 25,000 + Admissible HRA.

**Other Service Conditions**: As per OM No. SR/S9/Z-09/2012, Govt. of India.

**Tenure of the fellowship:** 3 Years

**Registration for Ph.D.:** Selected candidates may register for full time Ph.D. program at Indian Institute of Information Technology Kalyani.

**Application Procedure:** Interested candidates are requested to apply by filling up the form prescribed in this advertisement (pages 3-7) and sending it by email to uma AT iiitkalyani.ac.in and phdadm AT iiitkalyani.ac.in. Self-attested copies of all degrees and mark sheets and GATE/NET/JAM/JEST, if applicable, scorecard must also be attached. Please note that there is a limit on the email size that can be received (8 MB). The application form should be filled in the prescribed Word File template provided in the website. No scanned copy will be entertained.

Candidate should also send the hard copy of the application form duly signed and completed in all respects along with all necessary documents that have been sent by email. It should reach the following address by Speed Post /Registered Post only. Applications will not be accepted by hand. The candidates are also requested to superscribe the envelope as ‘Application for Ph.D. Programme Advt. No. IIITK/Academic/PHD/18-19/4’.

Dr. Uma Das

Assistant Professor, Physics

Indian Institute of Information Technology Kalyani,

Webel IT park campus, Near Budha park

Kalyani - 741235

Dt. Nadia, West Bengal,

**Email**: uma AT iiitkalyani.ac.in and phdadm AT iiitkalyani.ac.in

**Last Date:**  (1) Soft Copy by email- on or before 27.10.2018;

(2) Hard Copy - on or before 31.10.2018

**Note**: (1) Shortlisted candidates will be informed about the interview date by e-mail. Tentative interview date: 12.11.2018

(2) Mere fulfilment of eligibility criteria does not ensure an applicant’s right to admission in the Ph.D. programme. The decision of IIIT Kalyani will be final in this regard.

(3) The Institute reserves the right not to fill the position if no candidate is found suitable.

Sd/-

Registrar (Offg.)

IIIT Kalyani

Application Form for Admission to Ph.D. Programme Under DST/SERB Project

(Advt. No. IIITK/Academic/PHD/18-19/4, Dt. 03/10/2018)

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| 1.(a) Name: Mr./Ms./Mrs.............................................................…………………………  (b) Parent/Spouse/Guardian ................................................................................  (c) Addresses:  i) For correspondence ii) Permanent  ........................................................... ....................................................  ........................................................... ....................................................  ........................................................... ….................................................  ........................................................... .....................................................  (d) Email: (e) Mobile: | Paste color photo  here |
| 2. (a) Date of Birth (dd/mm/yyyy):………........................ (b) Nationality:……….................................  (c) Married / Single: ………….…………… | |

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| 3. Details of Universities/Institutions attended (from Class 10 onwards)  (attested copies of certificates and mark sheets/grade cards must be attached); | | | | | | |
| **Class/**  **Degree obtained**  **(with discipline)** | **School/College** | **University/**  **Board** | **Year**  **of passing** | **% Marks/**  **CGPA/ CPI** | **Class Obtained** | **Dept./Stream/Subjects** |
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| 4. Professional qualifying examination passed (Attested copy of certificate must be enclosed.  Also, fill-in the required information by going through the prescribed eligibility criteria):  (1) GATE (2) UGC/CSIR NET/INSPIRE/Others | | | | | | | | | | |
|  | Subject | GATE  Score | GATE Marks | All India Rank | Valid up to |  | Subject | Year of Qualifying | Valid up to |  |
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| 5. Projects (Use separate sheet to provide details if required):  a) M.Sc. Project Title:  b) M. Tech. Project Title(With name of the guide):  c)Title of other Projects that have been completed with the project name, duration and sponsoring agency, if any | | | | | | | | | | |
| 6. Professional Experience (Teaching/ Research/ Industrial) if any ( proof to be attached).     |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | Name of organization | Position held | Period | | Grade Pay  (if applicable) | Remarks | | From | To | |  |  |  |  |  |  | |  |  |  |  |  |  | |  |  |  |  |  |  | |  |  |  |  |  |  | | | | | | | | | | | |
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| 1. List of publications, if any: | | | | | | | | | | |
| 1. List of two references (Address, email and telephone number). | | | | | | | | | | |
| 1. Why do you want to join Ph.D. programme: | | | | | | | | | | |
| 1. List of Enclosures : | | | | | | | | | | |
| 1. Any other information: | | | | | | | | | | |

**Declaration**

I hereby declare that the entries made in this application form are correct to the best of my knowledge and belief. If selected for admission, I promise to abide by the rules and regulations of the Institute.

I note that the decision of the Institute is final and binding in regard to selection for admission. The Institute shall have the right to take any action it deems fit, including expulsion, against me at any time after my admission, if it is found that any information furnished by me is incorrect.

Place:

Date: Signature of the applicant

Note: Send in duly filled WORD file of the form by email; no need to send signed soft copy; Please send the signed hard copy with all other documents by Speed Post/Registered Post in the address mentioned in the advertisement #IIITK/Academic/PHD/18-19/4 dated 03.10.2018.