INDIAN INSTITUTE OF INFORMATION TECHNOLOGY KALYANI

Autonomous institution under MHRD, Govt. of India &
Department of Information Technology & Electronics, Govt. of West Bengal
WEBEL IT Park, Kalyani -741235,
West Bengal, website : www.iiitkalyani.ac.in

Advt. No. IIITK/Academic/ST/18-19/01   29/03/2019

Advertisement for SUMMER TRAINEE

IIIT Kalyani is looking for a highly motivated young student currently pursuing M.Sc. (Physics/ Mathematics/ Computer Science) or an equivalent degree to work as a summer trainee under SERB Project ECR/2017/002258 on the problem 'Tides in Reanalysis Temperature' during the period from **15th May to 15th July 2019** (2 months) with a remuneration of Rs 5,000/- per month to cover living expenses at Kalyani.

Interested candidates may apply by email to uma@iiitkalyani.ac.in with complete CV by **15th April 2019**. A letter of reference from his/her teacher/professor has to be sent by email to uma@iiitkalyani.ac.in by **20th April 2019.**

Terms and Conditions:
1. Selected candidate is expected to work at IIIT Kalyani during 15th May to 15th July 2019 (2 months).
2. Remuneration of Rs. 5,000/- per month will be paid to the selected candidate only for the period from 15th May 2019 to 15th July 2019.
3. To and fro train fare (II Sleeper Class) for travel by shortest route will be reimbursed, on production of actual tickets.
4. Sitting place and a computer for working will be provided.
5. Hostel may be provided (on payment basis), if vacancy is available.
6. No other leave will be permitted.
7. No other allowances will be paid.
8. A certificate will be provided by the institute after successful completion of the project.

Job Description:
Middle atmospheric temperatures obtained from 'ECMWF' reanalysis dataset have to be analysed using spectral analysis techniques (FFT, Wavelet, etc.) to extract various wave components, including, tides, stationary planetary waves and travelling planetary waves. The variability in these wave components will be investigated to understand the dynamics of the middle atmosphere.

Skills Expected:
Good Programming Skills (like, C, Matlab, IDL)
Good communication skills and writing skills (in English).

Selection Procedure:
CV will be scrutinised by a Selection Committee at the institute with emphasis on skills of the candidate.

Result:
Result will be informed by email to the selected candidate by 25th April 2019.

sd/-   sd/-
(Uma Das)   (S. N. Datta)
PI, ECR/2017/002258   Registrar (offg.)