



Department of Electronics and Communication Engineering
Indian Institute of Information Technology Allahabad
Allahabad-211012 (UP) India

Advt. No. IIITA/ECE/SS/CRG-Intern-002/23

Dated -08/06/2023

Advertisement for Short Term Internship Programs under CRG (DST) Project

There are internship opportunities for 01-02 students at IIIT-Allahabad for 01-02 months (during period June-August, 2023) in a research project titled “**Spin induced properties of p-block elements-based Van-der Waals heterostructures for prospective spintronics applications: An ab-initio approach**” in reference to the File No. CRG/2022/008117 dated: 19/01/2023 by Science and Engineering Research Board (SERB), Department of Science & Technology, New Delhi. Applicants need to send their detailed CV to PI (email id: ssingh@iiita.ac.in) up to 20-06-2023.

Following are the Eligibility criterion and other details:

Eligibility Criterion:

1. Student must be enrolled into any of the regular courses UG/PG/PhD in the Electronics/Nanotechnology/ Materials Science/ Condensed Matter Physics and related areas.
2. Candidates having prior knowledge of DFT codes / programming knowledge (Python/ C/C++) will get preference.

What We Shall Provide:

1. Training Completion Certificate will be awarded after the successful completion of the internship.
2. Fooding and Lodging may be provided in the institute hostel subject to availability of the budget.
3. Access to Computational Nano-Materials Research Lab (CNMRL) of IIIT-Allahabad.

Selection Process:

1. Maximum 2-page CV of the student (with all details starting from High School)
2. Consent from the competent authority of the department.
3. PI of the project may select one/two most relevant students fulfilling the project requirements.
4. Selection will be based on the personal interview cum interaction. (Online/offline mode).

Please note that internship joining time may vary between 26th June to 30th June, which further may be discussed on the mutual basis.

Dr. Sanjai Singh
(PI of the project)