



INSTITUTE OF INFORMATION TECHNOLOGY ALLAHABAD
Jhalwa, Prayagraj, Uttar Pradesh-211015
ADVERTISEMENT OF INTERNSHIP PROGRAM (VRITIKA)

Applications are invited for short-term (5 weeks) research internship/training under the SERB Accelerated Vigyan Programme - Vritika titled “ **Diophantine equations.**”

Objective: To train the students for finding solutions of various Diophantine equations like linear, Pell equation, a few exponential Diophantine equations. These equations are highly applicable in various areas. This course will develop some research interest in Number theory.

Eligibility: Candidates currently pursuing M.Sc. in Mathematics, or equivalent disciplines from University/Institution/College and having a strong orientation towards scientific research may apply.

Internship Details:

1. Mode: Offline
2. Duration: 5 weeks (June 20, 2022 to July 24, 2022)
3. Registration Fee for selected candidates: Rs. 4000/-.
4. Certificate will be provided to the interns after the successful completion of the internship tenure (Submission of work report).
5. Nature of support:
 - The internship will be given for meeting daily necessary expenses such as stationery, consumables, accommodation, food, etc.
 - The participating students will also be eligible for TA reimbursement for their journey to the host institute from their hometown/home institute, both ways, as per GoI norms.
 - Course Material and Lab Access will be made available during the workshop.
 - Stipend: No scholarship/stipend is given.

Number of Candidates: 02

Last date of Application: ~~12 June, 2022~~ 16 June, 2022

Note: The applicant should produce a bonafide letter from the Head of the Department indicating the current association with the Institute/University/College and No Objection Certificate allowing the student to undergo internship offline before joining the program.

Interested candidates may submit their application online before due date through the following Google form.

<https://forms.gle/kauPj3Ztexw4rV9P8>

or email your CV to seemak@iita.ac.in

Event Organizer

Dr. Seema Kushwaha

Assistant Professor

Department of Applied Sciences

Indian Institute of Information Technology Allahabad

Email: seemak@iita.ac.in