



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

Applications are invited for short-term (4 weeks) research internship/training under the SERB Accelerated Vigyan Programme - Vritika titled “Design and Characterization of Smart Nano-carriers for Insulin Delivery.”

**Objective:** A winter training program on will be held at the Indian Institute of Information Technology Allahabad from 25th November to 31st December 2022 (at least 04 weeks has to attend the program). The primary goal of this program is to showcase the emerging novel trends in the field of basic and applied biotechnology. One of the recent challenges is the design of the responsive smart nano-carriers for the delivery of insulin. Insulin administration is essential for type 1 diabetic patients in order to maintain the intermediary metabolism. However, daily injection of insulin is painful and costly and demands suitable alternatives. Thus, a smart responsive nano-carriers will be developed for effective and sustained delivery of insulin.

**Eligibility:** Candidates currently pursuing B. Tech/MSc/MTech students or Ph.D. (preferably Ph.D. first year student) in Biotechnology and allied areas from University/Institution/College and having a good orientation towards scientific research may apply.

**Internship Details:**

1. Mode: **Offline**
2. Duration: 5 weeks (November 25, 2022 to December 31, 2022). At least 04 weeks has to attend the program in order to get certificate.
3. Certificate will be provided to the interns after the successful completion of the internship tenure (Submission of work report).
4. 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 internship.
  - Stipend: No scholarship/stipend is given.

**Number of Candidates: 04**

**Last date of Application: 15<sup>th</sup> November, 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 by sending your complete CV on [asahoo@iiita.ac.in](mailto:asahoo@iiita.ac.in)

Event Organizer

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