

## Title of the project for student internship/student trainees

On

. Identification and characterization of allergenic proteins from plants



HANSRAJ COLLEGE  
UNIVERSITY OF DELHI



INSTITUTION INNOVATION COUNCIL  
Research and development cell

Inviting applications for student internship/student trainees

1. Molecular cloning, protein purification and characterization of GmCML
2. Identification and characterization of allergenic proteins from plants

Applications invited from 15<sup>th</sup> feb 2022

IIC, CONVENOR  
DR. ARCHANA SINGH

PRINCIPAL, HANSRAJ COLLEGE  
PROF. RAMA

### Faculty Involved

Dr. Archana Singh

Dr. Lokesh Chandra Mishra

Dr. Mahaswetta Saikia

### Students Involved -3

**Duration-** 7 months

### Learning outcome

- 1.. Learning how to retrieve total protein sequence of an organism from the database and checking its expression in fruit in silico
2. Learning how to check allergenicity of a protein by in silico methods
3. Identification of novel food allergen