



ICAR-Indian Agricultural Research Institute, New Delhi

invites application for Vritika Research Internship on

“Trait based Phenotyping for Plant-Environment Interaction”

(Sponsored by Science and Engineering Board (SERB), DST, GOI under the “ABHYAAS” programme of ACCELERATING VIGYAN SCHEME)

Duration: February, 15 – March 15, 2024

**Venue: Division of Plant Physiology,
ICAR-IARI, New Delhi**

Scope of the Program “Vritika”: ‘VRITIKA’ aims to create strong interest among students towards scientific and engineering research and to provide technical insight in the field of Science & Engineering through training and skill internship.

ICAR-IARI: ICAR-Indian Agricultural Research Institute, New Delhi (also known as Pusa Institute) is the leading agricultural Institute in the country. It provides science led sustainable and globally competitive agriculture for food, nutrition and livelihood security in India. It is the seat of Green Revolution and has significant contribution to country’s economy by providing high yielding crop varieties. The institute is equipped with all kinds of modern infrastructure and facilities to carry out the cutting-edge research.

Programme Objective: Proposed event is targeted to provide a basic understanding of different aspects of plant environment interaction and the hands-on experience in different phenotyping techniques to students. Knowledge of basic and important physiological traits is extremely important in understanding the impact of different environmental conditions in the present era of climate change. Different lectures will be organized to provide the theoretical understanding on the topic which will be accompanied by the practical work and data interpretation. The trainees will also be exposed to the latest technologies and instrumentation in the area of phenotyping.

Who can Apply?

Interested **Under graduate (Final Year) & Post graduate students (Botany/Biotechnology/Plant Science/Environment Science/Agriculture)** are eligible to apply.

The training will be particularly useful to the students, who do not have access to high end infrastructure and have keen interest towards pursuing research in future.

How to Apply?

The interested candidates may apply for the Internship program by filling the attached google form in the prescribed format. The application will be accompanied by self attested copies of the relevant documents in single file and a **No Objection Certificate (NOC)** obtained from the Head of the department/institute of the parent institution.

Application form

<https://forms.gle/9SN7wekVxtRcfjyT6>



All the correspondences may be addressed to **Vritikaiari@gmail.com**.

Details of Internship:

Duration: **February, 15 – March 15, 2024**

Venue: **Division of Plant Physiology, ICAR-IARI, New Delhi**

Number of Internships: **05 (five)**

Registration Deadline: 25/01/2024

Only shortlisted student shall be communicated through email.

No stipend will be provided for the internship. Certificate will be provided to the interns after the successful completion of the internship tenure and submission of work report.

Selection Process :

Selection of interns will be based on (i) Academic performance from 10th standard onwards till the latest marksheets/transcripts (ii) Participation in co-curricular activities and other awards/distinctions obtained.

Note: A list of selected candidates will be intimated through email.

Nature of support :

Travel, boarding and lodging (shared) will be provided as per GOI norms.

Terms and condition:

The intern should submit a work report on completion of the internship.

The IPR of the research work will be reserved by the Institute.

The intern should abide by the rules and regulations of the Institution and laboratory protocols.

Chief Patron

Dr. Ashok Kumar Singh
Director & Vice Chancellor, ICAR-IARI

Patron

Dr. Viswanathan Chinnusamy,
Joint Director (Res.), ICAR-IARI

Dr. Anupama Singh
Joint Director (Edu.), ICAR-IARI

Dr. R. N. Padaria
Joint Director (Ext.), ICAR-IARI

Event Organizer & Course Director

Dr. Ruchi Bansal, Senior Scientist

Course Coordinators

Dr. Renu Pandey, Head

Dr. Anjali Anand, Professor

Dr. Mahesh Kumar, Senior Scientist

Dr. Pranjal Yadava, Senior Scientist

Mrs. Shashi Meena, Scientist

Division of Plant Physiology, ICAR-IARI, New Delhi