

INTRODUCTION

The Indian Institute of Pulses Research is a premier organization of the Indian Council of Agricultural Research engaged in advance studies on pulses. The Institute has got high level of expertise in different disciplines such as soil science, microbiology, biochemistry, etc. The Institute laboratories are well equipped with modern analytical instruments such as AAS, Auto analyzer, Gas Chromatograph, HPLC, etc., for precise analysis of soil, manures, plants, and water quality attributes.

For maintaining high soil productivity levels without any adverse impact on soil and plant quality characteristics, it is prerequisite to pre-determine the quality of soil, manures and water, the three major inputs identified along with chemical fertilizers to sustain high yield of crops on long-term basis. It is therefore essential that the information regarding the technologies developed recently for the precise and accurate analysis of soil, plant, manures and water are disseminated among the scientific and developmental workers, engaged actively in the field of agriculture. This course is designed to impart both theoretical and practical knowledge about analytical methods to the participants from R & D organizations, agro-industries and NGOs.

OBJECTIVES

This advanced level training programme is primarily aimed at :

- Improving the awareness and skills of the participants in modern analytical techniques for soil, manure, water, plant and grain quality parameters

- Familiarizing the use of sophisticated instruments and their general maintenance
- Imparting on-hand training on the use of modern statistical tools for the interpretation of analytical data

PROGRAMME STRUCTURE

This short-term training programme of 6 days duration is designed to provide basic knowledge about soil and manure quality and analysis of plants, grains and water samples. The program is structured to cover both theory and practical aspects of analysis of different attributes with major emphasis on learning by doing. The major topics would be related to:

- Soil quality characterization and techniques for their assessment
 - Modern methods of plant analysis
 - Manure quality attributes and techniques for their assessment
 - Quality assessment of irrigation water for agricultural purpose
 - Quality parameter of grains
- In addition, visits to established laboratories and group discussions with distinguished scientists will be arranged to familiarize the participants about the importance of inputs quality and its impact on overall profitability at farm level.

ELIGIBILITY AND SELECTION CRITERIA

Candidates possessing at least graduate degree in Science or Agriculture are eligible for the course. Candidates sponsored by Govt. /Semi- Govt.

organizations, fertilizer industries, cooperatives, NGOs, SAUs / ICAR Institutes etc., will be given preference. Private entrepreneurs fulfilling eligibility requirements can also apply. The application/nomination received by stipulated date will be scrutinized and formal admission letter will be issued to the selected candidates. The participants will be required to stay at IIPR, Kanpur, where the requisite boarding and lodging will be made on payment basis. The TA/DA, boarding and lodging charges of the admitted candidates has to be borne by the sponsoring organization.

COURSE FEE

A consolidate fee of Rs 5000/- (Five thousand only) is to be paid by the candidates through Demand Draft in favor of ICAR Unit IIPR, Kanpur drawn on any bank in Kanpur. The fee covers only registration, local transport, and stationery materials etc. The Advance payment of course fee is not to be sent along with the application.

HOW TO APPLY

The application as per the given format, complete in all respect and duly signed by sponsoring authority, should be sent to Director, Indian Institute of Pulses Research, Kalyanpur, Kanpur 208 024 (UP) latest by January 20, 2006. The given format in original or its photostat copies can be used. **Application received after the last date will not be entertained.**

IMPORTANT DETAILS

Last date for the receipt
of application January 20, 2006

Release of admission Letters January 25, 2006

Last date for receipt
of course fee February 15, 2006

Commencement of
the training course February 20-25, 2006

APPLICATION FORM

**Advanced Level Training in Soil , Plant,
Seed, Manure & Irrigation Water Analysis**

February 20-25, 2006

Name of the Candidate -----
(Block Letters)
Qualification -----
Designation -----
Age-----
Organization-----
Mailing address -----

----- PIN Code
Tel. No. (with STD Code) Office-----
Resi.-----
E-mail-----Fax-----
Experience -----

Signature of the applicant with date

For further details, please contact:

**Dr. N.B. Singh, Head of Division (CP)
& Course Director**

Indian Institute of Pulses Research,
Kalyanpur, Kanpur 208024 (UP)

Phone Nos. 0512 -2572464, 25724 65,
Fax: 0512- 2572582 & 2572809

E-mail :msv_bhat@rediffmailcom
rsmiipr05@rediffmail.com

Declaration by the Sponsoring Authority

This is to certify that the information furnished above is correct. If selected , requisite course fee will be paid by the due date and the candidate will be relieved to participate in the said training programme at IIPR, Kanpur .

Signature with seal

Date -----

Advanced Level
Training in Soil, Plant, Seed,
Manure & irrigation water
analysis

February 20-25, 2006



**INDIAN INSTITUTE OF PULSES
RESEARCH**

(Indian Council of Agricultural Research)
Kanpur 280 024 (Uttar Pradesh)