

## Application Form

1. Name (in block letters): \_\_\_\_\_  
2. Sex: M / F    3. Marital Status: Married /Unmarried    4. DoB : \_\_\_\_\_  
5. Designation: \_\_\_\_\_    6. Basic pay: \_\_\_\_\_  
7. Present employer & Address: \_\_\_\_\_

8. Address for correspondence: \_\_\_\_\_  
Email: \_\_\_\_\_ Phone: \_\_\_\_\_

9. Teaching/research/professional experience (mention post held during last 5 years and number of publications):

Sl. No.	Post held	Duration	Publication

10. Mention whether you have participated in any summer/winter school/ short course etc. during last five years under ICAR/ other organization:

Sl. No.	Training	Duration	Year

11. Postal order/ Draft no. \_\_\_\_\_ Bank name/Place \_\_\_\_\_ for amount Rs.50/- (non-refundable) for registration of application (in favor of Director, IARI, New Delhi).

12. Academic Record (Graduation onwards):

Exam passed	Subject	Year of Passing	Board/ University	Class/Rank

Date: \_\_\_\_\_  
Place: \_\_\_\_\_  
**Certificate** (Signature of Applicant)

13. It is certified that the information furnished is as per office records and is correct.

Signature of recommending/forwarding authority:

Designation:

Address with official seal:

ICAR Sponsored Winter School  
(27<sup>th</sup> January – 16<sup>th</sup> February, 2016)

*on*

## Designing Modern Crop Pest Combat Strategies with Nematodes and against Nematodes



Division of Nematology

ICAR - Indian Agricultural Research Institute  
New Delhi-110012



*Sponsored by*

Education Division

Indian Council of Agricultural Research

New Delhi 110012

## About the course:

Plant parasitic nematodes (PPNs) are one of the most important and difficult to manage pests of agri-horticultural crops. Changing climate and agricultural practices are leading to resurgence of nematode problems in newer crops and geographical localities. Due to the absence of any synthetic chemical nematicide, and inadequacy of the present management approaches, there is an urgent need to design and develop environmentally viable, economical nematode management options using modern biological tools and techniques. The small size of PPNs, as well as the fact that many species are obligate biotrophs and cannot be cultured in large numbers, makes them extremely difficult experimental organisms.

This 21 days course is designed to deliver theoretical and hands on training on a wide range of basic and applied topics related to plant parasitic nematodes. The course will cover nematode taxonomy, physiology, management, ecology, regulatory issues, molecular approaches, the model nematode *Caenorhabditis elegans* and entomopathogenic nematodes. Special emphasis would be given on understanding the use of advances in modern biological sciences in designing modern pest combat strategies against nematodes. In-house, as well as guest faculty from outside IARI would take the lectures and the practical.

## About the division:

**Division of Nematology at the ICAR-Indian Agricultural Research Institute** is the pioneering agricultural nematology research centre in the country. Division is at the forefront of the basic and applied research for PPN management, nematode and crop biology, biological control, nematode genomics and entomopathogenic nematodes. With 15 faculty members specializing in different areas in nematology, 5 externally funded projects, 23 M.Sc. and Ph.D. students, 12 technical, 4 administrative, and 7 supporting staff - the Division strives to develop technologies that can reduce the nematode disease burden in Indian agriculture. The division actively cooperates with the AICRP (Nematodes) which is also hosted at the Division.

## Who should apply:

The winter school is open for participants from State Agriculture Universities/ ICAR Institutes/ KVKs /other related organizations. The participant should possess at least M.Sc. Or M.Sc. (Agriculture) degree from any recognized University in Nematology/ Plant Pathology/ Entomology/ Plant Protection; and working in a position not below the rank of Scientist/ Assistant Professor/ Lecturer preferably with teaching/ research experience. Preference would be given to younger candidates actively involved in teaching/research/extension in Nematology. The selection of candidates will be made strictly by scrutiny of the applications as per ICAR guidelines.

## Travel, boarding and lodging:

Participants will be paid travel fare of to and fro journey by rail or bus as per their entitlement restricted to the maximum of AC II Tier. TA will be paid on production of valid tickets. Free boarding and lodging will be provided during this training programme at Kaveri Trainees Hostel, IARI. Participants are requested not to bring family/family members due to paucity of accommodation.

## Application procedure:

As per the mandate by ICAR, the candidates **must** apply online at: <http://www.iasri.res.in> or click on 'capacity building program' link under <http://www.icar.org.in>. Login using user id and password. To create user id use 'create new account' link. After login, click on 'participate in training' link and fill the proforma. Take a printout. Get it signed by sponsoring / forwarding authority. Upload signed-scanned copy at the CBP Home Page. Also send signed copy, along with the postal order/demand draft for Rs. 50/- in favor of 'Director, IARI, New Delhi' through proper channel to the Director of the winter school by post. These guidelines are available at: <http://www.iasri.res.in/cbp/HomePage.aspx>

## How to reach IARI, New Delhi:

From New Delhi Railway Station: 8 km

From Old Delhi Railway Station: 11 km

From Airport (Domestic): 22 km

Nearest Bus Stop: East Patel Nagar /Pusa

Landmarks: Rajendra Place Metro station, JayPee Siddharth Hotel, Pusa Road

## Weather condition:

January-February are cold and foggy in Delhi. The minimum temperature can be around 5°C and mean daily maximum temperature will be about 15°C.

## Important dates to remember:

Last date of receipt of application: **31.10.2015**

Intimation of selection: **15.11.2015**

Course commencement: **27.01.2016**

## Organizers:

Division of Nematology, ICAR-IARI, Pusa Campus, New Delhi - 12

Course Director : Dr. Vishal S. Somvanshi

Course Co-Director: Dr. Uma Rao

## Address for correspondence:

**Dr. Vishal Singh Somvanshi, Course Director**

Senior Scientist, Division of Nematology, LBS Center, ICAR-IARI, Pusa Campus, New Delhi 110012. Email: [vssomvanshi@iari.res.in](mailto:vssomvanshi@iari.res.in) ; Mob: (+91) 9560807738

**Dr. Uma Rao, Course Co-Director**

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