

How to Reach ICAR-NIASM



Distance: Pune to Baramati - 120 km
 Pune to NIASM - 110 km
 Baramati to NIASM - 10 km
 Malegaon Budruk to NIASM - 4 km



Mandate

Basic and strategic research on management of abiotic stresses in crop plants, livestock, fishes and soil microorganisms

Impart quality education in abiotic stress management and emerge as a Global Centre of Excellence

Repository of information on abiotic stresses, mitigation strategies and acceptable policies for knowledge sharing and capacity building

Develop linkages for holistic management of abiotic and biotic stress factors

PATRON

Dr. Jagadish Rane

Director, ICAR-NIASM, Baramati

Course Director

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Course Coordinators

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For details please contact to

Dr. Paritosh Kumar, Scientist (Environmental Science)
Course Director

School of Edaphic Stress Management
ICAR-National Institute of Abiotic Stress Management
 Malegaon Khurd, Baramati-413115, Pune (Maharashtra)

Three days' Workshop

On

Advances in Soil and Water Analysis

(04 to 06th November 2019)



Organized By:

School of Edaphic Stress Management
ICAR-National Institute of Abiotic Stress Management

Malegaon Khurd, Baramati, Pune,
 Maharashtra-413115, India

Three days' Workshop
On
Advances in Soil and Water Analysis

Rapid urbanization, industrialization, mining as well as climate change is creating a range of abiotic stresses all over the globe; responsible for degradation/pollution of natural resources viz. soil, water and air; losses in agricultural production and declining the food quality. This workshop is designed to deliver and sensitize faculties and research scholars with basic knowledge in the sphere of "Recent methods of monitoring the soil health and water quality". The workshop schedule is enunciated in such a way that the trainees will secure hands on experience with latest soil and water quality monitoring techniques; exposure of application of advanced instruments like Inductively Coupled Plasma-Mass Spectrometry (ICP-MS), Atomic Absorption Spectrophotometer (AAS), Flame photometer, UV/VIS Spectrophotometer; soft skills for data analysis and visualization etc.

The ICAR-National Institute of Abiotic Stress Management (NIASM) is a deemed to be University of its kind, focusing on cutting edge multi-disciplinary research in area of abiotic stresses and provides policy support for their management in agriculture through mitigation and adaptation technologies.

Course Content

- Water quality: challenges and opportunities for addressing abiotic stresses in present scenario of climate change.
- Practical session in analysis of water quality indicators (physical, chemical and biological properties).
- How to conduct field experiments on water stress and water productivity.
- Soil health indicators: Physical, chemical and biological properties. Advances in soil quality assessment. Advances in assessment of soil biological diversity.
- Practical sessions on assessment on soil quality indicators.
- Hands on training on Advanced instrumentation facility for detection of micronutrients and heavy metals in soil and water.
- Soft skills for data analysis and visualization .

Eligibility

Researcher/ faculty member of organizations viz. ICAR, SAUs, KVK, Universities /Institutes etc. (having less than 5 year of service or 35 years of age), Graduate, Postgraduate, PhD student of any University/Institute, Research associate, Senior Research Fellow, Young professionals working in any organization. A screening/ assessment committee will make the final selection of the participants for aforesaid workshop.

How to Apply

The participants should send the application in the given format through proper channel duly recommended by the competent authority to the Course Director (Dr. Paritosh Kumar, Scientist, ICAR-NIASM, Baramati or through Email to paritoshagri55@gmail.com latest by 31st, October, 2019. Application form can be Downloaded from ICAR-NIASM website www.niam.res.in.

*The last date for receipt of applications complete in all respects is **31st, October, 2019**.

Selection Procedure

Final selection will be made only after the receipt of hard copy of application forwarded by the competent authority on first come and first served basis. The selected candidates will be informed by email on 01st Nov. 2019.

*The total number of candidates will be selected for this workshop is twenty five.

Registration, Accommodation and Travel

- Registration fee for the workshop is Rs.500/- per candidate. The registration fee will be deposited on spot during registration i.e. on 04th November 2019 at 9.30AM through credit/debit card.
- Workshop will be carried from 9.30 AM to 5.30 PM from 04 to 06th November 2019.
- During workshop a Training kit, all three days lunch and two time tea and course material will be provided to each candidate.
- A Certificate for attending the workshop will be provided to each candidate.
- Expenses towards travel, lodging and boarding to be incurred by the selected candidates.

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APPLICATION FORM

Name:.....

Designation:.....

Discipline:.....

Present employer/student with full address:.....

Address for communication:.....

Contact Number:.....

Email:.....

Date of birth:.....

Sex:.....

Academic Record

Degree with Specialization	Year of passing	Institute/ University	OGPA
UG			
PG			
Ph.D.			

Date:

Place:

Signature of applicant

Recommendation of the forwarding authority

Certificate

Certified that the information furnished by the applicant is found to be correct

Signature and designation of the sponsoring authority