



भाकृअनुप - राष्ट्रीय अजैविक स्ट्रेस प्रबंधन संस्थान

ICAR - NATIONAL INSTITUTE OF ABIOTIC STRESS MANAGEMENT

भारतीयकृषिअनुसंधानपरिषद, कृषि अनुसंधान एवं शिक्षा विभाग

Indian Council of Agricultural Research, Department of Agricultural Research & Education

कृषि एवं किसान कल्याण मंत्रालय, भारत सरकार

MINISTRY OF AGRICULTURE & FARMERS WELFARE, GOVERNMENT OF INDIA

मालेगांव, बारामती, पुणे - 413 115, महाराष्ट्र, भारत

Malegaon, Baramati- 413115, Pune, Maharashtra, India



Dr. Jagadish Rane
Director (A)

033008

F. No: NIASM/MTC/2019-20

Dated: August 17, 2019

Sub: Model Training Course (MTC) on "Climate Change and Abiotic Stress Management Strategies for Enhancing Crop Productivity and Farmers Income" to be held from 04-11 January, 2020 at ICAR-NIASM, Baramati reg.

Sir,

I am happy to inform that a Model Training Course (MTC) as above will be conducted at this institute from January 04-11, 2020. The training programme is being sponsored by the Directorate of Extension, Ministry of Agriculture & Farmers Welfare, Govt. of India. It is proposed to impart training for 20 participants in the area of "Abiotic Stress Management" strategies and technologies for enhancing farmer's income under present climate change scenario. The programme details and format of application form is attached herewith. Interested candidates may submit their application to the Director ICAR-NIASM/Course Director by 15 November, 2019.

It is further requested to give wider publicity to the aforesaid model training course and kindly nominate one or two persons working in your Department/Institute/University/KVK to participate in this training programme.

With kind regards,

Yours sincerely,

(Jagadish Rane)

To,

Director,
Directorate of Agriculture
Vikas Bhavan, Thiruvananthapuram-695 033
Kerala, India.

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APPLICATION FORM FOR PARTICIPATION IN THE MODEL TRAINING COURSE

**“Climate Change and Abiotic Stress Management Strategies for
Enhancing Crop Productivity and Farmers Income”**

(January 4-11, 2020)

(To be sent directly to the Director, ICAR-NIASM/Course Directors of the Model Training Course)

Name :
Designation :
Present employer with full address :
Address for communication :
Telephone (R): (O) : Fax:
Email :
Date of birth : Sex : Male [] Female []
Extension, teaching, research, professional experience: Yes [] No []

Academic Record

Degree with Specialization	Year of Passing	Institute / University	OGPA
UG			
PG			
PhD			

Details of the training attended during the last two years

- 1.
- 2.

Signature of applicant with date and place

Recommendation of the forwarding authority

Date:

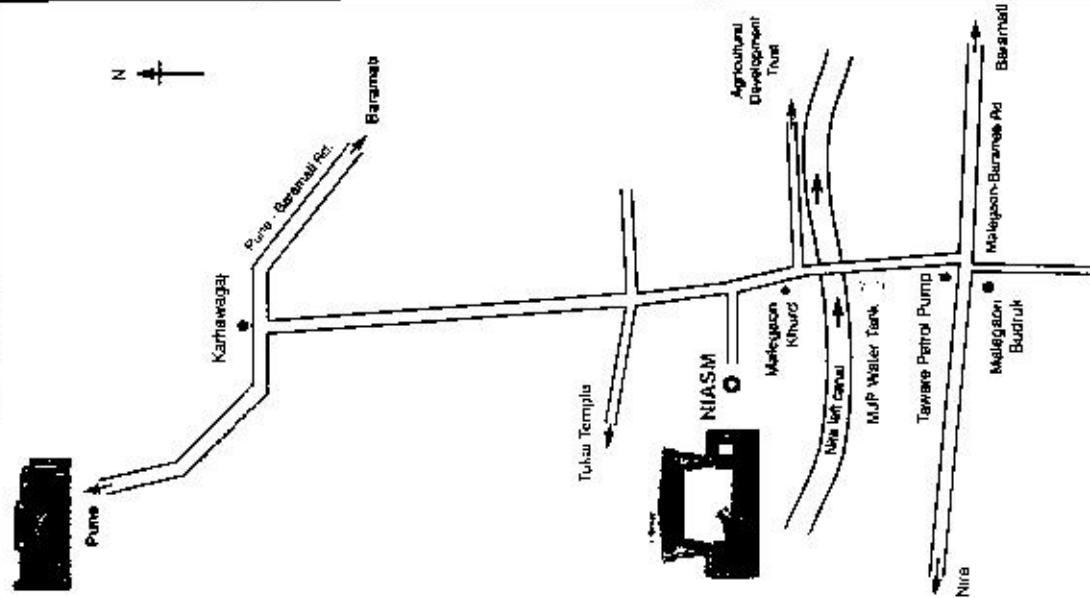
Place:

Certificate

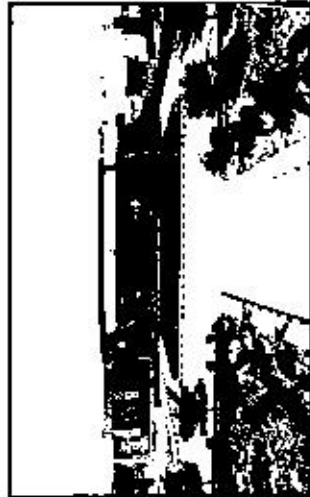
Certified that the information furnished by the applicant is found to be correct. -

Signature and designation of
the sponsoring authority

How to Reach ICAR-NIASM



Distance Pune to Baranasi - 126 km
 Pune to NIASM - 116 km
 Baranasi to NIASM - 10 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 converge as a Global Centre of Excellence
- Repository of information on abiotic stresses, mitigation strategies and acceptable policies for knowledge sharing and capacity building
- Develop strategies for holistic management of abiotic and biotic stress factors

PATRON Jagdish Kane (Director)

ICAR-National Institute of Abiotic Stress Management

COURSE DIRECTOR

Dr. G. C. Wakchoure
 Scientist SS (Agril Structure & Process Engg)

COURSE COORDINATOR

Dr. K. K. Maene, Sr. Scientist (Agril. Microbiology)
Mr. Jitish Kumar, Scientist (Plant Biochemistry)
Mr. Anuresh Choudhary, Scientist (Soil Science)

For details please contact to
Dr. G.C. Wakchoure, Scientist SS (Agricultural Structure & Process Engg)
Course Director

School of Drought Stress Management
 ICAR-National Institute of Abiotic Stress Management
 Melegaon, Baranasi-413115, Pune (Maharashtra)
 Phone: (02112) 254067. Mob: 073359911985. Fax: (02112) 254056
 Email: gcw@iasm.icar.gov.in

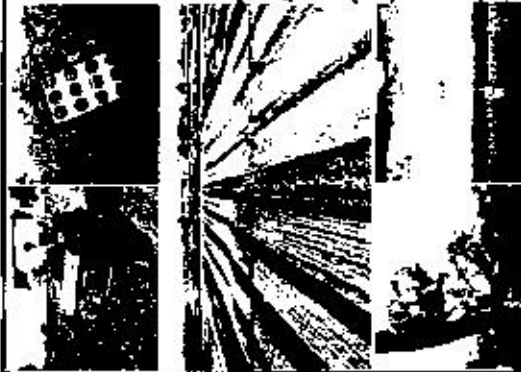


Directorate of Extension
 Ministry of Agriculture & Farmers Welfare
 Government of India

Model Training Course On

Climate Change and Abiotic Stress Management
 Strategies for Enhancing Crop Productivity and
 Farmers Income

(January 4-11, 2020)



Organised by

School of Drought Stress Management
 ICAR-National Institute of Abiotic Stress Management
 Melegaon, Baranasi, Pune, Maharashtra - 413 115

Sponsored by

Directorate of Extension
 Ministry of Agriculture & Farmers Welfare
 (Department of Agriculture, Cooperation & Farmers Welfare)
 Government of India, New Delhi

Model Training Course On

Climate Change and Abiotic Stress Management Strategies for Enhancing Crop Productivity and Farmers Income

This training programme is designed to deliver and sensitise extension functionaries, farmers and research scholars with hands on knowledge in the sphere of "Climate Change and Abiotic Stress Management" technologies and strategies. Their potential applicability for enhancing crop productivity and farmers income by alleviation of abiotic stresses in agriculture under present climate change scenario. The training schedule is constituted in such a way that the trainees will secure hands on experience with latest abiotic stress management techniques and their application for transforming and resurveying agricultural development under the new realities of climate change and abiotic stress management.

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 areas of abiotic stresses and provides policy support for their management in agriculture through mitigation and adaptation technologies.

Course Content

About the abiotic stress : Introduction to major abiotic stressors and its impact on agriculture, management practices and advanced technologies for mitigating the major abiotic stresses in crops, animals and fishery, Current status, need based climate smart agriculture approaches for enhancing crop productivity and farmers income under abiotic stress conditions

Climate change, food security and climate smart agriculture : Climate change, challenges and impact, climate change policies to ensure food security, key characteristics, of CSA, ICT's and mobile apps for climate smart agriculture

Water and soil management strategies for enhancing crop productivity : Water energy food nexus, soil-water-plant relationship, guidelines for water conservation, crop water productivity functions and low external input and sustainable agricultural practices, irrigation scheduling and water management strategies

Climate resilient crop production system for abiotic stresses mitigation : Conservation agriculture system, precision farming, organic and inorganic inputs, tillage and nutrient management system, integrated pest management, crop selection, rotation and integrated farming for sustainability

Climate resilient horticulture : Climate resilient approaches and practices for abiotic stress alleviation in major horticulture crops, protected horticulture, secondary and tertiary value addition

Novel microbial, biotechnological and phenomics approaches for enhancing crop and water productivity : Microbial mediated abiotic stress alleviation, biotechnological approaches for identifying climate resilient crop plants, phenomics for enhancing intrinsic water use efficiency and screening of abiotic stress tolerance cultivars

Location and Weather Conditions

Baramati has a pleasant climate and is well connected by road, rail and air (Pune). Baramati is located at 120 km from Pune. The weather during the training period will be pleasant and pleasant. The temperatures during the training period will be around 26-28°C (day) and 18-20°C (night).

Eligibility

Extension functionaries/ Researcher/ Field level Officers (AO/ADO/ADA/AS/SA) nominated by State Development Departments (Agriculture, Horticulture, Animal Husbandry, Dairy, Fishery etc.) of all the States/UTs, Government/Non-Government organizations viz., ICAR, SAUs, KVAFSU, Universities/Institutes etc. A total of 20 candidates will be selected for this course. A screening/assessment committee as per the stipulated guidelines of the DOE will make the final selection of the participants for aforesaid model training course (MTC).

How to Apply?

The participants should send the application in the given format through proper channel duly recommended by the competent authority to the Director, ICAR-National Institute of Abiotic Stress Management, Malshej Kherd, Baramati-431115, Pune (M.S.). The applicant may also send an advance copy of their filled application by email at director.niasm@icar.gov.in and goraksha.vaidichuan@gmail.com. Latest by 15th, November, 2019. The last date for receipt of application complete in all respects is 30th, November, 2019. Application form can be downloaded from ICAR-NIASM website: www.niasm.res.in.

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 post or email within a week after the last date of receiving application.

Accommodation and Travel

Reimbursement of travelling expenses to the trainees nominated by State Development Departments shall be made as per their settlement and ODR norms specified in the Guidelines for organizing MTC. In case, the trainees from other organizations viz., ICAR, SAUs, KVAFSU etc., their TA/DA may come by their respective organizations/fundings. However, all trainees, may avail the lodging/boarding and other facilities in the host training institutions (ICAR-NIASM).

Model Training Course on Climate Change and Abiotic Stress Management Strategies for Enhancing Crop Productivity and Farmers Income

APPLICATION FORM

Name: _____

Designation: _____

Present employer with full address: _____

Address for communication: _____

Telephone (R) _____ (C) _____ Fax: _____

Email: _____

Date of birth: _____

Sex: Male Female

Extension, teaching, research, professional experience: Yes No

Academic Record

Degree with Specialization: _____ Institute / University: _____

Year of Passing: _____ O GPA: _____

UG: _____

PG: _____

Ph.D.: _____

Details of the training attended during the last two years

1. _____

2. _____

Signature of applicant with date and place: _____

Recommendation of the forwarding authority: _____

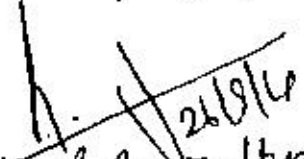
Certificate

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

Signature and designation of the sponsoring authority: _____

Order No. 1E(2) - 33008/2019 dt. 26/9/2019

Copy communicated to all Principal Agricultural Officers for sending nominations of officers who have not attended the similar training programme previously. Nominations should include contact details and e-mail id of the participants. Nominations should reach this office on or before 15/10/19 via the e-mail id ~~jdatsing~~ jdatsing@gmail.com through proper channel.

For  26/9/19
Director of Agriculture
AD & FW Department
Thiruvananthapuram

Joint Director of Agriculture (AR & F)
Directorate of Agriculture,
Thiruvananthapuram

Copy to IT cell for
uploading in website

V.
24/9/19