

Advances in Climate Resilient Agro-techniques for enhancing crop productivity and Sustainability

Background: The pace and extent of climate change across the globe is widespread and an undisputed phenomenon. It is going to affect the food production apart from endangering the ecosystems. It is demonstrated that on an average the yield of crops will go down to an extent of 4.5 to 9 percent in India accounting to 1.5% of GDP per year. It is predicted that the extreme events of rainfall coupled with increased incidences of droughts, floods and frosts results in fragile ecosystems.

Karnataka is one of the agrarian state depends mainly on S-W monsoon for food production. It is projected that the state is going to experience a warming of 1.8 to 2.2 °C by 2030 apart from occurrence of frequent droughts especially in rainfed areas of North and South interior Karnataka. Whereas the costal Karnataka is expected to experience extreme events of rainfall apart from increase in temperature. Hence climate change adaptation in agriculture as well in horticulture sectors warrants a special attention. Climate Resilient Agriculture is considered as a felicitous strategy for future agricultural development because it encompasses the objectives of sustainability, food security and climate change adaptation in one umbrella.

Realizing the need for planned efforts to address the challenges of climate change and variability and to develop, evaluate and demonstrate Climate Resilient Agro-techniques for Agricultural and Horticultural crops,

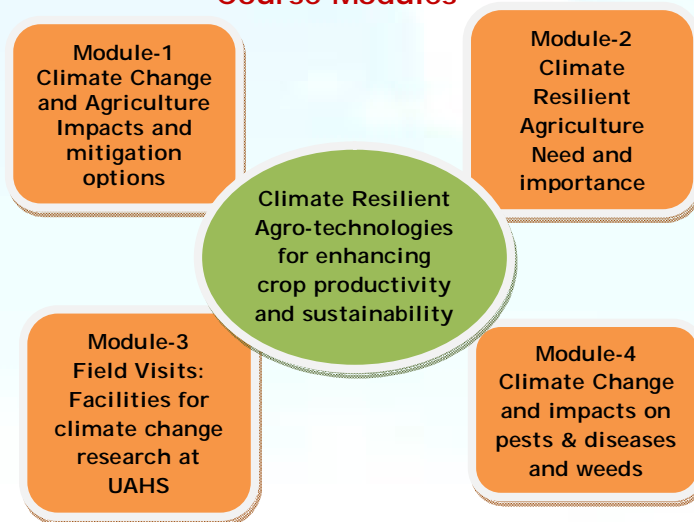
University of Agricultural and Horticultural Sciences, Shimoga has started a Center for Climate Resilient Agriculture at Shimoga campus.

As a part of the capacity building programmes of CCRA, the ensuing training program is being organized for the benefit of different stakeholders of agriculture and horticulture sectors including scientific staff of different state and central agricultural universities and research institutes.

Course objectives:

- To create awareness about the impacts of climate change on agriculture and horticulture sectors.
- To impart training on Climate Resilient Agro-techniques for researchers, extension agencies and planners of different departments.
- To impart training of likely effects of climate change on pests, diseases and weeds and their management strategies.

Course Modules



Course Components:

The course uses 'interactive learning and sharing' training methods. Will make use of power point presentations, field visits, plenary and group discussions and group exercises. Participants will learn from and share experiences with national experts who are involved in climate resilient agriculture projects.

Target Participants: Scientists and faculty members of SAUs not below the rank of Assistant Professor or Scientist or an equivalent rank, officials of line departments i.e. Agriculture /Horticulture / Animal husbandry. The number of participants will be limited to 30. Efforts will be made to have a mixed profile of participants in terms of subject matter discipline, geography, organization and gender.

Nomination: The eligible and interested candidates are requested to send their nomination through their organization in the prescribed format (given overleaf) to the Course Coordinator.

Travelling Allowance: Participants will be paid to and fro fare for journey performed by the shortest route by rail or bus or other means of transport. The payment will be made as per their entitlement but restricted to maximum of AC III tier train fare.

Duration: The duration is 5 days i.e., from 21st to 25th January - 2019. Outstation participants are required to arrive latest by evening of 20th January 2019 and plan to leave by 25th evening.

Lodging and boarding

Lodging and boarding facilities will be provided free of cost to the participants at UAHS campus. You are requested not to bring your family members, as the accommodation is strictly meant for trainees only.

Venue

University of Agricultural and Horticultural Sciences, Shivamogga which is located at a distance of 5 km from railway station and government bus stand.

Important Dates

Last date for receipt of applications: 10th January 2019.

Intimation to selected applicants: 12th January 2019.

Address for Correspondence
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APPLICATION FORM

Training program on "Advances in Climate Resilient Agro-technologies for enhancing crop Productivity and Sustainability" during 21st to 25th January 2019

1. Name (in block letter):
2. Designation:
3. Address for correspondence including email id & phone number:.....
4. Permanent address:.....
5. Sex:.....
6. Marital status:.....
7. Academic qualifications:

Degree	Discipline	Year	Class	Board /university

8. Experience Teaching/research/extension:

Designation /position	Organization	From	To	Nature of work or responsibility

9. Recommendation of the forwarding institute :

Date:

Signature of the applicant

UNIVERSITY OF AGRICULTURAL AND HORTICULTURAL SCIENCES, SHIMOGA



Training program on "Advances in Climate Resilient Agro-techniques for enhancing crop productivity and Sustainability" (21st -25th January, 2019)

Course Director
Dr. S. Sridhara

Course Co-coordinators
Dr. S. Pradeep
Dr. T. Basavaraj Naik

Organized by
Center for Climate Resilient Agriculture
University of Agricultural and Horticultural Sciences, Shimoga

