

ACCOMODATION & TRAVELLING ALLOWANCE

The boarding and lodging expenses for selected candidates will be borne by the organizers as per ICAR guidelines. **The participants are advised NOT to bring family members with them.**

The expenditure on travel by the participants from SAU's, ICAR institutions and other organizations will be paid as per their entitlement for the class of travel restricted to the maximum of AC II/III tier fare (except Rajdhani & Shatabdi) or Bus or any other means by shortest possible route subject to availability of funds. Participants are requested to produce the original and photocopies of tickets in support of their claim.

Note: Reimbursement of airfare will not be done under any circumstances.

PATRON

Dr. O.P. Yadav
Director, CAZRI, Jodhpur

CONTACT ADDRESS

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Mailing Address:
Course Director
ICAR Summer School 03-23 August, 2016
ICAR-Central Arid Zone Research Institute (CAZRI)
Jodhpur – 342003 (Rajasthan)

For any other update, log on:
www.cazri.res.in

APPLICATION FORM

ICAR Summer School on

Livelihood and Climate Change Mitigation & Adaptation through Agroforestry

03-23 August, 2016

1. Full name (in BLOCK letters):
2. Designation:
3. Present Employer and address:
4. Address to which reply should be sent (in BLOCK letters):
- Mobile No. Email:
5. Permanent address:
6. Date of birth:
7. Sex: Male /Female:
8. Teaching/research/professional experience: (mention post held during the last 5 years and number of publication)

S.No.	Post held	Period with dates
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9. Marital status:
10. Mention if you have participated in any Seminar, Summer/ Winter School/ Short Course, etc., during the previous years under ICAR/other organizations:

11. DD No. Dated..... of Rs. 50/- (NON REFUNDABLE) for registration of application (in favour of ICAR-CAZRI, Jodhpur)

12. Academic record: (Degree onwards)

Exam passed	Subjects	Year	Division	University
Bachelor				
Master				
Doctorate				
Post-Doc				

Signature of the applicant with date & place

13. Recommendation & Certificate of sponsoring institute:

Signature with date, designation and address
(Office Seal)

INFORMATION BROCHURE

ICAR SUMMER SCHOOL

on

Livelihood and Climate Change Mitigation and Adaptation through Agroforestry

03 - 23 August, 2016

Sponsored by



ICAR, New Delhi

Course Director

Dr. C.B. Pandey

Course Coordinator

Dr. Mahesh Kumar Gaur

Organized by



ICAR - Central Arid Zone Research Institute (CAZRI)

Jodhpur – 342003

(Rajasthan)

Livelihood and Climate Change Mitigation and Adaptation through Agroforestry

Global warming is causing rise in temperature and disturbance in rainfall amount and its distribution pattern which affects crop production adversely. According to an estimate, 1°C rise in temperature will necessitate additional water requirement of 40-200 mm in arid conditions. Temperature is expected to rise about 2°C by 2050 which is likely to affect crop production adversely.

Developing countries are bearing the more brunt of climate change and suffer from its negative impacts. Global conventions have failed miserably to curb the increase of greenhouse gases (GHG) in the atmosphere. Adaptation is advocated as one of the strategies to overcome the effect of climate change at local level. Change in climate affects plants, animals and ultimately human beings at local, regional and global levels. Under the scenario of climate change, food, fodder, fuel and fibre production, environmental services and rural livelihoods need to be improved to meet the requirement of burgeoning population in the country. Adaptation is advocated to be one of the efforts towards this end.

Agroforestry moderates micro-climate, therefore, is seen as a tool to mitigate and adapt climate change; simultaneously it provides resilience to agriculture and offers multiple products to the farmers that cater their livelihood needs.

The course will provide an opportunity to the participants to interact with subject-experts and fellow workers from different parts of the country and update themselves with the latest information in the field.

COURSE CONTENT

The course has been designed to give exposure to participants about up-to-date knowledge of agroforestry studies particularly in relation to mitigation and adaptation of climate change. The knowledge will be imparted through lecture and practical sessions by the experienced scientists of ICAR-CAZRI and well known professors and scientists from universities and different research organizations across the country.

Outreach programs will be organized to visit promising agroforestry models, tree based industries and villages to evaluate local traditional wisdom that help adapt climate change. Provision has also been made for internal review to assess the progress of the participants through group discussions, quizzes, etc.

ELIGIBILITY

Master's degree in Forestry, Agroforestry, Agriculture (any subject), Forest Production & Utilization, Agro-meteorology and relevant basic sciences.

Working not below the rank of Assistant Professor/ Scientist/ Lecturer/ equivalent in the concerned subject under Agricultural Universities /ICAR Institute and relevant universities / organizations.

HOST INSTITUTE

Central Arid Zone Research Institute (CAZRI) owes its origin from the Desert Afforestation Research Station, which was established in 1952 at Jodhpur and was upgraded to the Desert Afforestation and Soil Conservation Station in 1957. In order to put appropriate emphasis on arid zone research and development, the Government of India in 1958 sought the advice of an UNESCO expert, Mr. C.S. Christian, upon whose suggestion the Institute came into existence on October 1, 1959. The Institute conducts multi-disciplinary research to seek solutions to the problems in hot arid zone of the country, covering about 32 million ha area and the cold arid zone, covering about 7 million ha. The institute is mandated to carry out following activities: To undertake basic and applied research for sustainable farming systems in the arid ecosystem; act as repository of information on the state of natural resources and desertification processes and its control; develop livestock-based farming systems and range management practices for the chronically drought-affected areas depending on livestock species; utilize high and precision technologies in production systems; provide scientific leadership and to develop collaboration; act as a centre of learning for arid land management technologies, etc. Besides the Institute Headquarters and a Central Research Farm at Jodhpur, CAZRI has five Regional Research Stations at Bikaner, Jaisalmer and Pali in Rajasthan, at Kukma near Bhuj in Gujarat and Leh in J&K (to cater cold arid region of the country). Dr. P.C. Raheja Library has a rich collection of literature on arid environment.

HOST CITY

Jodhpur traditionally known as the "**Sun City**" was founded by Rao Jodha, a chief of Rathore clan, in 1459. It is the second largest city in Rajasthan and a very popular tourist destination. Jodhpur is best known for Mehrangarh (*Majestic Fort*), Umaid Bhawan Palace, Mandor Garden and Clock Tower. They have a typical Marwari accent. Jodhpur is famed for its traditional sweets and spicy savouries. The lifestyle in Jodhpur is quite fascinating. Lending a romantic aura to Jodhpur, are its exquisite handicrafts, folk dances, folk music and the brightly attired people.

The desert people are quite affable. Jodhpur has emerged as Centre for Academic Excellence where apart from CAZRI and ISRO, a number of institutions like IIT, AIIMS, ONGC, DRDO, AFRI, National Law University, Ayurvedic University, Police & Forensic Science University, NIFT are located. Famous *Osiar* sand dunes are just 65 km away from the city. The weather during August month will be pleasant as the temperature ranges from 24-34°C with occasional showers. Jodhpur city is well connected with the national capital and other Indian cities through Air, Rail and Road transport. The Institute is located within 6-8 km of the respective terminals. Jodhpur is about 600 km away from Delhi, 300 km from Jaipur, 450 km from Ahmedabad and 280 km from Udaipur.

HOW TO APPLY

Interested candidates may apply online by registering at CBP vortal (<http://cazri.res.in/cbp/>) strictly following the guidelines available at link (<http://cbp.icar.gov.in/ToDownload/Guidelines%20to%20participate%20in%20training%20program.pdf>) latest by **07th July, 2016**. Hardcopy of successfully submitted online form and application filled in prescribed format along with **Demand Draft of Rs. 50/-** (non-refundable) drawn in favour of **ICAR-CAZRI**, payable at **Jodhpur** should be sent to Course Director through proper channel latest by **15th July, 2016**. The list of the selected participants will be displayed on ICAR-CAZRI website www.cazri.in and will be conveyed to the applicants through e-mail. In case of any query, please contact Course Director or Course Coordinator. **Only 25 participants shall be selected for the course.**

IMPORTANT DATES

Last date for receipt of application:	15.07.2016
Intimation of selection:	20.07.2016
Confirmation of participation by candidates:	25.07.2016

Note: Only selected candidates will be intimated through e-mail, fax or by post to which they should reply promptly with firm acceptance and travel plans.