

**REGISTRATION FORM FOR PARTICIPATION IN
ICAR SPONSORED SHORT COURSE**

ON

“ARID FRUIT CROPS DIVERSIFICATION, RECENT PRODUCTION TECHNOLOGIES AND VALUE ADDITION FOR SUSTAINABLE LIVELIHOOD AND DOUBLING FARMER’S INCOME”

ORGANIZED BY

UNIVERSITY OF AGRICULTURAL SCIENCES, RAICHUR

1. FULL NAME :
2. DESIGNATION :
3. PRESENT EMPLOYER AND ADDRESS :
4. BASIC PAY :
5. DEPARTMENT/DISCIPLINE :
6. CORRESPONDENCE ADDRESS :
- POSTAL ADDRESS :
- MOBILE NO. :
- EMAIL ID :
7. SEX: MALE/FEMALE :
8. TEACHING/RESEARCH/EXTENSION EXPERIENCE
- NUMBER OF PUBLICATIONS DURING LAST 5 YEARS
- MENTION POST HELD
9. DETAILS OF DEMAND DRAFT/POSTAL ORDER :
10. ACADEMIC RECORD

Examination passed	Subject	Year of passing	Class	University	Other information
B.Sc. (Agri.)/B.Sc. (Hort.)					
M.Sc.(Agri.)/ M.Sc.(Hort.)					
Ph.D					

Date: _____ Signature of the applicant

Place: _____

Recommendation of forwarding Institute

It is certified that the information has verified by the office records and found correct

Signature and designation

Sponsoring authority (with seal)

Date: _____

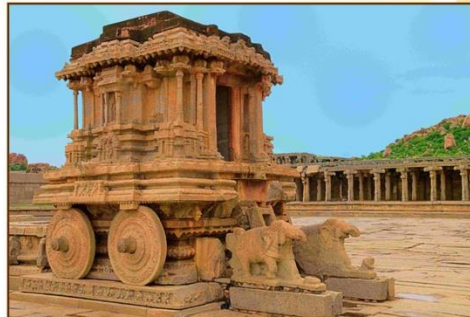
Place: _____

**All the correspondence may be made to
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University Adminstrative Building



Hampi Stone



**University of Agricultural Sciences, Raichur
ICAR Sponsored Short Course**



On

“Arid fruit crops diversification, recent production technologies and value addition for sustainable livelihood and doubling farmer’s income”

(3-12 January, 2022)



**Course Director
Dr. A. R. Kurubar**

**Course Co-Directors
Dr. M. G. Patil
Dr. Ashok H. Hugar**

**Course - Coordinators
Dr. A. G. Sreenivas
Dr. Udaykumar Nidoni
Dr. M. R. Umesh
Mr. Kapil Patil**

**Organised by
College of Agriculture, Raichur
University of Agricultural Sciences
Raichur-584104, Karnataka**

BACKGROUND

Indian arid zone is characterized by high temperature and low and variable precipitation, which limit the scope for high crop productivity. These conditions greatly favor the development of high quality produce as in a number of fruit crops such as date palm, ber, aonla, bael, pomegranate, lasoda, custard apple, fig, tamarind, guava, jamun, bael, karonda and wood apple etc. Apart from customary use as food, arid fruits and have various health advantages as it potentially provides immunity to many diseases. Accordingly, Ayurveda, the Indian Folk medicine was developed from wild fruits and plants. Arid fruits have both restorative as well as curative properties viz. aromatic, cooling, digestive, stomachic, stimulant, astringent, emollient, useful in seasoning, maturation and fermentation of culinary, processed food and drinks. The existing low productivity could be increased by adopting improved new technologies and inputs. The area and yield potential of arid horticultural crops in Kalyana-Karnataka has increased many-fold because of the development of new varieties and agro-techniques. However, there are many constraints prevailed in these regions like, poor soil fertility, low organic carbon, limited water resources, low and erratic rainfall pattern have limited further exploitation of their potentiality. The recent awareness regarding the potential of these ecologically fragile lands for production of quality produce has not only opened up scope for providing nutritional sustainability for the people of this region, but also for bringing in new areas to increase horticultural production. The University has made tremendous progress in research and extension apart from teaching to meet these challenges of the region. Technologies on pruning techniques in guava, post harvest studies in fig, pomegranate and custard apple, productivity improvement in acid lime, sweet orange, ber, etc.

ABOUT THE VENUE

Raichur is located in between two great rivers of Tungabhadra and Krishna whose irrigation projects serve as base for the Northern Karnataka farming community. The region is regarded as "Rice and Pulse bowls" of Karnataka. The city in the past was ruled by Mouryas, Chalukyas, Bahamanis and Vijayanagara Kings. Raichur Thermal Power Station (of KPCL) and Sri.Raghavendraswamy Temple, Mantralayam are the two land marks of the city. World heritage centre of Hampi (the ruins of Vijayanagara Kingdom), Golgumbaz of Vijayapura district etc are important nearby places of

tourist interest. Raichur is well connected by road and rail from New Delhi, Mumbai, Chennai, Bangalore and Hyderabad. University of Agricultural Sciences, Raichur was established as Third Agricultural University in the Karnataka state by bifurcating erstwhile UAS, Dharwad in the year 2009 and covers seven districts of Kalyana-Karnataka region. The University has main campus an area of 247 hectare of its land comprising Main Agricultural Research Station, College of Agriculture, College of Agricultural. Engineering and Krishi Vignana Kendra. The College of Agriculture, Raichur has attained the status of prime institution as it has been awarded with ISO 9001:2008 certifications for best quality management from Bureau Veritas. The weather during January will be pleasant with a minimum of 17.7°C and maximum of 30.2°C.

MAJOR THRUST

- To enhance the arid fruit crops diversification in vulnerable farming systems and livelihoods in the face of climate change
- To learn recent production technologies for sustainable livelihood and doubling farmer's income
- To learn new and cost effective processing methods and marketing linkages in arid fruit crops
- To learn role of farmers producers organization and public-private in transformation of information on real time basis.

COURSE OUTLINE

- Recent achievements in different arid fruit crops improvement
- Potential of arid fruit genetic resources for food and nutritional security
- Advanced technologies in production of pomegranate, custard apples, guava, Fig, Jamun
- Alternate land use systems in dryland ecosystems
- Organic production system in arid fruit crops
- Inclusion of arid fruit crops under integrated farming system
- Concept of high density planting system in arid fruit crops
- Crops and cropping horticulture crops in Agri-horti system
- Resource conservation technologies in arid fruit crops
- Recent approaches in plant protection among arid fruit crops
- Nutritional importance of arid fruit crops
- Post harvest management and value addition
- Entrepreneurship and market linkage in arid fruit crops
- Farmers producers organizations, companies issue and challenges

PRACTICAL/FIELD VISIT

Visit to Processing and Food Engineering Department, CAE, Raichur, Visit to arid fruits crops section of MARS, Raichur visit to progressive farmer fields arid fruit orchards and processing units.

DURATION OF THE COURSE

The Short course programme is of 10 days from 3rd to 12th January, 2022. The participants are expected to arrive at UAS, Raichur, Latest by January 2nd Evening and may leave after 17.00 hrs on 12th January, 2022.

ELIGIBILITY

Short course is open for professionals working not below the rank of Assistant Professors and Equivalent from ICAR institutes/ SAU'S/CAU/ Agricultural faculty AMU, BHU, Vishwa Bharati and Nagaland University.

APPLICATION PROCEDURE

- ICAR mandates that candidates apply through CBP Portal on capacity building link under www.icar.org.in
- After login click on participate in training link and fill the proforma. Take a printout get it signed by competent authority of organization. Load signed scanned copy to cbp home page. Also send signed copy. Including the sum of Rs. 50/- postal order in favour of Course Director, UAS, Raichur.

IMPORTANT DATES

Last date for receipt of application : 20.12.2021
Intimations of the selection : 25.12.2021

TRAVEL, BOARDING AND LODGING

- The participants should abide by the UAS rules.
- TA to the participants will be paid as per their entitlement for class of travel restricted to the maximum AC II rail fare or bus as the case may be on the production of original receipt / ticket from the shortest route.
- Participants are requested not to bring family/family members due to paucity of accommodation
- Participants will be received at Raichur railway station,, Raichur bus station on prior intimation of travel information
- Free lodging and boarding facilities will be provided to the participants in the training hostel of the University.

HOW TO REACH RAICHUR

Raichur is well connected by rail and roadways from different parts of the country. The participants travelling by bus/train should alight at bus or rail way station and organisers will receive them as well.