

Chickpea improvement and Jawaharlal Nehru Awards (16) for outstanding contributions in the field of agricultural research. The University has about 100 National and International Academic collaborations. Research needs of farmers in the region are catered through 30 research stations spread across five agro-ecosystems and 26 All India Coordinated Research Projects (AICRPs).

About IIT Dharwad

Indian Institute of Technology Dharwad (IIT Dharwad) is an autonomous premier Science and Technology Institute established by the Ministry of Education, Government of India in 2016 under the mentorship of IIT Bombay. Academic activities at IIT Dharwad commenced in July 2016 with B.Tech course being offered in three core branches, namely, Computer Science, Electrical Engineering and Mechanical Engineering. The current intake at the institute stands at 40 students in each of the specializations. PhD and M.S program commenced from January 2018 and August 2019 sessions.

About the City

Dharwad is the district headquarters in Karnataka and merged with Hubballi city in 1961 to form the twin city. Hubballi-Dharwad is the second-largest city in Karnataka after Bengaluru. While, Dharwad is the administrative headquarter, the city of Hubballi, is the commercial centre and business hub of North Karnataka. Dharwad is famous for its Dharwad Peda, a milk based sweet. Dharwad district is the place which produced national and international level musicians like Mallikarjun Mansur, Gangubai Hangal, and winner of the Bharat Ratna award, Pandit Bhimsen Joshi. It has prestigious educational institutions. The twin cities are familiar for their historical monuments of architectural and religious importance, viz., Banashankari Temple, Nuggikeri Hanuman Temple, Nrupatunga Hill, Navagraha Teertha, Indira Gandhi Glass House Garden, Unkal Lake and Siddharoodha Math.

Places of Importance: Badami, Aihole and Pattadakallu, Gol Gumbhaj (Vijayapur), Hampi, Gokarna, Utsav RockGarden (Gotagudi, Haveri) and Goa.

GI Tags: Dharwad Pedha, Dharwad Cotton Sarees, Belagavi Kunda and Gokak Kardant.

Lead Educational Institutes: Karnataka University, Indian Institute of Technology, University of Agricultural Sciences, Law University, KLE Technological University and Medical institutions.

Important Dates

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| Last date for receiving applications | 30-12-2022 |
| Intimation of selection | 02-01-2023 |
| Intimation of acceptance by the candidate | 05-01-2023 |
| Training period | 30-01-2023 to 11-02-2023 |

Course Director

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ICSSR, New Delhi Sponsored Capacity Building Programme

on

Advances in Managing Climate-Water-Food Nexus

30th January to 11th February, 2023



Organized by

Department of Agricultural Economics, College of Agriculture, University of Agricultural Sciences Dharwad, PIN: 580005, Karnataka

and

Department of Humanities and Social Sciences, Indian Institute of Technology (IIT) Dharwad, PIN: 580011, Karnataka

Program E-mail: cbpiituasd@gmail.com



Background

Climate change has emerged as a global threat to humanity with multi-faceted impacts on several sectors. This process has been accelerated by a host of anthropogenic activities. The agricultural sector is considered the most vulnerable sector to climate change. The higher climatic vulnerability of the agricultural sector is directly affected by its dependence on climatic variables and the poor resource availability to the farmers. Climate change affects agriculture in both direct and indirect ways. Accordingly, the developing nations, where agriculture possesses a significant share in respective Gross Domestic Products, are the worst affected. The developing countries located in southern Asia and sub-Saharan Africa are already considered to be highly vulnerable to climate change and are expected to experience the worst consequences in the future. India is also highly susceptible to the impacts of climate change, and the frequency and intensity of extreme weather events and natural calamities have increased manifold over recent years.

Understanding the strong nexus between climate, water, and food (CWF) is essential for building resilience in agriculture, water resource systems, and the overall agrarian economy against future climate change and variability. The CWF nexus itself is a complex phenomenon, and requires familiarizing early career researchers with theoretical advances and tools from multiple social science and physical science disciplines. In order to build such research capacity to address the CWF nexus, the current capacity building programme brings together experts representing a broad spectrum of disciplinary backgrounds.

About the Course

The course mainly involves lectures and hands-on activities on data analysis and technical writing offered by experts on different aspects of CWF nexus and quantitative social science research. This is a multi-disciplinary programme and will contribute to understanding, quantifying, and managing CWF nexus in the context of Indian agriculture. Topics will include natural resource management, climate change and sustainability, environmental impact assessment models, oceans & climate change, climate change impacts on agriculture and ground water, statistical modelling of climate variability & on research priorities etc.

Date and Venue

The course is of 12 days **duration from January 30th to February 11th, 2023** at the Department of Agricultural Economics, University of Agricultural Sciences, Dharwad. It is on the National Highway No. 04, connecting Pune (Maharashtra) to Bengaluru (Karnataka) and well connected by rail and road ways and airport at Hubballi.

Eligibility

Participants should be a Lecturer/Assistant Professor in a UGC recognized Indian University/deemed university/College/institutes of national importance and ICSSR Research Institutes and their **application should be duly recommended/approved by the parent institution.**

Online Application

Interested candidates have to apply by filling the **Registration form at** <https://forms.gle/FbxGgqbr8U4VUCuu8> without registration fee. All the fields in the form should be duly filled and sent before the closing date. If required an advance application may be sent to cbpiituasd@gmail.com. However, their selection will be subject to receiving of

approved applications only. The selection of candidates will be informed through e-mail only and they should confirm the acceptance/participation through a return e-mail within the due date of acceptance.

Travel and Accommodation

Travel fare to & fro will be provided as per the norms. The reimbursement will be limited to AC III tier by Train/Bus by shortest route from their place of working for attending the course. Travel by Air is not permissible. Photocopy of ticket by train/bus needs to be produced for reimbursement. For out station participants free accommodation will be arranged on twin sharing basis with meals and refreshments as per rules. Participants are requested not to bring family members.

About UAS Dharwad

The University of Agricultural Sciences, Dharwad, established on 1st October 1986, presently has 5 Degree/PG Colleges, 7 Diploma Colleges, 30 Research Stations, 6 Extension Education Units, 6 Krishi Vigyan Kendras and the ATIC. The University, with its jurisdiction spread over seven districts of northern Karnataka namely Bagalkot, Belagavi, Dharwad, Gadag, Haveri, Uttar Kannada and Vijayapur caters to the research needs of diverse soil types, climate, topography, cropping and farming situations. As per ICAR Ranking (2020), the University stands Ninth among Agricultural Universities in the Country and First in the State. The University has won several prestigious awards: National Productivity Council Award (1986-87), CGIR King Baudouin Award (2002) and ICRISAT's Doreen Mashlar Award (2002) for