#### **REGISTRATION FEES (in Indian rupees)**

Category	Regular registration (till 20th January, 2020) (₹)	Spot registration (₹)
Scientists working under SAUs, ICAR system (with or without abstracts)	3000	3500
Dr. S W Mensinkai Foundation Members*	2500	3000
PG Students (Certificate from the concerned Institution need to beenclosed)	1000	1500
Delegates from corporate firms	4000	6000

\*Note: Retired Members of Dr. S W Mensinkai Foundation participating in the conference are exempted from registration fees

Registration for the conference is mandatory for participation and acceptance of abstracts. The acceptance of abstracts will be conveyed immediately after scrutiny by technical committee.

#### ACCOMMODATION

Accommodation for limited number of out station delegates could be arranged on request of the delegate on first-cum-first-servebasis at UAS, Dharwad guest houses as per prescribed University charges.

#### For Hotels in Dharwad contact the following:

Hotel	Phone Number	Hotel	Phone Number
Hotel GenX Dwarawata	0836-279 0999	Mayur Aaditya Resort	0836-2461701
Karnataka Bhavan	0836-2443172	Kamat Yatri-nivas	0836-2461161
	2442261	Karishma Residency	0836-2436441
Ankita Residency	9886942333	Travel Inn	0836-2464848
Shri Sai Residency	88612 29483	1	
Hotel Mandhar Regency	0836-2444420		

#### For other queries please contact the following faculty:

#### **Organizing Secretary:**

#### Dr. B. D. Biradar,

Professor and Head, (Dept. of Genetics & Plant Breeding), Dean (Apri), College of Agriculture, Dharwad & Vice President (SWMF) Email: nccr202@uasd.in, biradarbd@uasd.in Mobile: 9448497373, 9448817028, (Land) 0836-2792180, 2214210, 2214276

#### **Co-Organizing Secretaries:**

Name	Designation and Contact Number
Dr. S. K. Deshpande	Prof. (Genetics & Plant Breeding) 9448214978
Dr. Shamarao Jahagirdar	Prof. (Plant Pathology) 9740641068
Dr. B. I. Bidari	Prof. (Soil Science) 9449064306
Dr. Shekharappa	Prof. (Agril. Entomology) 9449949736
Dr. Rajakumara S	Prof. (Agronomy) 9480370002
Dr. R. H. Patil	Asst. Prof. & Head (Agril. Meteorology) 9449063318

#### National Conference on Climate Resilient Agriculture for Sustainable Production and Nutritional Security (NCCR 2020) (February 1-2, 2020)

#### **Registration Form**

Name of the Participant	
Sex & Age	
Designation of Delegate	
Address (with Pin code) including E-mail, Phone no. and Mobile no.	
Theme Area	
Title of Abstract	
Details of Payment of Registration fees (please attach valid proof of payment)	
Accommodation required	Yes / No If yes, no. of days :
Date: Place:	Signature (with name and designation)

Details of online payment of registration fees through NEFT/Online/DD in favour of "The Comptroller, UAS, Dharwad", to be sent to Organizing Secretary, NCCR 2020

#### Name of the bank payable:

State Bank of India UAS Branch, Dharwad-580005, Account No: 10025445154 IFSC Code : SBIN0003151 MICR Code : 580002304

The details of Conference and registration form in word format is available on the University website: www.uasd.edu

Important dead line: Submission of abstracts along with registration & accommodation request: 20.01.2020

The duly filled in registration form along with scanned copy of online payment details may please be sent electronically to nccr2020@uasd.in without fail.





National Conference on Climate Resilient Agriculture for Sustainable Production and Nutritional Security (February 1-2, 2020)



Organized by: University of Agricultural Sciences, Dharwad In Joint Collaboration with

Dr. S.W. Mensinkai Memorial Education & Research Foundation (R)

#### National Conference on Climate Resilient Agriculture for Sustainable Production and Nutritional Security (NCCR 2020) (February 1-2, 2020)

#### PREAMBLE

Maintaining crop production to feed a growing population during a period of climate change is the greatest challenge for Agriculture Scientists in modern day Agriculture. The increased crop yields during the last century due to the Green Revolution was brought about by breeding for increased harvest index, resistance to pests and diseases, and also by using more of agrochemicals and irrigation. While genetic gains continue, the multiple challenges of climate change and growing global population demand new approaches to produce nutritious, high yielding, climate resilient crops and mitigate the negative impact of climate on agriculture.

Agriculture is influenced by an array of biotic and abiotic stresses, which are to be managed through multipronged strategies. A strategic science based approach is needed to address the plant health risks and issues that affect productivity. Unusual rainfall, shift in seasons and sowing windows of different crops has resulted in appearance of new pests and diseases and reduction in crop yields. Indiscriminate use of chemical pesticides has been causing wide spread environmental pollution, resurgence of insect pests impacting food security, nutrition and safety.

To achieve food security there is a need for complete transformation in agriculture over next decade through increased productivity, resilience to biotic and abiotic stresses under changing climate. Climate Smart Agriculture (CSA) is a system of agricultural practices that sustainably increase productivity and system resilience while reducing greenhouse gas emissions. The sustainable agriculture encompasses integrated management of water, land and ecosystems. Considering these points in view, the conference is aimed with five broad theme areas to harmoniously blend the experiences of Scientists of national and international repute, scholars/students on common platform to discuss and debate on sustainable production and nutritional security issues in future.

#### ABOUT THE CONFERENCE

This conference aims at attracting research findings of young scientists, students as well as other experienced stakeholders. Brainstorming sessions will be held by the consortium of Agricultural Scientists. This conference will provide an excellent opportunity for compilation of current research in fields of Crop Improvement and its integration with various other broad areas of Crop Production, Crop Protection, Soil health and Nutritional security. As a tribute to the renowned Cyto-geneticist of International repute late Dr. S.W.Mensinkai, Founder Principal of College of Agriculture, Dharwad, the University of Agricultural Sciences, Dharwad in joint collaboration with Dr. S.W.

Mensinkai Memorial Education and Research Foundation is organizing a National Conference on "Climate Resilient Agriculture for Sustainable Production and Nutritional Security" during February 1-2, 2020.

#### UNIVERSITY OF AGRICULTURAL SCIENCES, DHARWAD

This University was established on 1st October, 1986 to provide leadership in teaching, research and extension in agriculture and allied subjects, and serves the farming community. In a span of over 30 years, University has made a land mark in the field of agricultural education and research in the country. It is an ISO 9001: 2008 certified institution and has received the prestigious Sardar Patel outstanding ICAR Institution award twice (2000 and 2015) apart from several other awards. Recently, in order to improve quality of undergraduate education and faculty upscaling, the University has bagged a world bank aided Project, Institutional Development Plan (IDP) funded by ICAR-NAHEP for two years (2019-20 to 2020-21) with a project outlay of Rs. 24.67 crores. In addition the University secured 16th rank among all the Agricultural Universities in the country during 2019.

#### PLACE:

Hubballi-Dharwad are twin cities in Northern part of Karnataka state. Dharwad is known for its excellent climate throughout the year. Weather will be very pleasant during February with 25°C day temperature and 15°C night temperature. The city is well connected by road, rail and air. The nearest airports to Dharwad are Hubballi (20 km), Belgaum (80 km) and Goa (150 km). Hubballi is the nearest railway junction (20 km). Dharwad is mid-way from Bengaluru and Pune, on national highway (NH-4).

Hubballi- Dharwad is the second-largest city in Karnataka after Bengaluru. While Dharwad is the administrative headquarter, Hubballi is the commercial centre and business hub and nick-named as Chota Mumbai. Dharwad is famous for its 'Dharwad Peda' a milk based sweet. Dharwad being a quiet and peaceful place surrounded by trees, hillocks and lakes, has inspired several musicians like Padma Vibhushan Mallikarjun Mansur, Padma Bhushan Gangubai Hanagal and Pandit Bhimsen Joshi, winner of the Bharat Ratna award and also abode of great writers who received Jnanapith Award like Shri Da Ra Bendre, Shri Girish Karnad and Dr. Chandrasekhar Kambar.

PLACES OF HISTORICAL IMPORTANCE: Goa, being 135 km by road is a nearest place of tourist attraction. Other nearest tourist places are Vijayapura (206 km) famous for Golgumbaz (world's second largest whispering gallery), Almatti Dam with beautiful musical fountain and garden (175 km), Kudala Sangam (181 km), Utsav Rock Garden at Gotagudi (62 km), Hampi (192 km), Badami caves (114 km), Aihole (150 km) and Pattadkallu (135 km) having sculptures of Chalukyan period of world heritage.

GI Tags: Dharwad Pedha, Sirsi supari, Belagavi Kunda and Ilkal sarees

Lead Educational Institutes: Karnataka University, Indian Institute of Technology, University of Agricultural Sciences, Karnataka Institute of Medical Sciences, Karnataka State Law University, KLE Technological University, SDM Medical, Dental and Engineering Colleges.

#### **CONFERENCE THEMES**

Each session will have lead lectures delivered from eminent scientists in the concerned theme areas along with poster presentations. The identified theme areas are:

Theme 1: Innovative breeding practices for adaptation to climate change in Agricultural, Horticultural & Forestry crops

Theme 2: Impact of various biotic and abiotic stresses on Agricultural, Horticultural and Forestry crops and management techniques under increased climate variability.

Theme 3: Impact of climate change on nutrition, quality and resource use efficiency in agri-horti-silvi crops

Theme 4: Nutritional security and climate smart agriculture

Theme 5: Recent developments in plant biotechnology in Agricultural, Horticultural and Forestry crops

#### INTERESTING DIMENSIONS OF THE CONFERENCE

Invited Lead Lectures: There will be Lead Lectures from eminent Scientists in the identified theme areas

Students Oral Presentation Session: Apart from lead lectures, PG students will have one concurrent session for oral presentations (7 min) under above themes on the second day of the conference. Awards will be given to the best oral presentation (two awards under each theme).

Poster sessions: For each thematic area poster [posters of 90cm (L) x 75cm (B)] sessions will be organized simultaneously. Awards will be given to the best poster presentation (one award under each theme).

#### Submission of abstracts

Abstracts are invited from persons who are engaged in research work pertaining to above thematic areas. Authors are requested to specify the relevant thematic area in which the abstract needs to be considered. The abstract typed (MS word) in double space on A4 size paper with Times New Roman, 12 font size limited to maximum of 500 words may be submitted. The abstract should contain title, names of authors, affiliation, e-mail, key words. The abstract along with filled in registration form and payment details shall be sent to the email : "nccr2020@uasd.in". Maximum of two abstracts with first author from each registered participant will be considered after scrutiny. Abstracts sent without registration will not be considered.

#### Important dead line:

Submission of abstracts along with registration & accommodation request: 20.01.2020





# National Conference on Climate Resilient Agriculture for Sustainable Production and Nutritional Security (NCCR 2020) (February 1-2, 2020)

Name of the Participant	
Sex & Age	
Designation of Delegate	
Complete Address (with Pin code) including E-mail, Mobile no. and Phone no.	
Theme Area	
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Details of Payment of Registration fees (please attach valid proof of payment)	
Accommodation required	Yes / No If yes, number of days :
Date:	Signature (with name and designation)
Place:	

## **Registration Form**

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### Name of the bank payable:

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For PG students please attach certificate signed by Dean/HOD of concerned Institution/ Department. Duly filled-in registration form along with scanned copy of online payment details may please be sent electronically to nccr2020@uasd.in without fail.

**Important dead line:** Submission of abstracts along with registration & accommodation request: **20.01.2020**. The details of Conference and registration form in word format is also available on the University website: **www.uasd.edu**