

Application for ICAR Winter School on

RECENT DEVELOPMENTS IN ORGANIC AGRICULTURE- KEY TO SUSTAIN PRODUCTION AND QUALITY OF AGRO-ECOSYSTEM

1st to 21st December, 2016

Department of Agronomy, College of Agriculture
and Institute of Organic Farming, UAS, Dharwad

1. Full Name (IN BLOCK LETTER): _____
2. Designation: _____
3. Present employer and address: _____
4. Address to which reply should be sent (Give E-mail, Mobile, Telephone, FAX numbers): _____
5. Date of Birth: _____
6. Sex Male/Female: _____
7. Teaching/Research/Professional Experience (Mention posts held during last 5 years and number of publications): _____
8. Marital status: Married/Unmarried: _____
9. Mention if you have participated in any Summer/Winter School/Short Course etc., give details: Title of the course: _____
10. IPO/DD No. _____; Dated _____ for _____
Rs. 50.00 as registration fee.
11. Academic qualifications with details of degrees, year of passing, class/rank and institute of passing: _____
- Date: _____
- Place: _____ Signature of Applicant
12. Recommendation of Forwarding Institute: _____
- Signature: _____
- Designation: _____
- Address: _____

CERTIFICATE

It is certified that the information furnished by the official is verified with the office records and found correct.

Signature and Designation of the Sponsoring Authority

NB: Typed copies may be made locally for use of applicant

ABOUT THE INSTITUTE

University of Agricultural Sciences, Dharwad is one of the premiere agriculture institute of the country, awarded twice with, Sardar Patel Outstanding ICAR Institution Award (2000 and 2015), was established on October 1, 1986. It is well known by the virtue of its high academic standards, research achievements and effective transfer of technology. University has five Degree/PG colleges, six Diploma colleges, 30 Research Stations, 26 All India Co-ordinated Research Projects (AICRPs), six extension units, five KVK's and a ATIC center. Currently, Master's Degree Programme is offered in 24 subjects and Ph.D. in 20 subjects in all the teaching campuses. The educational programmes in the University have been attracting students from other Indian states and foreign countries.

The University has established an Institute of Organic Farming in August 2006 which is first of its kind in the country. The Institute has state of art multidisciplinary laboratory facilities to undertake research on organic farming and maintain bio-inoculants and mass produce them. It has established long term fixed site for organic farming research and multi disciplinary research on organic farming is being carried out since 2004. Developed location specific organic farming Package of Practices in several crops and published book for farmers use. Bio-Resource Centre developed over an area of 16 ha. Developed and mass producing eight strains of bio-fertilizers, four strains of ligno-cellulolytic fungi, one strain of PGPR, seven bio-pesticides, three for disease management and four entomopathogenic fungal isolates.

Address for Correspondence

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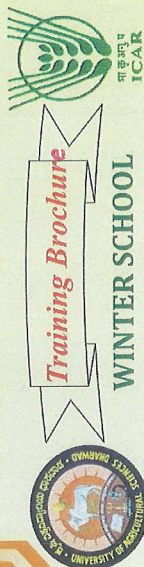
Core staff

Dr. S. S. Angadi

Professor and Head
Department of Agronomy

Dr. H. T. Chandranath

Professor
Department of Agronomy



ON

RECENT DEVELOPMENTS IN ORGANIC AGRICULTURE- KEY TO SUSTAIN PRODUCTION AND QUALITY OF AGRO-ECOSYSTEM

1st to 21st DECEMBER, 2016



Organised by

Dr. H. B. Babalad
Course Director

Professor of Agronomy

Department of Agronomy
College of Agriculture

University of Agricultural Sciences,
Dharwad 580 005, Karnataka, India

Sponsored by

Indian Council of Agricultural Research,
New Delhi

RECENT DEVELOPMENTS IN ORGANIC AGRICULTURE- KEY TO SUSTAIN PRODUCTION AND QUALITY OF AGRO-ECOSYSTEM

In the context of present agriculture scenario, we cannot take further risks, we are looking for solutions that are based on ecological and biological principles and have significant fewer environment costs. In this direction nothing comes closer to the sustainable food production paradigm, than organic farming. Organic agriculture is a holistic production management system, which promotes and enhances the agro-ecosystem health, biodiversity and biological cycles and soil biological activity and this is accomplished by using on-farm agronomic, biological and mechanical methods in exclusion of all synthetic off-farm inputs. It ensures qualitative development of soil, water and environment on sustainable basis. It is widely accepted that organic agriculture contributes to the alleviation of poverty. The experimental evidences could prove that with a holistic soil and crop management it had similar productivity to conventional agriculture and often higher yields in the regions of the world where the production environment is much fragile and tough (rainfed and hilly areas). It has gained national and international recognition with greater consumers interest for organic food and farmers responding it to favourably. In India organic agriculture has made credible performance during past ten years.

University of Agricultural Sciences, Dharwad is the first to establish the Institute of Organic Farming (IOF) in the country with state of art laboratory and field facilities. It has initiated multi disciplinary basic and applied research programme on organic farming to cater the needs of organic farmers. UAS, Dharwad in collaboration with ICAR, NPOF, has made a significant contribution by standardizing the organic farming practices for important crops of this region. The organic farming practices on scientific principles are as productive as conventional practices. Organic systems showed greater soil health benefits, reduced cost on production, found better than inorganic practices and enhanced profit margins with quality food.

With this background, the ICAR, Winter School on "Recent Development in Organic Agriculture Key to sustain the production and quality of Agro-ecosystem" is planned from 01-12-2016 to 21-12-2016 at the Department of Agronomy College of Agriculture, University of Agricultural Sciences, Dharwad.

OBJECTIVE OF THE WINTER SCHOOL

Organic farming does not mean going back to traditional methods. However, many of the farming methods used in the past are still useful today. Organic farming takes the best of these and combines them with modern scientific technology and knowledge. Organic farmer need not be left to the nature, use all scientific knowledge, techniques and materials available to work with nature and create healthy balance between nature and farming. On the farm biodiversity is preserved, agro-system productivity and its self regulating capacity are maintained. In this respect the course is designed to impart complete knowledge and skills in organic farming principles and practices, and the recent developments in organic farming research and development sector. The course includes lectures and hands on training by experts in different aspects of natural resource management, agro-eco-system management, organic production systems, plant protection, environmental and food quality, certification and marketing. Exposure visits to bio-resource centers, organic research centers, innovative organic farms and organic markets helps to understand the present status and future needs of the sector. The programme is planned in such a way that it helps to impart complete knowledge and exposure to build the capacity of the participants and intern institutional capacities to carryout education, research, and extension programmes in organic farming.

VANUE

The winter School will be held at the Department of Agronomy, College of Agriculture and Institute of Organic Farming UAS, Dharwad. University of Agricultural Sciences, Dharwad is located five km away from the city on Pune-Bengaluru National Highway (NH-4). The college is one of the premier institutes in the country, started as early as 1947 for imparting education and conduct of research and extension activities in agriculture. The college plays an important role in human resource development in the field of agricultural sciences.

For centuries a hilly city Dharwad, which is also called as *chofa* Mahabaleshwar is situated on the edge of Western Ghats acted as a gate way between the *Malenadu*(Western Ghats) and plains, it become a resting place for travelers. The twin cities Hubballi-Dharwad is the second largest in Karnataka after Bengaluru. Dharwad is a quiet and pleasant city with lot of greenery round. During December it has a moderate temperature with average maximum and minimum temperature of 28°C and 15°C and virtually no rainfall.

Dharwad is an educational and cultural city with three Universities, the oldest Karnataka University, University of Agricultural Sciences, Dharwad and Law University with reputed medical, Dental, Homeopathic, Ayurvedic and Engineering colleges. Dharwad is famous for its contributions to Indian classical music and to Kannada literature. The Dharwad region has contributed some of the greatest exponents of Hindustani classic music Sawai Gandharva, Malikaarjun Mansur, Bhimsen Joshi, Basavaraj Rajaguru, Madhav Gudi, Kumar Gandharva and Gangubai Hangal. The *Dharwad pedha* - a milk based sweet from this city is very popular.

ELIGIBILITY

The winter School is open for Teachers/ Farm Scientists of the disciplines, Agronomy, Soil Science and Agricultural Chemistry, Horticulture and Agricultural Microbiology from SAUs, ICAR institutes and CAUs in the cadre of Assistant Professor and above. About 25 participants will be selected.

TRAVEL AND ACCOMMODATION

Participants will be paid for the journey, to and fro, restricted to AC-II-tire train fare or bus on production of receipt/ticket. Lodging and boarding will be provided for participants in the University campus as per winter school norms.

HOW TO APPLY?

The application in the prescribed format, duly forwarded by their employer may be uploaded in CBP Portal of ICAR website: www.iasri.res.in/cbp. Further, the complete application form along with postal order/DD of Rs.50/ drawn in favour of the Comptroller, UAS, Dharwad payable at State Bank of India, UAS branch, Dharwad should be sent to the Course Director.

IMPORTANT DATES

Last date for receipt of application	: 27.10.2016
Notification of selection	: 29.10.2016
Last date for confirmation	: 05.11.2016