

APPLICATION FORM

ICAR Winter School on "Climate Smart Agriculture for Sustainable Production" 28th March – 17th April, 2022

Centre for Advance Studies on Climate Change, Dr. Rajendra Prasad Central Agricultural University, Pusa, Samastipur- 848125

- Name (In Block Letters).....
- Designation.....
- Present Employer & Address.....
- Address for Correspondence:.....
E-Mail & Mobile:.....
- Permanent Address.....
- Date of Birth.....
- Sex(Male/Female).....
- Marital Status(Married/Unmarried).....
- (a) Teaching / Research/ Extension Experience (Mention the post held in years):

S. No.	Post Held	Period with dates

(b)Present Area of Research with Publications.....

10. Mention if you have participated in any Summer/ Winter School/ Short Course during previous year under ICAR/ any organization (give details of course, organizers, duration/dates/years etc.)

11. Registration fees: Nil

12. Academic Record

Exam Passed	Subjects	Year	Division	University

13. Relevance of training to applicant's present academic and research activities:.....

14. Signature of Applicant with Place and Date.....

15. Recommendations of the forwarding Authority:

(Signature with date, Designation & Institute Address)

Certificate

It is certified that the above information was furnished as per office record and was found correct.

(Signature, Designation & Institute Address)



ORGANIZING TEAM

Patron: Dr. R.C. Srivastava, Vice-Chancellor, RPCAU, Pusa

Advisors:

Dr. N.K. Singh, Director Research; Dr. K.M. Singh, Dean Agriculture; Dr. M. N. Jha, Director Education; Dr. B. Kumar, School-in-Residence; Dr. M.C. Manna, Head, Soil Science & Dr. Devendra Singh, Professor, Agronomy.

Committee Members:

Dr. Shankar Jha, Dr S.K. Nirala, Dr. Md. Abbas Ahmad, Dr. Minatullah, Dr Mahesh Kumar, Dr. R.K. Tiwari, Dr Rajesh Kumar, Dr. Satish Kumar Singh, Dr. Kumari Sapna, Dr S.P. Lal, Dr. Satya Prakash, Mr Vikash Kumar, Dr. Mrs Anjani Kumari, Dr. R.N. Bahuguna, Dr. B. Pramanik, Mr Aman Tigga, Mr. Zeyaul Haque, Er Sneh Sansar.

Technical Support:

Rupashree Senapati, Dr. Gulab Singh, Bipul Kumar Jha, Dr. Pawan Kumar Srivastav, Dr Prabhat Kumar Singh. Dr. Sandeep Kumar Suman, Dr Sudeshna Das, Ravi Ranjan Kumar, Rajnish Kumar, Rakesh Kumar Kushwaha, Prashant Kumar Maurya, Prem Kumar Prajapati and Mr. Vashant Kishore.



Information Brochure



Centre for Advance Studies on Climate Change
Dr. Rajendra Prasad Central Agricultural University,
Pusa, Samastipur, Bihar-848 125



Organizing

ICAR Sponsored Winter School on



"Climate Resilient Agriculture for Sustainable Production"

28th March to 17th April, 2022



Course Director



Dr. Ratnesh Kumar Jha

Project Director & Professor, Agronomy, CASCC, RPCAU, Pusa, Samastipur, Bihar-848125, Email Id: ratnesh@rpcau.ac.in, Mob: 9430804115, 7759935426

Course Coordinators



Dr. Abdus Sattar

Associate Professor (Agro-Meteorology) CASCC, RPCAU, Pusa, Samastipur, Email: asattar@rpcau.ac.in
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Dr. S. P. Singh

Assistant Professor (Soil Science), RPCAU, Pusa, Samastipur, Email: spsingh.soils@rpcau.ac.in, Mob: 9801781819



About the University:

Dr Rajendra Prasad Central Agricultural University (RPCAU), Pusa is named after our honorable former and first President of independent India, Sri Rajendra Prasad, who hails from Bihar. The University is accomplished with legacy of organized agricultural education, research and extension in India which trails back to 1901 with establishment of Imperial Agricultural Research Institute at Pusa, Bihar during Lord Curzon's Vice-Royalty (1898-1905), which marks the beginning of an agricultural research with an Agriculture College and Experimental Station. Presently, RPCAU, Pusa is a Central Agricultural University, enriched with various faculties and constituent colleges. Though this temporal journey crosses over many patches and uphill since the old imperial time, 14 bungalows & other residential quarters are still holding the ground with imperial touch of royal heritage. It is now ranked among top 10 universities of the country by India Today Group. RPCAU has only grown stronger and better through this post-pandemic era bagging 5 National awards and many more feathers to its hat of achievements.

About CASCC:

The "Centre for Advance Studies on Climate Change (CASCC)" was established by the University during August 2019 to provide one stop solutions for agricultural related problems due to changing climatic scenario faced by the farmers. The centre acts as a hub to generate data on different climatic variables to tackle the major challenges and its impact on agriculture and offers quality research, training and education regarding crop-weather parameters, crop production, nutrition and quality with net zero ground water exploitation. Moreover, awareness programs to farming community, training to young scientists and students, and conducting symposium and seminars to exchange valuable scientific information are a major part of the centre's mandate. After assessing the impact of climate change impacts, it develops new climate resilient varieties of crops and cropping systems based on future climate change projections and ecologies along with climate change adaptation and mitigation through crop modeling and field agronomy and allied aspects. The center also offers training and education on climate and agriculture related disasters through India Universities Institutions

Samastipur at a glance

Samastipur district is bounded on the north by the Bagmati river which separates it from Darbhanga district. On the west, it is bordered by Vaishali and Muzaffarpur districts and on the south by the Ganges, while on its east it has Begusarai and some part of Khagaria district.

How to Reach Pusa

Pusa is well connected to all nearby railway stations like Saheed Khudi Ram Bose Pusa (4 Km), Samastipur (17 Km), Darbhanga (50 Km), Muzaffarur (35 Km) and Patna (75 Km) via rail and road transport. Participants may also come by air from Darbhanga airport (45 Km) or Patna airport (100 Km).

About Winter School at CASCC:

There are an expert team of Professors and Scientists working under the Umbrella of "Centre for Advance Studies on Climate Change (CASCC). The School proposes to encapsulate the specialized new techniques, research methodology, teaching methods and materials with respect to Climate Change in Agriculture and its mitigation aspects. A myriad of topics are going to be highlighted regarding advances in micro-irrigation, advances in agro-meteorological researches for risk management and enhanced productivity, approaches for doubling of farmers' income, residue management, animal nutrition, farmers' empowerment and farm entrepreneurship development, farm resource management, soil water conservation, gender mainstreaming, ICT in Agriculture etc. As climate change impact in agriculture and mitigation aspects being the most relevant issue today, we must upgrade ourselves towards generating cost effective and efficient adaptation techniques. The Winter School will have major impacts in terms of enriching the participants with the knowledge of recent skills and techniques. Consequently, they will have opportunity to use such tools and techniques in their teaching and research activities and in the process, farmers and several stakeholders will be immensely benefited.

Major Themes:

Following themes highlight the glimpses of upcoming lectures to be delivered and many more would to be covered.

- Water Utilization Efficiency & Water Budgeting in Agriculture Climate Change Aspects
- Impact of Climate Change on Soil-biota
- Crop Weather Relationships Analysis
- Solid Liquid Waste Management
- Integrated Pest Management
- Crop Models, Projections for Smart Agriculture
- Green Manuring, Brown Manuring and Weed Dynamics
- Carbon Sequestration through Agro-forestry
- Direct Seeded Rice Cultivation
- Agro-meteorological Perspectives of Sustainable Crop Production
- Green Manuring & Weed Dynamics
- Use of nutrient Decision Support Tools
- Micro-nutrients & Bio-fertilizers
- Short-term & Long-term Weather Prediction Models
- Conservation Agriculture and Precision Agriculture

Eligibility:

The course is open for active researchers/ Scientists not below the rank of Assistant Professor or equivalent and above in ICAR Institutes SAUs/ CAUs/Agricultural Faculties in AMU, BHU, Visva-Bharati and Nagaland University involved in Agriculture with two years of experience who are eligible to apply. A total of 25 participants will be selected for the course as per ICAR Guidelines.

Procedure for Participation:

The applicants may see the guidelines available at the website for the winter school at <http://cbp.icar.gov.in>. As per the ICAR instructions, the interested candidates should register and apply online through "Capacity Building Programme" (CBP) link before as follows:

- Visit the website <http://cbp.icar.gov.in> or click on Capacity Building Programme link under <http://www.icar.org.in>
- Log in using your user ID and Password. To create user ID as "Create New Account" link
- After login, click on "Participate in Training" link and fill the proforma.
- Take a printout and send duly signed copy through proper channel to The Course Director, Winter School, RPCAU, Pusa by post so that application form can reach us on time. The brochure along with Application Form can also be downloaded from the University website <http://www.rpcau.ac.in>.

Boarding & Lodging:

Participants will be provided free boarding and lodging as per the norms and trainees will be accommodated in the University Guest House. Please note that, no accommodation will be provided to the family members or guests of participants in University Guest House.

Traveling Allowance:

The candidates selected for participation in the Winter School will be reimbursed travelling expenses (To and fro) as per their entitlement restricted to 2nd AC rail fare by the shortest route after submission of original tickets.

Evaluation:

The participants will evaluate the course programme for quality of contents, suitability and usefulness of target clientele through well-designed questionnaire. Likewise, participants will also be subjected to an assessment.

Important Dates:

Last Date of receipt of Application	-
Intimation to selected candidates	-
Last Date for Confirmation from Participants	-