HOW TO APPLY

ONLINE APPLICATION PROCESS

As per the ICAR instructions, the interested candidates should register and apply online through Capacity 'Building Programme' (CBP) portal as follows:

- Visit the website http://cbp.icar.gov.in/HomePage.aspx or click on Capacity Building Programme link under http://www.icar.org.in/
- Login using your user ID and Password. To create user ID use "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 of Short Course by post along with registration fee as per the address and contact details given in the brochure and the same copy must be uploaded through CBP account.
- Please feel free to contact the Course Director for any assistance. The last date for receiving the nomination is September 7th, 2019.
- The advance scanned copy of the nomination may be sent by e-mail.

ADDRESS FOR CORRESPONDENCE

Dr. D. K. Vyas
Course Director & Associate Professor
Department of Renewable Energy Engineering
College of Agricultural Engineering & Technology (CAET),
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Godhra– 389001, Gujarat
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AAU
कृण्वन्तो राष्ट्रं कृषिसंपन्नम्

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ICAR

INFORMATION BROCHURE
ICAR SHORT COURSE
ON
RENEWABLE ENERGY FOR ENVIRONMENTAL PROTECTION AND ENERGY CONSERVATION

OCTOBER 14th TO 23rd, 2019

Course Director

Dr. D. K. Vyas
Associate Professor

Organized by

Department of Renewable Energy Engineering
College of Agricultural Engineering and Technology
Anand Agricultural University
Dahod Road, Dholakuva, Godhra-389001, Gujarat
www.aau.in

ABOUT THE UNIVERSITY

Anand Agricultural University (AAU) was established in 2004 at Anand with the support of the Government of Gujarat, Act No.(Guj 5 of 2004) dated April 29, 2004. Caved out of the erstwhile Gujarat Agricultural University (GAU), the dream institution of Sardar Vallabhbhai Patel and Dr. K. M. Munshi, the AAU was set up to provide support to the farming community in three facts namely education, research and extension activities in Agriculture, Horticulture, Agricultural Engineering, Food Processing, Veterinary Science and Home Science. At present there are seven Colleges, seventeen Research Centers and six Extension Education Institute working in nine districts of Gujarat namely Ahmedabad, Anand, Dahod, Kheda, Panchmahal, Vadodara, Mahisagar, Botad and Chhotaudepur

Mobilizing the engineering community to become more effective in delivering real products and services of benefit to tribal farmers of the state the Government of Gujarat established the College of Agricultural Engineering and Technology under Vanbandhu Kalyan Yojana in the tribal area at Godhra on 9th May, 2008 under the shade of Anand Agricultural University. The College foundation stone was laid by the then Hon. Chief Minister and present Prime Minister of the Country Sri Narendrabhai Modi.

Department of Renewable Energy Engineering is one of the core departments of CAET, Godhra. Apart from UG courses in renewable energy engineering, the department also offers technical masters degree in renewable energy engineering. According to our study plan, the student will get a broad and intensive knowledge in renewable energy technologies, mainly in Photo-voltaic (PV/CPV), Concentrated Solar Power (CSP), Biogas and Biomass energy. In addition, the departments has 3 laboratories specialized in Biomass/biofuel, biogas and solar energy. These laboratories are equipped with high-tech instruments in order to give the student an insight of knowledge from a practical point of view.

IMPORTANT DATES

Last date for receipt of the applications	07/09/2019
Intimation of selected candidates	12/09/2019
Confirmation by the selected candidates	19/09/2019

ABOUT THE SHORT COURSE

Renewable energy system development will make it possible to resolve the presently most crucial tasks like improving energy supply reliability and organic fuel economy; solving problem of local energy and water supply; increasing the standard of living and level of employment of local population; ensuring sustainable development of the remote regions in the desert and mountain zone; implementation of the obligations of the countries with regards to the fulfilling international agreement relating to the environmental protection. Renewable energy sources are the best alternatives for power generation in power station. Renewable energy resources provides pollution free atmosphere by reducing the effect of global warming and greenhouse gases. Climate change is one of the primary concerns for the humanity in the 21st century. This short-course program will explore the college /university/institute teachers, researchers and extension subject matter specialists in agricultural sciences, the effectiveness of power generated by renewable energy sources, technological innovation, guidelines to identify the proper design and large-scale deployment of innovative and locally appropriate technologies, business models, financial mechanisms, regulations, and policies for reducing the environmental issues. We recognize that there is still a long way to go, but the goals we have set for ourselves are achievable and will have enormous benefits.

SUBJECT MATTER COVERED

The training curriculum will largely be based on the training needs of the participants which include topics on various renewable energy resources, technologies and the energy conservation for environmental protection. Some of the important thematic areas are as follows;

- Use of renewable energy conversion technologies for environment protection
- Farm energy conservation and minimization
- Energy management in food processing industry
- Energy utilization pattern in rural sector
- Solar photovoltaic power generation system
- Biomass energy conversion system
- Bio-char culture for future sustainable agriculture
- Green house technology and management

VENUE

Department of Renewable Energy Engineering, College of Agricultural Engineering and Technology, Anand Agricultural University, Dahod Road, Dholakuva, Godhra-389001, Gujarat

ELIGIBILITY OF THE PARTICIPANTS

The training programme is open to ICAR Institutes/State AUs/CAU/ Agricultural faculty of AMU, BHU, Vishwa Bharti and Nagaland University in the cadre of Assistant Professors or equivalent and above. A maximum of 25 participants will be selected based on their experience and area of work.

The eligibility criteria for the course are:
Master's degree in Agricultural Engineering/Agriculture or Any other relevant discipline from any of the recognized University, working in a position not below the rank of Scientist/Assistant Professor/Lecturer/Subject Matter Specialists of equivalent at least two years of experiences.

REGISTRATION FEES

The participants are required to pay a sum of Rs. 50/- (Rupees Fifty Only) as registration fee (Non-refundable) along with the completed application in the form of Demand Draft/Postal Order in Favour of "AAU Fund Account" payable at Anand.

BOARDING AND LODGING

Free lodging and boarding will be provided to the participants as per the approved ICAR norms. The college has a well furnished Trainee's Guest House with dining, and recreation in the campus. Please note that, strictly no accommodation in the guest house will be provided to the family members or guests of the participants.

TRAVEL

Participants will be paid travel fare to and fro through the shortest route from their respective institution to CAET, AAU, Godhra and back for journey restricted to AC-II tier train fare or bus as the case may be on production actual certificate and tickets by the participants.

HOW TO REACH GODHRA

Godhra is connected to all major towns of Gujarat by public transport service operated by GSRTC and well connected to nearby cities Vadodara, Anand and Ahmedabad by road and railways having distance 80, 90 and 130 km respectively. CEAT, Godhra is located at 7 kms away from Godhra Railway Junction that connects with different parts of state and nation.