

## ICAR Sponsored Winter School



# Energy Consumption and Environmental Pollution in Interiors - Issues & Challenges 1<sup>st</sup> - 21<sup>st</sup> February 2022

*Course Director*

Dr. V. Vijaya Lakshmi,  
*Professor & University HoD*



*Organized by*

Department of Resource Management and Consumer Sciences,  
College of Community Science,  
Prof. Jayashankar Telangana State Agricultural University,  
Saifabad, Hyderabad, Telangana.

## About the course

The energy supply and demand are far from meeting the unending and ever - increasing needs of the modern people, resulting in deep rooted trace of human destruction of nature. According to a research data, normal people living in this modernized society spend 90 per cent of their lives in the indoor environment. This shows how much energy is being consumed by people and the amount of pollution caused by them due to various activities performed and the technologies used by them. Hence, the design specialists mainly involved in the interior design work, must pay attention to the energy saving point of view, thereby reducing the environmental pollution. This can be done by using few techniques like using renewable energy - based technologies, using green building design features, using sustainable practices in the building construction and daily activities of the people. This training hence aims to educate the community science faculty, especially interior design as specialization, about the need and techniques used to reduce the Energy Consumption and Environmental Pollution in Interiors, along with the possible issues and challenges in this important task.

## Eligibility

Participation in winter school is open for Assistant Professors or equivalent and above from ICAR Institutes/SAUs/ Food Technology, Community Science or any other related discipline. A total of 25 candidates will be selected for the course. The selection of the candidates will be made by a screening committee as per the available guidelines of the ICAR. The selected candidates will be intimated regarding their selection for winter school training on or before 25<sup>th</sup> January 2022 either via email/ mobile, who will have to confirm their participation, positively by 27<sup>th</sup> January 2022.

## Duration

The winter school will be of 21 days duration i.e., from 1<sup>st</sup> to 21<sup>st</sup> February 2022 (**Online Mode**).

## Broad Areas of Coverage

- ❖ Energy Consumption in Buildings
- ❖ Indoor Air Pollution in residential buildings
- ❖ Indoor Air Pollution in various commercial buildings
- ❖ Role of Building materials and renewable energy resources in Energy Conservation
- ❖ Role of Building materials in controlling Environmental Pollution
- ❖ Role of Landscaping in controlling Interior Pollution
- ❖ Organizations working for Energy Conservation and Environmental Pollution
- ❖ Indian Codes and Policies

## How to Apply

Eligible and interested candidates may submit their application form (online) in prescribed proforma through Capacity Building Programme (CBP) portal site of Indian Council of Agricultural Research (ICAR) through the link: <http://cbp.icar.gov.in>

- 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 get it approved from the competent authority of the institute.
- The scanned copy of the complete application form duly signed by competent authority may be uploaded on the CBP portal (<http://cbp.icar.gov.in>).
- The scanned copy of the complete application form duly signed by competent authority may also be sent through E - mail to the address: [winterschool2022.rmcs@gmail.com](mailto:winterschool2022.rmcs@gmail.com)
- In case of any difficulty in applying online using CBP portal, the participants may also send the application form duly filled - in and approved by the competent authority through proper channel to the following address: Dr. V. Vijaya Lakshmi, Course Director - Winter School 2022, Dept. of Resource Management and Consumer Sciences, College of Community Science, PJTSAU, Saifabad, Hyderabad -500004 by post.

### Proposed Online Platform

- Cisco Webex/ Google Meet
- Google Classroom for assignments

### Online Examination

- An online examination will be conducted on 21<sup>st</sup> of February 2022 from 2.00 - 2:30 pm in which participants have to respond 25 multiple choice questions through Google forms.

### Criteria for Certification

- ❖ Full Time Attendance
- ❖ Regular submission of assignments
- ❖ 60% Score in Online Examination

### About PJTSAU

As a result of bifurcation of state of Andhra Pradesh in the year 2014, Professor Jayashankar Telangana State Agricultural University (PJTSAU) was established on 03.09.2014 named in honour and memory of Professor Jayashankar, an eminent educationist and an ardent Telangana ideologue. It is the only Farm University of Telangana State. PJTSAU has 09 constituent colleges with 06 of those devoted to faculty of Agriculture, 02 to faculty of Agricultural Engineering and Technology and 01 to faculty of Home/ Community Science. In addition, there are 13 constituent polytechnics, 16 Agricultural Research Stations, 09 District Agricultural Advisory and Transfer of Technology Centres (DAATTCs), 08 Krishi Vigyan Kendras (KVKs), 01 each of Extension Education Institute (EEI), Agricultural Information and Communication Centre (AI&CC), Agricultural Technology Information Centre (ATIC) and Electronic Media Wing spread across the State with Scientific supporting and Administrative Staff, apart from a good contingent of Labour Force. The mandate of PJTSAU is to train, human resources needed for Agriculture, Agricultural Engineering & Technology, Community Science and allied sectors; Conduct basic and applied research to develop improved varieties and technologies for sustainable agricultural development; Promote on-farm research and technology assessment, refinement and transfer of knowledge through participatory approaches; and Build Partnerships and linkages with national /international educational/ research/ developmental institutions, rural development sector and agro industries.



## About College of Community Science

College of Community Science was formerly known as College of Home Science was established in the year 1964. Community Science is an applied and integrated science which aims at improving the quality of life for the individual, the family and the community. Although national concerns such as poverty, illiteracy, health, population, nutrition, security, infant mortality are covered in Community Science education. The college offers courses in nutrition, public health, food science, human development and family studies, resource management, textiles and apparel designing, extension and communication management and education to the students in order to prepare them for different job opportunities both in public and private sectors through various endeavours like education, research, extension, production and other roles played in service industry by them in development of community in India and abroad. This education helps in making the students capable of undertaking higher education or gain employment in public and private sector undertakings. They become capable of bringing about positive socio-economic impact in the community. The College of Community Science at Saifabad, Hyderabad has fully developed departments with most of the faculty with doctoral degrees. Fully furnished classrooms and modernized laboratories with updated instruments and equipment, computer labs with state of art software to teach ICT, fashion and interior design, sports facility and Campus Radio, library, and many other amenities like Wi Fi offer students to explore their talents towards healthy leadership and proficiency.



Important Dates		Correspondence
Last date of receipt of application	25th January 2022	<b>Course Director</b> Dr. V. Vijaya Lakshmi Mobile: 9989331313 Email: <a href="mailto:vijjikeetu@gmail.com">vijjikeetu@gmail.com</a>
Intimation of Selection	25 <sup>th</sup> January 2022	
Confirmation by participants	27 <sup>th</sup> January 2022	
Starting of Winter School	1 <sup>st</sup> February 2022	
Registration Fee		<b>Course Co-Ordinator</b> Dr. E. Shirin Hima Bindu Mobile: 7893870035 Email: <a href="mailto:shirincalla@gmail.com">shirincalla@gmail.com</a>
Rs. 50 must be paid as the winter school registration fee		
Payment details		<b>Official Communication:</b> <b>E-mail Address:</b> <a href="mailto:winterschool2022.rmcs@gmail.com">winterschool2022.rmcs@gmail.com</a> <b>CBP - Log in page:</b> <a href="http://cbp.icar.gov.in">http://cbp.icar.gov.in</a>
Registration fee must be sent through Demand Draft (DD) in favour of The Comptroller, PJTSAU, Hyderabad and must be sent along with the application form.		