

ONE DAY NATIONAL CONFERENCE

on

Harnessing Renewable Energy and Landscape Architecture for Energy Efficient Homes

Organized by

Departments of Agriculture, Civil
Engineering and Architecture

May 03, 2019



Jagan Nath University,
Bahadurgarh, Haryana, India

INVITATION

Dear Colleagues

India is fortunate to have around 320 days with sun shine. And hence, India is one of the best destinations to harness solar energy which is both free and infinite .On an average sun may provide 1 trillion kw energy per year which is sufficient to meet global energy needs .However, appropriate technology is needed to harness this greatest form of energy source .So far the majority of the energy sources are fossil based which are finite as well as exhaustible like coal and gas. These sources create environment pollution as well as climate change and hence their use should be minimised.

The best strategy would be to harness renewable energy and conserve it for domestic use through appropriate design, structure and constructional material of homes. For that matter all these components should be re looked and appropriate steps should be taken to make system more energy efficient.

This necessitates perfect blending of harnessing a renewable energy sources like solar, wind, hydro, geothermal and biomass energies with civil engineering and mechanical engineering in the overall backdrop of landscape architecture.

Keeping these facts in view the Departments of Agriculture, Civil Engineering and Architecture of the University have decided to organise One Day National Conference on Harnessing Renewable Energy and Landscape Architecture Resources for Energy Efficient Homes.

OBJECTIVES OF THE CONFERENCE

- To bring experts from civil, mechanical, electrical, agriculture, architecture and environment engineering experts on a common platform to establish linkages for developing strategies for energy efficient homes.
- To provide information about current scenario about energy efficient homes globally for different ecosystems.
- To create network of young students, research scholars, scientists and industry experts for general awareness on energy efficient homes in regional and national context.

.CONFERENCE THEMES

- Renewable Energy Resources and their Applications.
- Home Design and Structures for High Energy Use Efficiency.
- Construction Material and Concrete-mix suitable for Energy Conservation and Efficient Use.
- Integrating Design with Aesthetic and Use of Wooden Structures for Energy Conservations and Use.
- Vertical Agriculture for Keeping Homes cool in Tropical Situations.
- Creating Ecosystems through Appropriate Landscape.
- Domestic Waste Management for Generating Renewable Energy and its use.

ABOUT THE UNIVERSITY

Jagan Nath University, Haryana has been promoted by Jagan Nath Gupta Memorial Education Society, established under Haryana State Legislature Act No. VIII of 2013, and approved under Section 22 of the UGC Act, 1956. It started functioning with effect from the academic session 2013-14 on its own 25 acres campus, located at State Highway 22, Bahadurgarh-Jhajjar Road., Distt. – Jhajjar. The University has launched UG and PG programs in the Faculties of Engineering and Technology, Journalism and Mass Communication, Agriculture, Architecture, Management, Commerce, Law, Teacher Education and Physiotherapy. The University aims to impart high quality education and promote employability among youth. To achieve this aim, the University has developed a reasonably good physical and academic infrastructure, recruited qualified and experienced faculty, state-of-the-art classrooms, laboratories and other facilities. To ensure adequate practical exposure to learners, among other things, the programs are being implemented with an adequate component of industry exposure.

ABSTRACT SUBMISSION OF PAPERS

The participants are suggested to submit Paper Abstract up to 300 words, which should be typed in Times New Roman, 12 font size with 1.5 line spacing.

Last date for paper submission: April 30, 2019
(for oral and poster presentation)

REGISTRATION FEES

Rs. 200/- (For Student)

Rs. 300/- (For Teachers and Scholars)

Rs. 500/- (For Outsider)

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