SREE VIDYANIKETHAN ENGINEERING COLLEGE

(AUTONOMOUS)

Sree Sainath Nagar, Tirupati - 517102

Department of Mechanical Engineering

One Day Awareness Workshop on

"Energy Conservation Building Code-2017"

22nd July, 2019

Administrative Staff College of India (ASCI) with the support of Andhra Pradesh State Energy Conservation Mission (APSECM) has been working to implement and strengthen the Energy Conservation Building Code (ECBC) in the state of Andhra Pradesh. In line with the above, a "One-Day Awareness Workshop on Energy Conservation Building Code-2017" was conducted on 22nd July, 2019 at Sree Vidyanikethan Engineering College, Tirupati to strengthen the implementation of ECBC.

Sri. P. Rajesh, Senior Consultant, Administrative Staff College of India, Hyderabad, Ms. Saandeepani Vajje, Vice President, Earthonomic Engineers Pvt. Ltd. and Core Committee member, IGBC Amaravati Chapter, and P.C. Krishnamachary, Principal, Sree Vidyanikethan Engineering College, Tirupati delivered the lectures.

Inaugural address by Sri. P. Rajesh, Senior Consultant, Administrative Staff College of India, Hyderabad

The purpose of the workshop was to provide minimum requirements for the energy-efficient design and construction of buildings. ECBC described the prescribed standards for Building Envelope (Walls, Roofs, Windows), Lighting (Indoor and Outdoor), Heating Ventilation and Air Conditioning (HVAC) System – Comfort Systems and Control, Electrical and Renewable Energy Systems.

Sri. P. Rajesh, Senior Consultant, Administrative Staff College of India, Hyderabad delivering the lecture on Scope and Compliance of Energy Conservation Building Code-2017

Building energy codes are updated regularly to catch up with the curve of technology maturation and to set higher benchmarks for building energy efficiency. In alignment with current market scenario and advanced technologies ECBC has been taken for update also. Energy efficient technologies and materials that were apparitional in the years preceding launch of ECBC are now commonly available in Indian markets. Accordingly, ECBC 2017 has been revised to incorporate advanced technologies. Additional parameters included are related to renewable energy integration, ease of compliance, inclusion of passive building design strategies and, flexibility for the designers. One of the major updates to the code is the inclusion of incremental, voluntary energy efficiency performance levels.

Students listening to the lecture

Ms. Saandeepani Vajje, Vice President, Earthonomic Engineers Pvt. Ltd
Addressing the gathering

Felicitation to Sri. P. Rajesh, Senior Consultant, Administrative Staff College of India, Hyderabad

Felicitation to Ms. Saandeepani Vajje, Vice President, Earthonomic Engineers Pvt. Ltd

Members of the faculty from the departments of Mechanical Engineering, Civil Engineering and Electrical and Electronics Engineering, Students of Mechanical Engineering and practicing engineers obtained insights on Energy Conservation Building Codes.