



**J.C. BOSE UNIVERSITY OF SCIENCE & TECHNOLOGY, YMCA**  
**SECTOR-6, MATHURA ROAD, FARIDABAD -121006 (HARYANA)**  
*NAAC 'A' GRADE accredited State University*

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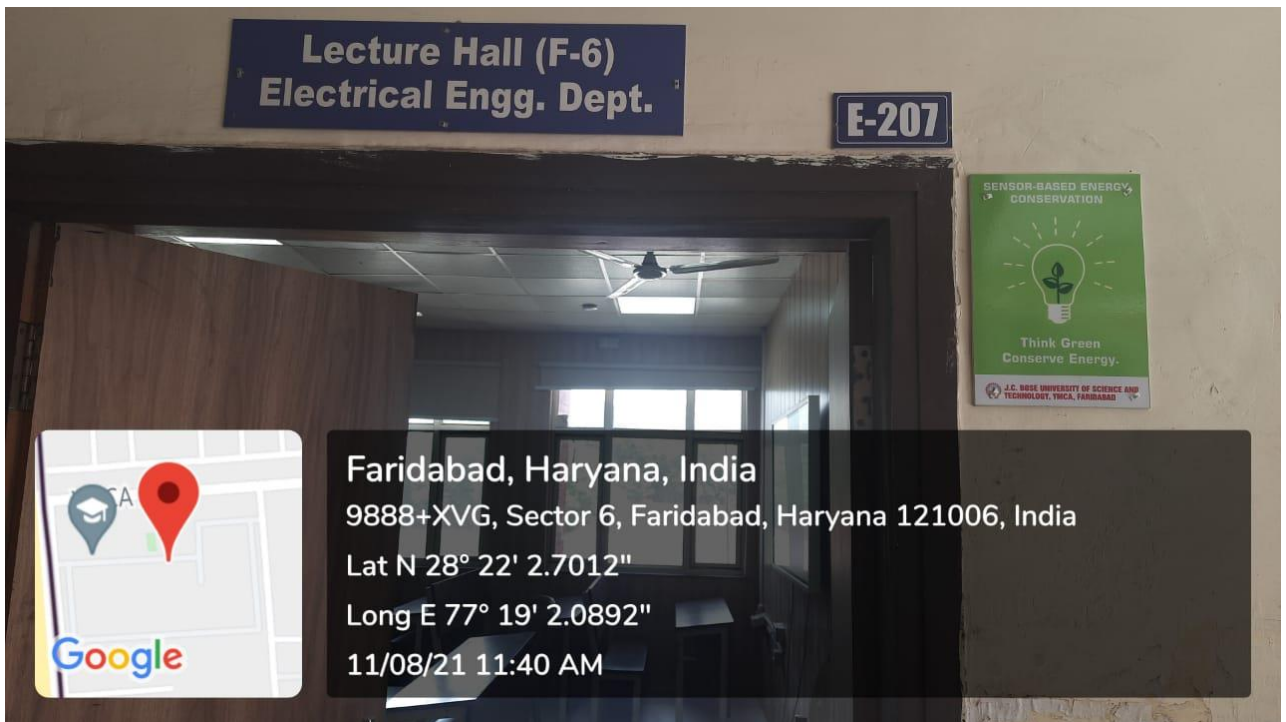
## **Sensor Based Energy Conservation**

Sensor Based Energy Conservation systems include smart control of electric devices with transformation of the manual systems into smart systems with incorporation of embedded systems. It results in substantial energy conservation, if properly used.

University has Sensor based Energy Conservation Facilities. Initially some Lecture Halls, Conference Hall and Office's in the University have been equipped with motion sensors. Lights and fans are automatically turned off 3 minutes after exit of the last person without manual operating. Devices such as air conditioners, fans, lights have been made remote controlled.

This Sensor based Energy Conservation Project was implemented as a student Project and there is no expenditure involved in it. It was done by Bridge Course Students of Electrical Engineering Department.

**Geotagged Photos of some Lecture Halls, Conference Hall and Office's with Sensor based energy Conservation facilities are attached.**





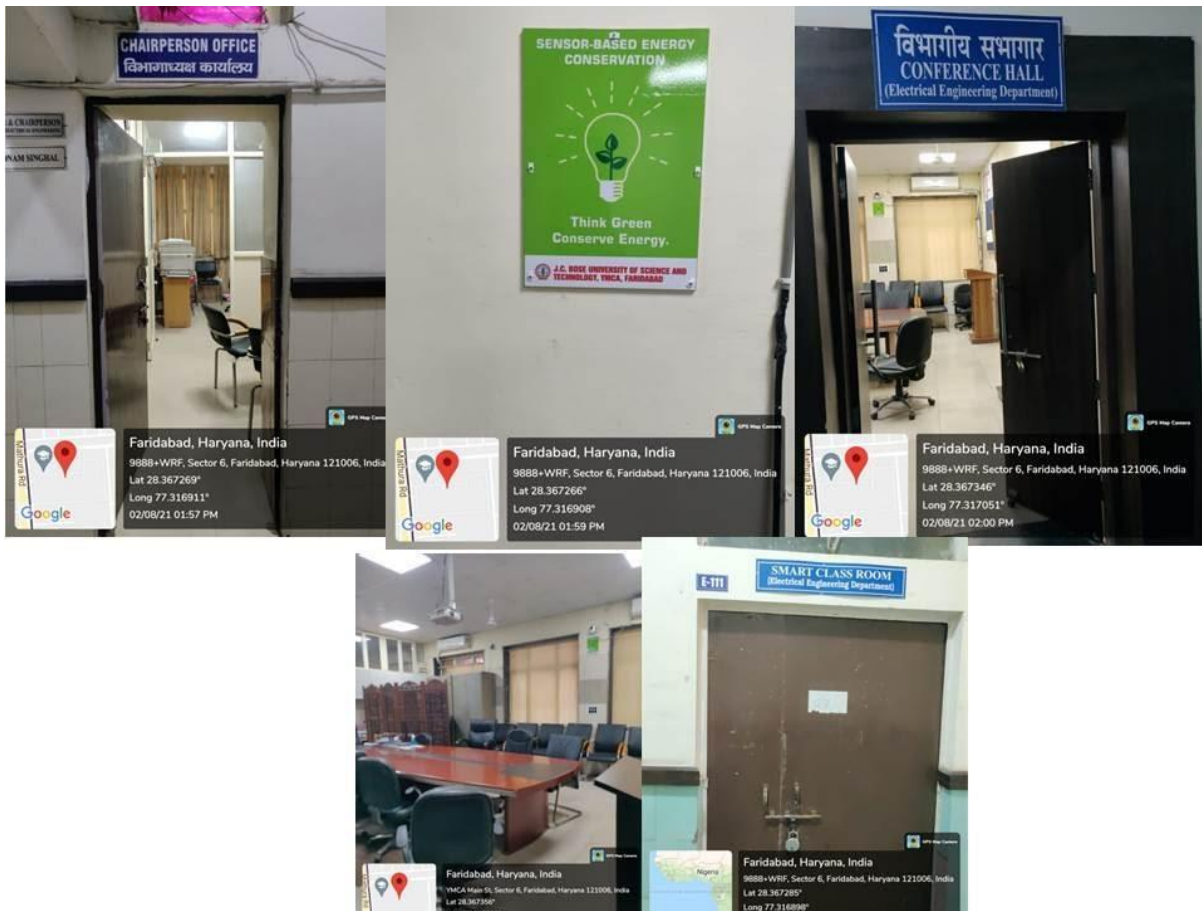


Photo Collage of the rooms (HOD EE room, Conference Hall, G7) equipped with Sensor-based energy conservation



**J.C. Bose University of Science and Technology, YMCA, Faridabad**

*(formerly YMCA University of Science and Technology)*

A State Govt. University established vide State Legislative Act No. 21 of 2009

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Date : ...28-07-2021

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**TO WHOM IT MAY CONCERN**

It is certified that Sensor based energy conservation project was implemented as students project and there was no expenditure involved on part of the University.

The project was done by the Bridge course students of the Electrical Engg. Department.

(Signature of Head of the Department with stamp)