



Dr. Bhimrao Ambedkar University, Agra

A State University of Uttar Pradesh (Formerly: Agra University, Agra)

www.dbrau.ac.in

Sensor-Based Energy Conservation

The University has implemented sensor-based lighting as an additional measure to its existing array of energy conservation methods. This system operates by automatically switching on lights when sunlight diminishes and turning them off when natural light is available, effectively contributing to energy savings. Moreover, beyond energy efficiency, these lights serve as security measures, illuminating dark areas of the campus. To further curb unnecessary electricity consumption, automatic human sensor switches have been installed in these areas. Sensor-based energy conservation, integrated with solar technology, is deployed across various university premises including VC camp office, University Guest House, I.E.T., Home Science Institute, and J.P Sabhagar.



Sensor-Based Energy Conservation in University



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Sensor-Based Biometric for attendance



Sensor-Based Biometric for Attendance in University