



Shri Gajanan Shikshan Sanstha's  
**SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING**  
**SHEGAON – 444203, DIST. BULDHANA (MAHARASHTRA STATE),**  
**INDIA**

“Recognized by A.I.C.T.E., New Delhi” Affiliated to Sant Gadge Baba Amravati University, Amravati  
“Approved by the D.T.E., M.S. Mumbai”

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## CRITERION VII - INSTITUTIONAL VALUES AND BEST PRACTICES

### Key Indicator 7.1 - Institutional Values and Social Responsibilities

Metric No	Assessment Indicators	Evidences
7.1.2	<p>The Institution has facilities for alternate sources of energy and energy conservation measures</p> <ul style="list-style-type: none"><li>• Solar energy</li><li>• Biogas plant</li><li>• Wheeling to the Grid</li><li>• Sensor-based energy conservation</li><li>• Use of LED bulbs/ power efficient equipment</li></ul>	Photographs of the Facilities



  
PRINCIPAL  
Shri Sant Gajanan Maharaj  
College of Engineering, Shegaon.



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### **Alternate Sources of energy and Energy Conservation Measures**

A grid connected roof-top solar power with a capacity of 310 kW is our major solar initiative in our campus.



Installation of Plant at the rooftop of Faculty Building



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### Energy Conservation: Promoting Awareness for a Sustainable Future

The institute has taken proactive steps to promote energy conservation by creating awareness through visually striking posters placed strategically across campus. These posters effectively communicate the significance of conserving energy resources and encourage students, faculty, and staff to adopt energy-saving practices in their daily activities



Display of Poster in Classroom





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For internal material transport, the institute employs electric vehicles (EVs) as an eco-friendly alternative



E-vehicle



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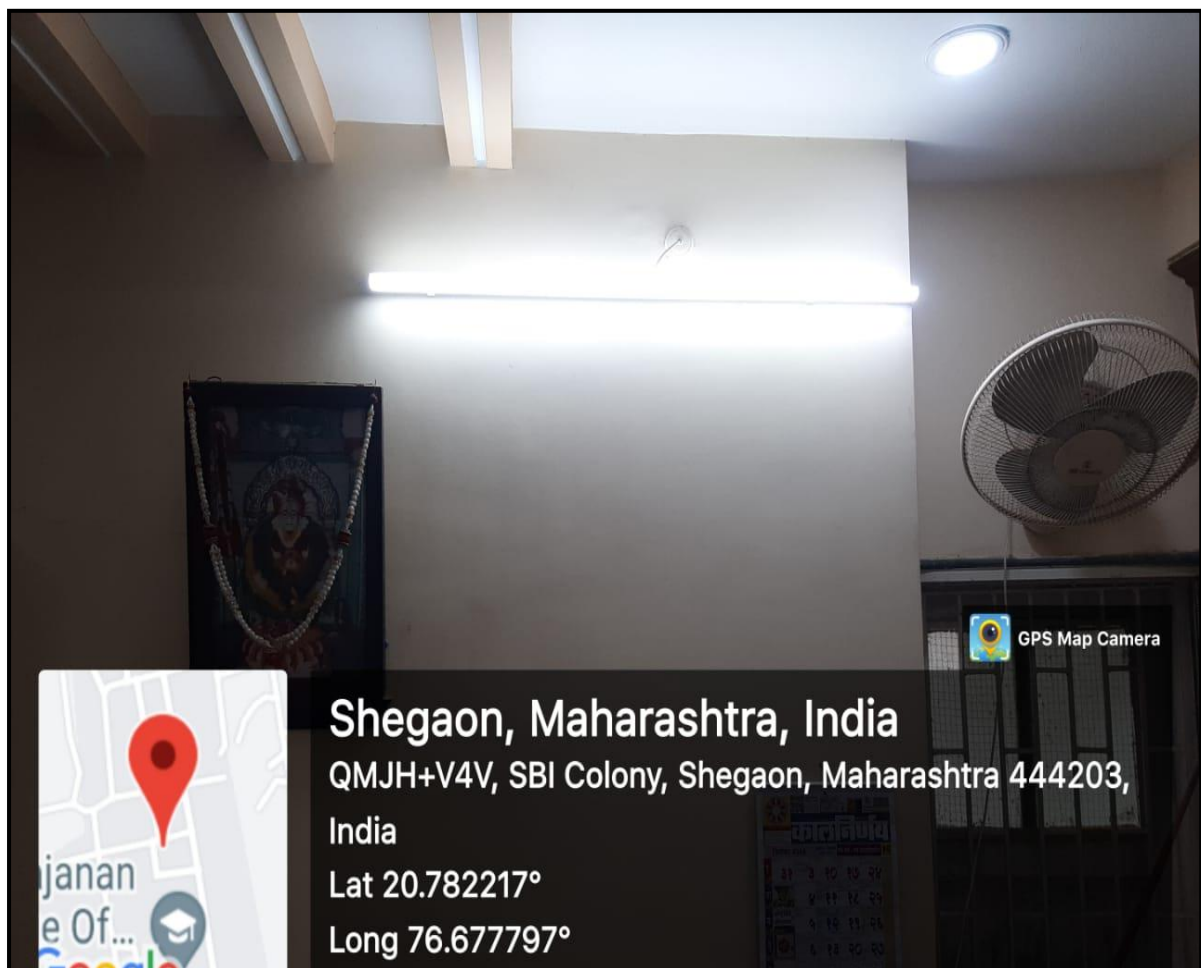
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Implemented Energy Efficiency Initiatives:

- Integration of Energy-Efficient LED Fixtures Institute-wide.
- Adoption of BEE STAR Rated Equipment for enhanced energy conservation



LED Lighting



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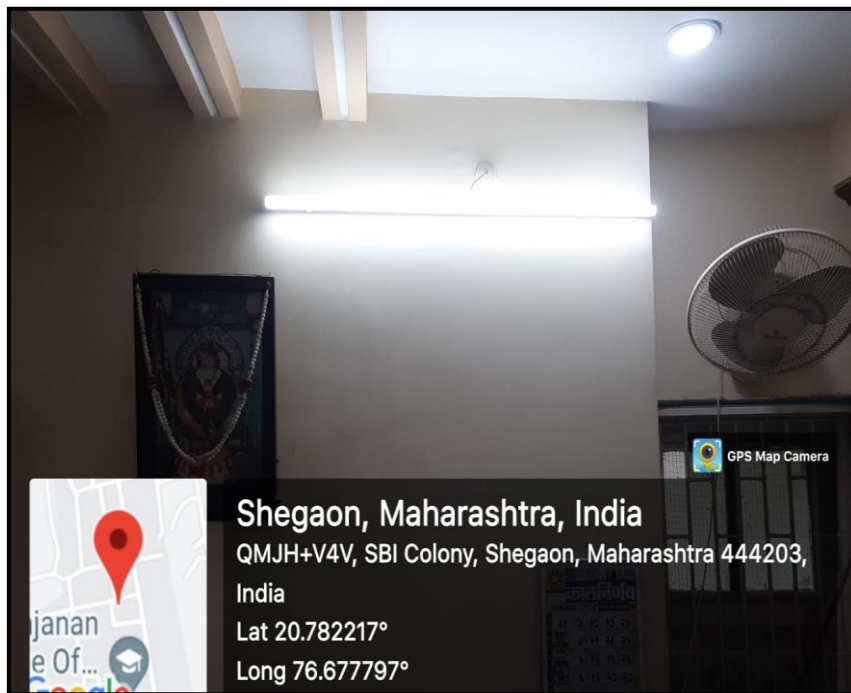
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LED Lighting(right)



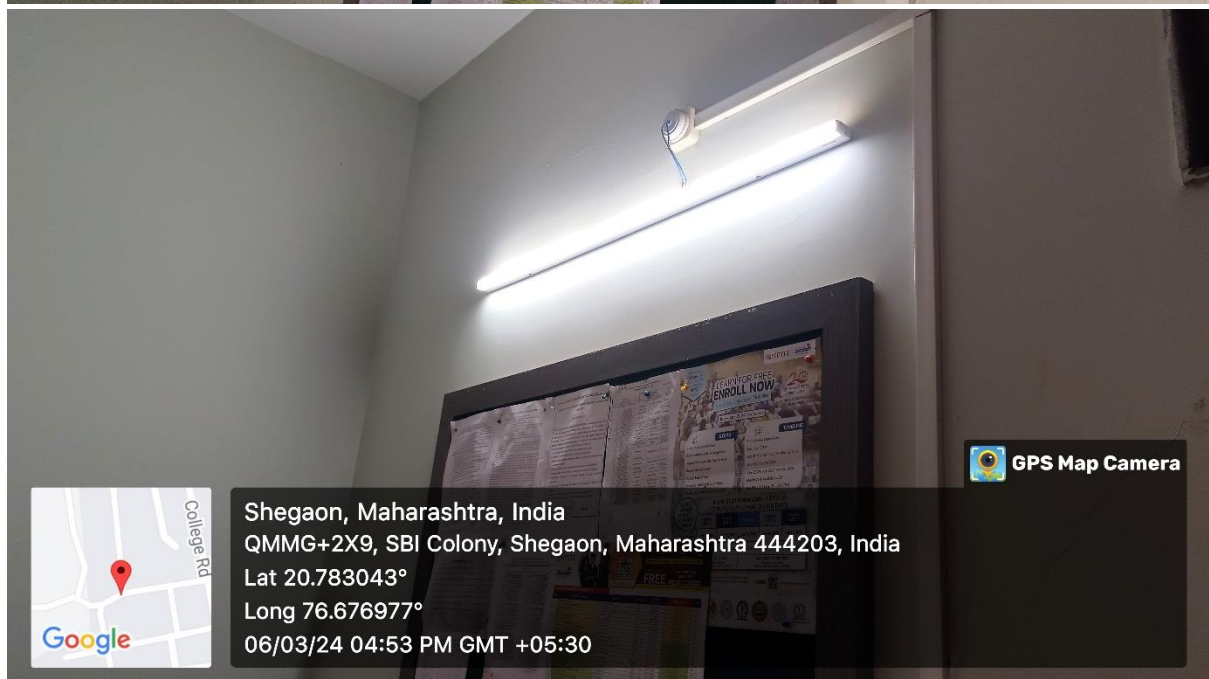
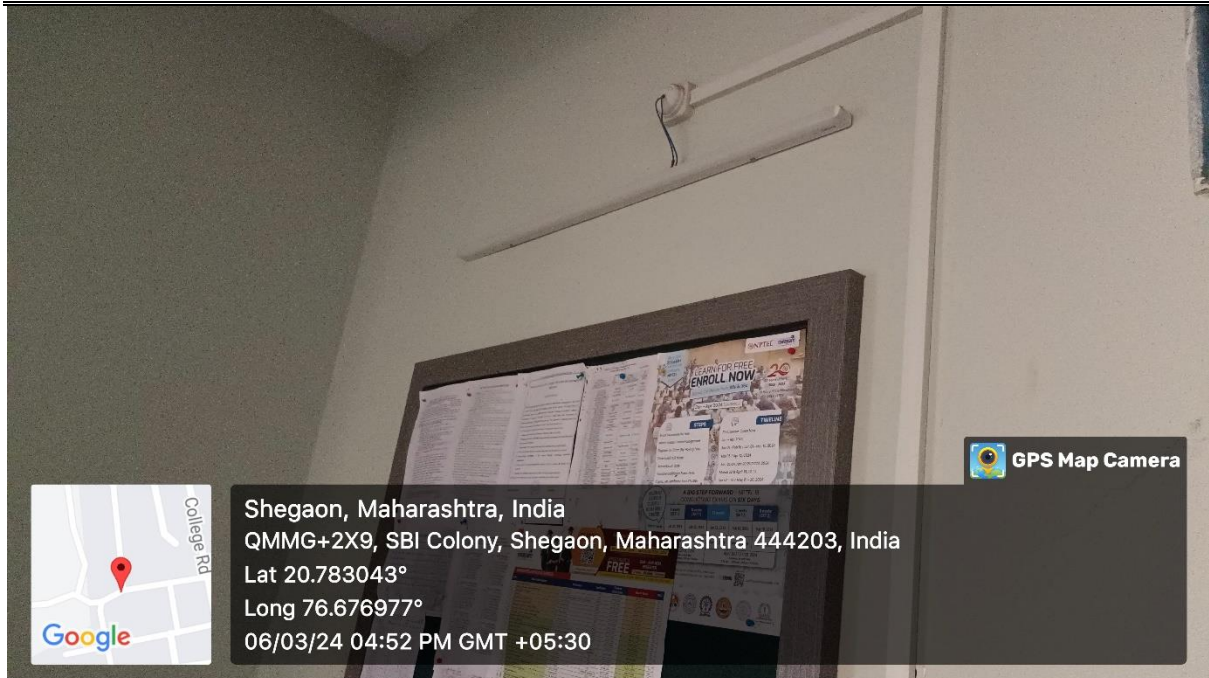


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LED light