

# JAY JAY MILLS (INDIA) PRIVATE LIMITED – HOSTEL BLOCK



Erode, India | Final EDGE Certification | December 2018

Developer: Jay Jay Mills (India) Pvt Ltd | EDGE Expert: Nandana Dilip Kumar

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The new dormitories for female workers at Jay Jay Mills (India) Private Limited are designed to be comfortable and spacious, as well as resource-efficient. Each three-story building houses 1,080 female workers to provide easy access to their workplace. As an apparel manufacturer for primarily infant and toddler clothing, Jay Jay Mills covers nearly all operations from knitting to dyeing and sewing.

Energy-saving features like reflective paint provide natural cooling for the residences, eliminating the need for air conditioning. The building also conserves energy by using solar hot water collectors and saves water by using recycled grey water for flushing. Construction materials such as UPVC window frames and autoclaved aerated concrete blocks also conserve embodied energy in materials. All of these features were implemented at no additional cost when compared to a conventional building.

The Jay Jay Mills (India) Private Limited - Hostel Block has received final EDGE certification from GBCI.

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| <b>Size</b><br>11,794 m <sup>2</sup>                       |
| <b>Certified Units</b><br>10                               |
| <b>People Impacted</b><br>1,080                            |
| <b>CO<sub>2</sub> Savings</b><br>28 tCO <sub>2</sub> /Year |



## 53% ENERGY SAVINGS

Reduced window to wall ratio, reflective paint/tiles for the roof, energy-saving lighting and solar hot water collectors are projected to save 53% of the energy that a conventional residence would require.



## 51% WATER SAVINGS

Low-flow showerheads, low-flow faucets for bathrooms, water-efficient single flush water closets and recycled grey water for flushing help reduce water waste and lower utility bills.



## 47% LESS EMBODIED ENERGY IN MATERIALS

Controlled use of concrete for floor and roof construction, autoclaved aerated concrete blocks for internal and external walls, and UPVC window frames help reduce this project's impact on the environment.



EDGE, an innovation of International Finance Corporation (IFC), is a green building certification system focused on making buildings more resource-efficient. It empowers developers to quickly identify the most cost-effective ways to reduce their building's energy use, water use and embodied energy in materials. Green Business Certification Inc. (GBCI) administers EDGE certification in over 140 countries around the world and is the exclusive certification provider for all EDGE buildings in India. Learn more at [edge.gbci.org](http://edge.gbci.org).