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## Hit gym, go green

IIT-Gn students attempting to produce energy through gym equipment

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Posted On Friday, August 20, 2010



Health freak IIT Gandhinagar (IIT-Gn) students have found yet another reason to hit the gym. A team of young techies claims have to produced electrical energy by exercising on gym equipment. The group will showcase its innovation, green gym, at Amalthea, a national level technical summit organised by the institution.

“This is just a beginning. We want to continue with such innovations. The management also wants our new building to be an eco-friendly. In fact, we want to convert our campus into a clean energy building,” said Yash Shah who stumbled upon this environment friendly thought on campus. The students will connect cycle, stepper and vibrator/massager to a dynamo through a shaft which will produce energy.

The cycling motion will create rotation energy. This rotation energy will generate current and will be transferred to a dynamo. A battery attached to the dynamo gets charged. “Mechanical energy get converted to into electrical energy while cycling or running on treadmill. We get efficient green energy,” said Dhruv Chokshi, a member of the young techie’s group which has floated the ‘green idea’ on the campus.

### Foreign entires at Amalthea

Amalthea, a two-day national event which will be held on October 9 and 10, will showcase some eco-friendly initiatives of the student. The event will see the participation from other IITs and NITs. A team from Singapore is also going to display its solar car. Programme on rural development and robotics will also be a part of the event.

K Subramanya, CEO, Tata BP Solar, Prof S P Sukhatme, former director of IIT Bombay, Anil S Kane, chairman, Indian Wind Energy Association, Anil Gupta, executive vice chairman, NIF, Alok Das, Gujarat head, Suzlon and Mohan Bhan, vice president, Moserbaer are some of the speakers at the event.

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