

IIT-Gn, US institute tie up for electrical engineering edu

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Ahmedabad: In a joint initiative, the Indian Institute of Technology, Gandhinagar (IIT-Gn) and the Institute of Electrical and Electronics Engineers (IEEE), US, will develop a series of faculty development programmes for improving education in electrical engineering.

Though the programmes will improve instruction in electrical engineering across the nation, the pilot project will begin from Gujarat. In fact, the state's engineering institutes will experience the specialized programmes this month itself between November 13 and 17.

The FDP was envisaged in 2012 during a meeting of IIT-Gn and IEEE officials and a rigorous course content in four key areas of electrical engineering — introductory electronics, electronic devices, circuit analysis, and digital systems — was developed.

"Before launching the FDP at the national level, we decided to conduct a pilot project for the electrical engineering faculty in Gujarat," said Prof Sudhir Jain, director, IIT-Gn. The pilot project will be conducted with the help of Guja-

Pilot project will be organized at state's engineering institutes between November 13 and 17

rat Technological University (GTU).

Over 200 faculty members of engineering institutes from across the state will be trained in the pilot project to be held between November 13 and 17.

Participants will get web-based courses of study, teaching tools, instructor guides, sample problem sets, lab exercises, and online simulations for electrical, electronic, and computer engineering courses.

Professors from IIT-Gn and Prof Michael Lightner, vice-president, educational activities of IEEE will be taking the classes.

Prof Arup Lal Chakraborty, one of the four IIT-Gn professors who will be conducting classes for the FDP, said that going by the current state of affairs, they felt there was scope for improvement. The quality of electrical engineering education in the state could be enhanced by improving the method of teaching, he said.