

IITGn to introduce new subject on fire engineering

The Indian Institute of Technology Gandhinagar (IITGn) is gearing up to churn out fire engineers for residential, industries, commercial buildings, institutes, hotels, heritage buildings, nuclear plants and so on.

The institute is planning to introduce a specialised subject in 'Fire Engineering' that will be initially taught to mechanical, electrical and chemical students. Later the institute will introduce highly specialised course in fire engineering which will be first of its kind in India, said a highly placed source in IITGn. The course will be customised as per the industry demand and what the student wants to go for, for instance oil and gas, and nuclear plants. IITGn Director Sudhir Jain said, "We are planning to introduce a specialised course in fire engineering. For this we are planning to hire experts from the United States of America."



IITGn plans to hire experts to teach the course

Jain added, "It is one expertise that can do a lot of cost controlling for companies, libraries, offices, institutes, etc, by detecting and preventing the areas from possibility of accidental fire. For instance, if a mechanical, electrical or chemical engineering student is aware of the science of fire engineering, he can do the planning in such a way that the chances of fire accidents are zero."

At the primary level, the subject will mainly focus on detection, accidents, method of fire suppression system and challenges to resist fire. Thus, containment and resistance of fire will be taught to the undergraduate students.

The institute has also created two laboratories on its campus wherein they are currently working on the safety measures for kitchen fire. The trials are on and the students have attained more than 75 per cent success till now.

EXTRA INFO

IITGn is one of the new IITs started in the academic year 2008-09. Currently the Institute is functioning from the premises of the Vishwakarma Government Engineering College. The institute currently offers a four-year B Tech programme in Chemical, Electrical and Mechanical Engineering and an M Tech programme in Chemical and Civil Engineering. It also offers PhD programmes in several disciplines in Engineering (Chemical, Civil, Computer Science, Electrical, Mechanical, and Metallurgy & Materials Science), Sciences (Chemistry, Physics and Mathematics) and Humanities & Social Sciences (Cognitive Science, Economics/Finance, English, Philosophy and Sociology).

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Page : 08