

# The Tribune

## COURSE CHAT: M.TECH IN BUILDING SCIENCE AND TECHNOLOGY

### The science of building

Jain University, Bangalore, in collaboration with Indian Green Building Council (IGBC), recently launched a two-year M.Tech programme in Building Science and Technology (with specialisation in Green Technology). This four-semester programme with an intake of 18 seats will

commence in 2014.

The modules covered are Environmental and Sustainable Engineering, Green Technology, Carbon footprint and Measurement for all building types, Modern Materials, Construction and Characterisation, Life Cycle Assessment and Materials

Selection, Building Rating Systems with case studies, Retrofitting of buildings, Renewable Energy, besides others. The pedagogy and the curriculum have been designed, keeping in view the professional demand for cutting edge technology solutions to address the sustainability challenges.

Speaking on the launch of the new programme, Dr. N Sundararajan, Vice Chancellor, Jain University said, "Rapid urbanisation leading to environmental degradation on a massive scale is mainly attributed to the building and the construction industry. Sustainable building technology requires interdisciplinary expertise and today there is a dearth of professionals in the space, with specialised knowledge and skills.

Hence we have joined hands with IGBC for the programme, to develop competent professionals with required techno-managerial skills in building science and technology, with more emphasis on Green Technology."

Graduates of this M.Tech programme will have good career opportunities and growth in the infrastructure, energy, real estate sectors, township development, etc., both within India and overseas.

Eligibility criteria for admission to this programme include candidates who have passed BE / BTech degree or its equivalent in Civil/Mechanical Engineering with not less than 50 per cent marks in the aggregate. The SC/ST category of candidates will require at least 45 per cent. The other eligibility conditions are as per university regulations.

