

IITGn to offer 3D digitisation course

Course to guide on how to create 3D digital models and contribute to conserving heritage

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IIT, Gandhinagar will be offering a course on 3D digitisation to contribute to the conservation of heritage and culture in the country. The 10-day course to begin from November 30 is a part of Ministry of Human Resource and Development (MHRD) scheme of Global Initiative on Academic Network (GIAN). It will focus on 3D digitisation and its application in heritage conservation.

Course co-ordinator Professor Shanmuganathan Raman said, "This intensive 30-hour course on 3D digitisation for cultural heritage is open to executives, engineers and researchers from

COURSE CONTENT:

Basic working principles

Creation of 3D models

Manipulation of 3D models

Use of 3D data in cultural heritage

Hardware

manufacturing, service and government organisations including R&D laboratories, students at all levels of BTech, MSc, MTech or PhD. "

Talking about the technique, he said, "Nowadays, the technique has become an essential tool in the conservation, restoration and presentation of cultural heritage. The course will emphasize on this cultural heritage-oriented aspect while keeping the provided information as technical as possible so that the participants can find it useful from any engineering discipline as well as computer science perspective."