

IIT Hyderabad Invites Applications For Short Term Course

The institute invites applications for Short Term Course on ‘Nonlocal Mechanics Approaches for Modelling Localized Deformations’.



INDIAN INSTITUTE OF TECHNOLOGY
HYDERABAD



Hyderabad is inviting applications for a Short Term Course on ‘Nonlocal Mechanics Approaches for Modeling Localized Deformations’ to be held from 19th to 21st February 2019 here. The last date to apply email is 15th December 2019.

The course will provide an overview of modelling approaches used in the mechanics of elastic and inelastic materials and structures, with special attention to the objective description of highly localized deformation modes such as damage, fracture, and shear bands.

Highlighting the importance of this short-term course, Dr. Amirtham Rajagopal, Associate Professor, Department of Civil Engineering, IIT Hyderabad, said, “This course is intended to provide graduate students, engineers, and researchers working in aerospace, automotive, civil, mechanical engineering, and materials and manufacturing industries with the theory and applications of nonlocal and nonlinear mechanics approaches for modelling localized elastic and inelastic deformations. More specifically for modeling fracture or damage in materials. The course will be co-taught by IIT H faculty, together with renowned international faculty such as Prof JN Reddy and Prof Arun Sriivasa from Texas A&M University USA.”

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The persons attending the course will benefit in gaining knowledge and information in the following areas:

- nonlocal mechanics theories,
- nonlinear analysis,
- elastic-plastic models, and
- damage and fracture in solids.
- Further information can be obtained from the official website

Source: BW Education

Date: 09/12/2019