



ICTS Seminar

- Title : Geometry of varieties of general type with application to Calabi-Yau Manifolds
- Speaker : Bangere P Purnaprajna, University of Kansas, Lawrence
- Date : Wednesday, January 1, 2020
- Time : 10:00 AM
- Venue : Emmy Noether Seminar Room, ICTS Campus, Bangalore
- Abstract : We will discuss the geometry of varieties of general type in all dimensions. We will concentrate on particular class of such varieties which are extremal from various geometric perspectives. They have very natural analogue among curves and surfaces. We derive some compelling corollaries for Calabi- Yau n folds. The topics that will be broached in this talk include deformations and moduli, topology of varieties of general type among other things. Plenty of motivation will be given during the talk on why we should be studying the topic such as this.