

**DEPARTMENT OF PHYSICS : : TEZPUR UNIVERSITY**

**NOTICE**

**Dated: 14.02.2023**

As a part of Silver Jubilee celebration of the Department of Physics, T.U., Prof. Umesh Garg, Professor of Physics and Astronomy, University of Notre Dame, USA, will be delivering a talk in the Department of Physics as per following schedule.

Topic : **"From Heavens to Earth, the Little Nucleus Reigns Supreme"**

Date : 17.02.2023

Time : 3:00 pm.

Venue : C.V. Raman Seminar Hall, Department of Physics, T.U.

All are requested to attend the talk.

Head,  
Deptt. of Physics

**Abstract:**

The stars get their energy from the nuclear fires raging in their cores. The same processes give rise to formation of all elements in the universe. In this talk, we will go on a journey from the beginning of time to the formation of stars, and the role that nuclear physics plays in the generation of energy that fuels the stars and provides nuclear power on Earth.

I will also touch on a specific property of nuclei, the incompressibility, which plays a crucial role in our understanding of nuclear phenomena related to the neutron stars.