

Jan.30, Thursday:

JU Car will pick up the members of the OSU delegation and bring them to the GLOBAL CAMPUS. Another car will pick up 8 members of the faculty from CPGS and bring them to the GLOBAL CAMPUS. **NOTE: Pick up time: 8:30am, sharp!** All participants are requested to be ready for departure few minutes prior to departure. It is a long drive (60 to 90 minutes, depending on the world-famous Bengaluru traffic!)

The following participants from CPGS will be picked up from CPGS and taken to the Global Campus:

- 1) Dr. Sudha Deshmukh
- 2) Dr. K.N.Varalakshmi
- 3) Dr. O.S.Bindu
- 4) Dr. Swati Routh
- 5) Dr. N. Shanthi
- 6) Dr. Sovan Ghosh
- 7) Dr. Parijatha Rao
- 8) Dr. Sri Vidya
- 9) Dr. P.C.Deshmukh

Events at the Global Campus:

10am to noon: Visit coordinated by Dr.Krishna Venkatesh, Dean-Research, JU.
Noon to 1pm: Talk by Dr. Sultana Nahar

Title: Hot Atoms and Spectroscopy of Astronomical Objects

Abstract: We study astronomical objects through the radiation they emit.

The radiation can be generated at the core due to nuclear fusion.

However, most radiation we observe come from excited atoms and ions

- "hot atoms". Ground telescopes and space observatories detect the radiation or the photons. Through spectral analysis of these photons we learn about these objects. I will discuss some illustrative astronomical objects and what are the dominant processes of these "hot atoms" that cause emission or absorption of radiation.

1pm to 2pm: Lunch at Global Campus

2pm: Departure of the three OSU delegates, Dr. Sudha Deshmukh, Dr. P.C.Deshmukh to the Knowledge Campus. Dr. Krishna Venkatesh will also join, if possible.

Other faculty from CPGS will return to CPGS.

3:30pm to 5pm (at Knowledge Campus): Discussions between OSU delegates and the President (Dr.Chenraj Roychand), VC (Dr.N.Sundararajan), PVC (Dr.Sandeep Shastri), Registrar (Prof.NVH Krishnan), Dean-Sciences (Dr.Sudha Deshmukh), Dean-Research (Dr.Krishna Venkatesh), Director-HR&CA (Ms.Aparna Prasad) and Dr.P.C.Deshmukh at the Knowledge Campus.