

## **Astronomy & Astrophysics Division Seminar**

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**Title : Near-IR Imager Spectro Polarimeter (NISP) electronics Development**

**Speaker : Ms. Deekshya Roy Sarkar (PRL, Ahmedabad)**

**Date : 28.08.2017 (Monday)**

**Time : 16:00 Hrs**

**Venue : Seminar Room # 113/114 (Thaltej Campus)**

### **Abstract :**

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Near-IR Imager Spectro Polarimeter (NISP) with H2RG detectors is being developed as a back-end instrument for the upcoming 2.5m telescope at Mt Abu. In this talk, I shall discuss about the two approaches (discrete and ASIC based) that we have adopted for developing the front end electronics of the instrument. I shall also talk about the advantages and performance characteristics, and the work done so far.

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