



***Geosciences Division***  
***Physical Research Laboratory***

**Tuesday Seminar**

**Late Quaternary sedimentation in the western India: A  
geochemical provenance study**

**Abstract**

The western part of Indian sub-continent is home to a unique repository for Quaternary sedimentary deposits, representing different climatic and geomorphic regimes. One of the important steps to understand the landform evolutionary processes is to decipher the source and transport pathways of the sediments deposited in these basins. Rare Earth Element (REE) geochemistry and Sr-Nd isotopic signatures are important tools to decipher sediment provenance. In this talk I would present results of our study carried out in this regard, from Luni river basin, Thar Desert and Ghaggar River.

**Speaker: Mr. Anirban Chatterjee**  
**SRF, GSDN**

<b>Date</b>	<b>Time</b>	<b>Venue</b>
22-July-2015	16:00 hrs	*Nano-SIMS Lecture Hall

**All are invited to attend and participate in discussion**  
Tea at 15:30 hrs

***Neeraj Rastogi, Seminar Secretary, Geosciences Division***

**\* Change in Venue**