



***Geosciences Division  
Physical Research Laboratory***

**Tuesday Seminar**

**Global signatures of Little Ice Age and Medieval Warm Period in the climatic records from the southern Saurashtra Coast during the last two Millennia**

**Abstract**

The climate during the last two millennium witnessed both warming and cooling periods in the form of Medieval Warm Period (MWP) and Little Ice Age (LIA). These past global climate changes have strong regional expression. Studies from Indian subcontinent have highlighted the existence of MWP and LIA. However, there remains a knowledge gap regarding such global event from the western India. In view of this, mudflats from the southern Saurashtra coast, Gujarat were selected for the climatic reconstruction. The study aims to reconstruct the climatic variability observed during the last two millennia and to correlate the present finding with the global climatic events such as MWP and LIA. On the basis of geochemical proxies supported by C-14 dating, the preliminary results suggest that the Saurashtra region also responded to global climatic events such as MWP and LIA.

**Speaker: Ms. Upasana S. Banerji  
PA, GSDN**

<b>Date</b>	<b>Time</b>	<b>Venue</b>
13-Jan-2015	16:00 hrs	Ground Floor Lecture Hall

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