



**Physical Research Laboratory**

## **Tuesday Seminar**

**Lakshadweep corals and their paleoclimate proxy records**

### **Abstract**

Corals are important natural archives of paleoclimate proxy records. They provide high resolution proxy records of past climate and ocean. These high-resolution proxy records can be used to study past changes in monsoon and sea surface conditions. In Indian context, earlier studies were carried out on Lakshadweep corals establishing them as faithful recorder of sea surface temperature changes. In recent years Lakshadweep corals show reduced growth rate, which could be related to warming of surface waters in the region. Lakshadweep also receives good amount of rainfall during summer monsoon season, however in previous studies no correlation has been observed between monsoon precipitation in coral proxy records. In this talk, I will discuss coral proxy data and possibility of coral recording monsoon signatures.

**Speaker: Mr. Harsh Raj  
SRF, GSDN**

<b>Date</b>	<b>Time</b>	<b>Venue</b>
31- July-2018	16:00 hrs	Ground Floor Lecture Hall

**All are invited to attend and participate in discussion**

***A .K. Sudheer, Geosciences Division***