

### **FACULTY ORIENTATION LECTURE**

- \* Department : Civil Engineering
- \* S.NO. of Lecture : 2
- \* Room number of lecture :M208
- \* Date &Time :11/07/2017 & 4:20p.m.
- \* Name of the speaker: Dr. Sunil RanjanMohapatra
- \* Research Group of speaker : Geo-technical Engineering
- \* Topic selected from: Journal
- \* Title of the topic : Application of Geosynthetics in Civil Engineering
- \* Brief description of the topic :A geosynthetics has been defined by the ASTM.  
Applications of the geosynthetics are (a) Slope stabilization (b) Embankment on reinforced concrete pile in soft clay (c) Lining of dams.  
Geotextiles, Geogrids, Geonets, Geomembranes, Geosynthetic clay liners, Geocell, Geofoam, Geocomposites are the various geosynthetic materials used.  
Uses of Geosynthetics are it reduces costs, Enhance performance, Environmental friendly, Sustainability, Improved lifecycle.
- \* Number of faculty attended the lecture : 30 out of 40

