

FACULTY ORIENTATION LECTURE

- * Department : Civil Engineering
- * S.NO. of Lecture : 3
- * Room number of lecture :M208
- * Date &Time :18/07/2017 & 4:20p.m.
- * Name of the speaker: Mr. J.ChandraSekhar
- * Research Group of speaker :Transportation Engineering
- * Topic selected from: Journal
- * Title of the topic :Conventional Ground Survey
- * Brief description of the topic :Conventional Ground survey is of three types.
 1. Reconnaissance survey 2. Preliminary survey 3. Final Survey

Reconnaissance survey is the survey where the areas are studied according to length, environmental, climate and soil as factors of the consideration to study. We also consider economic and geographical factors depending on study area such as culverts, elevated surfaces. Depending on consideration of factors the alignment of roads are decided. As soil may vary with properties in different areas.

In **Preliminary survey** horizontal and vertical curves are considered before giving the slopes and thus after the reconnaissance survey the preliminary survey is done.

Final survey depending on the reconnaissance and the preliminary survey the final survey decides the offset and center line.
- * Number of faculty attended the lecture : 27 out of 42

