

Visit Date: 3<sup>rd</sup> April, 2012

11:30 A.M. to 03:30 P.M.

## Industrial Visit Civil—4<sup>th</sup> Sem.

### Objective of Visit:

- To perform and learn various aspects of contouring.

### *Visit to Ambaji – Banaskantha, North Gujarat*

On 3<sup>rd</sup> April 2012, the students from 4<sup>th</sup> Civil of Smt. S. R. Patel Engineering College Dabhi, Unjha along with 3 faculty members went Ambaji, North Gujarat for contouring. They reached their destination at 11:30 and started their activities within short time.

The contour maps thus developed has widespread applications in various fields of civil and other engineering.



**Students and faculty with equipments at contouring site, Ambaji**

### ***Faculty in-Charge***

*Prof. Paresb Patel*  
*Prof. Sailesh Patel*  
*Prof. Amrutlal patel*  
*(Civil-Department)*

The complete group of students was divided into three teams which were headed by each faculty member. Each group has taken readings at one of the pre-defined three stations A, B and C at the site. Then the team adjusted the instrument and performed centering and leveling. North was taken as 0°0' by station A

and after that angle ABC, BCA were measured. Station A was taken as a reference station. Upper surface of stable stone was taken as a bench mark for all stations. Each member of a team was involved in taking reading, writing the record, making linear measurements and arranging the ranging rods and staff. The visit was fruitful in explaining the methodology to the students.

### *Site Detail*

#### **Address:**

Ambaji ,  
Banaskantha,  
North Gujarat