

L.J. POLYTECHNIC, AHMEDABAD

CIVIL ENGINEERING DEPARTMENT

4th & 6th SEMESTER

EXPERT LECTURE REPORT

Topic Name	Slipform Technique – A Method of Construction
Expert	Mr. Harishchandra Jakhmola
Date	12/03/2016
Arranged by	Akash Agrawal
Related subject	Construction Project Management
Project brief	<ul style="list-style-type: none">• Slip forming, continuous poured, continuously formed, or Slipform construction is a construction method in which concrete is poured into a continuously moving form.• Slip forming is used for tall structures (such as bridges, towers, buildings, and dams), as well as horizontal structures, such as roadways.• Slip forming enables continuous, non-interrupted, cast-in-place "flawless" (i.e. no joints) concrete structures which have superior performance characteristics to piecewise construction using discrete form elements.• Slip forming relies on the quick-setting properties of concrete, and requires a balance between quick-setting capacity and workability.• Concrete needs to be workable enough to be placed into the form and consolidated (via vibration), yet quick-setting enough to emerge from the form with strength.• This strength is needed because the freshly set concrete must not only permit the form to "slip" by the concrete without disturbing it, but also support the pressure of the new concrete as well as resist collapse caused by the vibration of the compaction machinery.• The lecture was followed by presentation & videos of how to construct a chimney with the help of Slipform Technique which is of 265 m height.• Students are highly motivated with this expertise lecture.• The hands on experience of this expert will prove so much beneficial to the students career for the theoretical as well as practical approach using this technique.• This had encouraged the students to stay focus on advance technologies which is utilized for civil construction.• We are so much thankful to Mr. Harishchandra sir for scheduling this lecture.
Attendance of student	183

Snaps



**Snaps during
Interactive
Session with
Expert**

