

Civil Department
2nd September, 2017



Smt. S. R. Patel Engineering College

Expert Lecture Report

Expert Lecture

on

“Design, Working and Construction of Segmental Elevated Viaduct”

Objectives:

The main objective of this expert lecture was to create the practical knowledge about the stressing, grouting, erecting, girder launching and launching segments.

Expert:

Yogesh Patel
Structural Engineer,
Metro Rail Project, Ahmedabad,
Ranjit Buildcon Ltd.

Topics :

1. Introduction of Ahmedabad Metro Project
2. Method of Segmental Launching
3. Girder Launch for launching segment
4. Span erection
5. Temporary stressing
6. Permanent Stressing of cable
7. Grouting and other erection activities



Summary

5th and 7th students got the knowledge about the metro rail project and the construction process of segmental bridge during the 3 hours session of the workshop.

Feed back from the students	Highly Satisfied	Satisfied	Neutral	Dissatisfied
1. Expert Knowledge	87%	07%	6%	0%
2. Subject Experties	90%	8%	2%	0%
3. Practical Application	93%	03%	4%	0%
4. Time Allotted	85%	10%	5%	0%

Lecture Participant :

Expert lecture was organized for students of 5th and 7th semester Civil Engineering . There were 57 5th semester students and 39 7th semester students were present in Expert lecture.