

Aditya Silver Oak Institute of Technology
Department Civil Engineering

Name of the Club: Silver Maple Club			
Title of the Activity: Visit on Railway Bridge and Tunnel Engineering			
Coordinator: Civil department of ASOIT			
Venue:	Sabarmati Railway Station and yard.	Date:	14th march2019

Objective:

To get the technical idea about how column to column connection using bolt is done, gusset Plate attached with column and how wave theory works on rail

Expert or Guest Profile (In Detail):NA

No. of Participants: 50 students of 6th sem

Outcome: This visit covers an all the points the students to know about how the steel structure is made or how does it looks. Even during the visit we got to know about the rails and how the wave theory works on it and how it gets corroded. The points on connections (rivet, bolts and weld) were discussed too

Civil engineering department of Aditya silver oak institute of technology organized a technical visit of 6th semester students as academic curriculum activity for enhance their knowledge in railway engineering subject .The main objective of our visit was Students were to get practically knowledge and understand the railway engineering subject in depth, In visit Students were understood how to carried out initially construction work actual on site of railway track. They gained knowledge of all the components of railway track with their function in details they also got information of source of different material which are used in track construction. How to apply maintenance work of railway track, detection of failure part and signaling, interlocking system. In railway yard students also show the resurfacing process of wheel of railway

Photographs





