



ADHI
COLLEGE OF ENGINEERING & TECHNOLOGY

No.6, MunuAdhi Nagar, Sankarapuram, Near Walajabad,
KanchipuramDist – 631 605. Ph: 044 – 2729 0096

INDUSTRIAL VISIT REPORT ON BRIDGE CONSTRUCTION AT PALLAVARAM, CHENNAI.

Date of Visit: 10-03-2018

Totally **42 students of IV year CIVIL** of ACET visited the 'bridge deck construction' at pallavaram chennai. The students were accompanied by three faculty members from ACET.

The students group started from ACET campus at 10.15 a.m. and reached the BRIDGE CONSTRUCTION place at 11.00a.m.

Address: The site engineer, **Mr. VENKADESAN**, addressed the students about the site and welcomed the students and explained the students in depth.

Issues faced while construction of bridge: The site engineer shared his experience with the students. They also explained about what the difficulties and short comings faced by them and how they overcame they while construction of bridge.

Bridge Visit: Students visited the bridge and learned about

1. We learnt about the parts of bridge such as piers, decks and Retaining wall etc.,
2. And the dimensions of piers
3. Total length of the that bridge is about 135m
4. The grade of concrete used is M35 which carries much load.
5. They showed the records of results of various tests conducted in the site
6. Construction of piles and retaining walls
7. How to do naming for the abutments and piers of bridge

Pier details: there are totally 19 number of piers, centre to centre distance between the piers are 20m, made by using M35 concrete and Fe 500D steel.

Estimation of the bridge: The estimation of the project is 300 cores and the estimation of the bridge is 75 cores.

Photos Gallery:



Mr. VENKADESAN explaining about pile foundation



Reinforcement details of deck slab



Mr. VENKADESAN and our students