



**Sandip Foundation's
Sandip Institute of Technology & Research Centre, Nashik
Department Of Civil Engineering
Academic Year 2018-19
Report on Site Visit**

- 1. Event Title:- Visit to Central Railway Engineering Workshop, Manmad**
 - 2. Event Date:- 26 September 2018**
 - 3. Event Conduction Duration:- 5 Hrs.**
 - 4. Event Venue:- Central Railway Engineering Workshop, Manmad**
 - 5. Event Resource Person Details:- Mr. Jivan Chaudhari (Section Engineer)**
 - 6. Name of Event/ visit Coordinator:- Prof. Samrat P. Khokale**
 - 7. Event Objective:- To learn the Actual Design & Fabrication of Structural Steel Elements**
 - 8. Event Summary:- The students of TE Civil from Sandip Institute of Technology & Research Centre visited Central Railway Engineering Workshop. The main purpose behind the visit was to learn the structural Elements & Its Objectives as civil point of view.**
- Students Learned Following aspects:**
- a. Students are able to understand the difference between gantry girder & Plate girder**
 - b. They learned about Type of joint**
 - c. Process of Bolting, Riveting & Welding**
 - d. Gusset plate size calculation**
 - e. Manufacturing of Different bearings used in Steel bridges**
 - f. Lacing & Battening of Column section**
 - g. Point & crossing construction**
 - h. Sand blasting to members, corrosion treatments to structural members.**
- 9. Event Outcomes:- Students learned the Basic Fundamentals of Design of Steel Structure on site. Also got knowledge about the field difficulties at the time of manufacturing of Steel structure**



10. Event photos:-







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Event Coordinator

Dr. J. G. Nayak

Dr. J. G. Nayak

H.O.D

Civil Engineering Departmen



S.T. Gandhe

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