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Department of Civil Engineering

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Report of Field Visit to “Cinab River bridge & Tunnel T-5 in Jammu,”

Department of civil engineering organized two day field visit on 11th and 12th Jan 2019, Cinab River bridge & Tunnel T-5 in jammu.

Day 1 in Jammu (11th Jan 2019 Friday)

On the this day field visit was scheduled to Chinab Rail bridge which is part of this USBRL project. Site was in Salal 75 km from Katara. Chinab Rail bridge is unique type of bridge which is under construction and undertaken by Konkan railway & Northern railway. The Contracting firm is AFCON. This is the worlds tallest rail bridge having 490 m arch span (almost half kilometre). Height of bridge is 359 m; which is even greater than Eiffel tower. Around 29000 MT steel work is involved. Students were pleased with this the field visit & eye witness of this wonderful project and the experience shared by Dy.Chief Engineer Mr. R.R.Malik on site.

.Day 2 in Jammu (12th Jan 2019 Saturday)

On second day (12th Jan 2019) the visit was scheduled to Tunnel T-5 & Bridge B-39 at Reasi 40 km from Katara. At first they visited to the Bridge B-39 which has tallest pier in the india i.e 90.5m in height; which is greater than Qutub Minar. This bridge itself has a station yard of "Reasi village" on top with 5.5m platform on both side of track. Students got the knowledge about new construction techniques used for pier construction, typical types of foundations and composition girders. The technical knowledge and experience shared by Asst. Executive Mr. Kubal was awesome and value added.

Then they visited tunnel T-5. Here students got the chance to see different ongoing activities of tunnel construction like tunnel supporting system, dewatering under tunnel, tunnel face mapping, shot criting, tunnel lining, grouting etc. This was amazing experience for all students and faculty and best opportunity for all to see ongoing tunnel construction. Knowledge, experience and field problems shared by Dy. CE Mr. P Nalikashan & Asst. Executive Mr. Narendra Murudeshwar was definitely value added and will help lot for students in their career. on 14th 2019 they have started their return Journey.

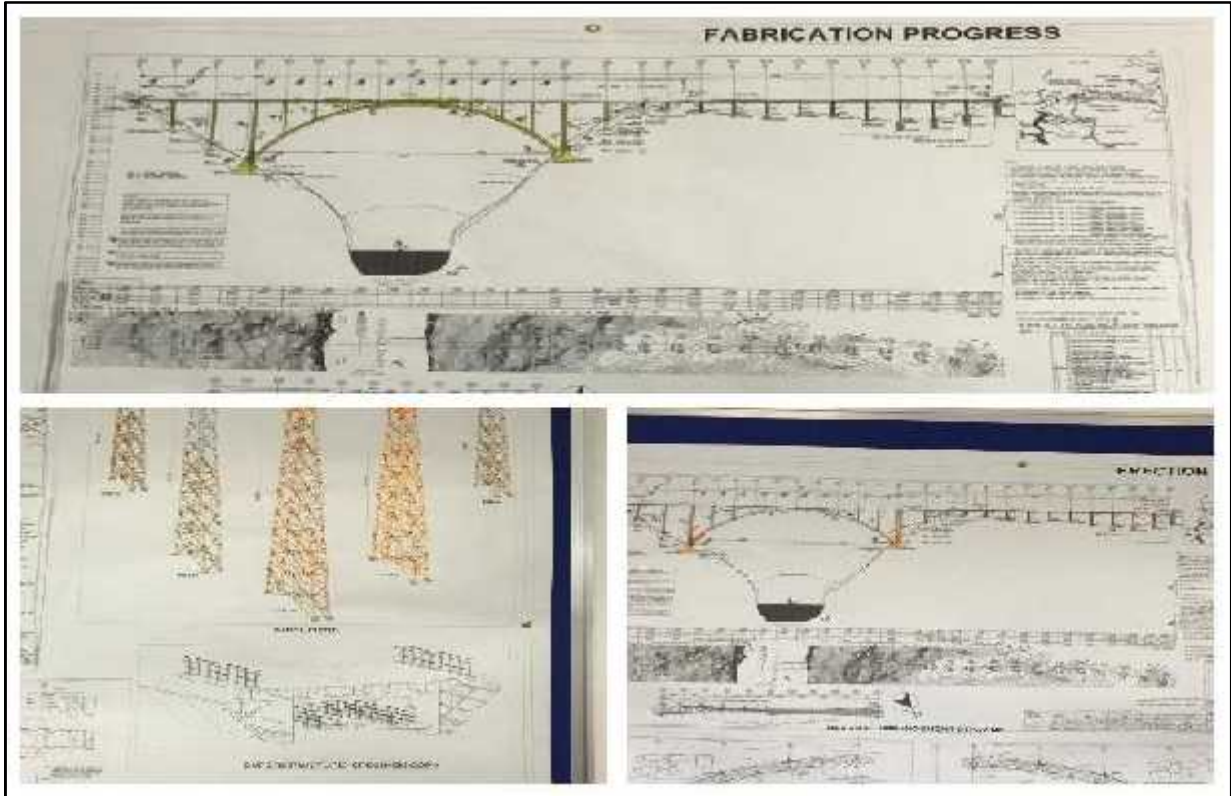
Photo Gallery: Jammu Visit



Chinab River Bridge



Chinab River Bridge construction



Chinab River Bridge fabrication progress



Reasi bridge piers



Tunnel T-5



Tunnel T-5



Students along with technical staff at Tunnel T-5 site

H.O.D
Asst. Prof. Shekhar G.Sawant.