

## **Report on Arcelor Mittal, Kazakhstan Internship Program from 23th May to 19th June, 2016.**

We came as a bunch of 25 strangers and now went as a garden of 25 friends.

Since it was the pre-final year summers, time has arrived to start an awe-inspiring internship at Arcelor Mittal, Temirtau, Kazakhstan. Our mentor Dr. Vikram Sharma along with 25 students took off from IGI Airport, Delhi to experience 28 days of startling journey.

During our voyage we captured the astonishing beauty of Almaty and Asthana and were warmly welcomed by our interpreters. After a long but thrilling journey we reached our hotel in Temirtau, took dinner and a good night sleep. Next day morning, we went to the training centre, where we had our introductory session and were issued our personal protective gears. Then, we had a presentation "Understanding Steel" explaining the bits and bytes of steel production followed by a visit to Karaganda State Industrial University.

Next, we experienced the most awaited plant visit where we encountered the huge piles of iron ore ready to convert into sinter, coal to coke conversion, gigantic blast furnace, sputtering hot and cold rolling machines, and fresh steel ready for shipment. We were flabbergasted by the 24x7 working machines and workers there with only one motto

**"How to make better Steel" .**



In following week all students were allotted their projects and were divided into teams.

We had our theoretical training in morning session and practical training in afternoon session. There were metallurgy lectures in our starting week in which we were acknowledged about different metallurgical process and functioning. It was a new experience for us, after that week we submitted an individual essay according to which we were graded. Next week was way more exciting as we had a visit to sports centre on Saturday and Karaganda city on Sunday, where everyone enjoyed the boating and sensational rides in amusement park.

The following week, we had a guided tour to capital city Astana where everyone was mesmerized by the architecture of city, phenomenal Presidential Office, and were enchanted by the array of aquatic animals on visit to aquarium.

We got an opportunity to visit the Arcelor-Mittal Children and Youth Centre where our little childhood came back. We learnt painting Yurtas, judo, singing and dancing on Russian songs. At the end of the week, our whole group danced and sang in the cultural event organised at the the centre and also we got a chance to capture dance of little children on Kazakh culture and Bollywood.



During the last week of our internship everyone was busy in preparing for presentation and test. After presenting our projects and receiving certificate,s we were invited to training centre to attend the concert of Kazakh culture where we enjoyed the musical drama depicting the marriage in Kazakh culture and their traditional dance. After that, we had dinner with CTO, Arcelor Mittal, Temirtau and other dignitaries where we exchanged gratitude towards each other.



(Arcelor Mittal newspaper covering the event organised at children centre)



On the final day nostalgia rolled its wand on our hearts and we had moist eyes while bidding goodbye to Temirtau. The hotel staff and interpreters, all of them were now friends to us. It was a really difficult farewell. Moments, flashbacks and memories were on a replay mode while we were leaving for Astana Airport. But we had a joy to reach back to our homeland. As said earlier, we went as strangers but came back as one big family!



Submitted by Shriniket Acharya, Y13 CSE