

Introduction

On 21st May 2022, 12 students from chemistry honors department with 2 lecturers went for a trip to OCL INDIA LTD with an aim to visit the chemical section of it. We arrived there around 10:30 am. We planned to visit their labs and also to its cement manufacturing section to learn about the process in details. Following students attended the field work.

- i)Evanjalin Lugun-BS19-002
- ii)Subhadhra Kisan-BS19-002
- iii)Sanjukta sahuo-BS20-26
- iv)Arundhati-BS21-001
- v)Amrita Toppo-BS21-023
- vi)Monalisha Dash-BS21-035
- vii)Payal Dey-BS21-049
- viii)Tusharkanti Mahanandia-BS21-050
- ix)Sunali Mishra-BS21-052
- x)Nikita Bara-BS21-059
- xi) Jharna Chattria-BS21-061
- xii)Michael Toppo-BS21-063

Trip objective

The objectives of the tour were to get to know the company in more details in terms of the cement composition, manufacturing process, raw sample testing etc.

Field Observation

We were guided by an employee of the company Miss. Aparna who first gave us all the visitor's jacket, safety shoes and helmets and then gave us a tour; explained about the machines. We jotted down some notes and interviewed the host about how the cement is made. Then we were taken to a conference hall where the HOD of the refractory and some officers were waiting for us. They greeted us very nicely with a glass of juice to all. There they presented a seminar where they explained every single and small detail about their factory, cement manufacturing process, composition, working of the machines. This session took nearly 1:30 hrs. We also managed to collect as many as good brochures and notes.

Then we went to the lab where they showed us how a raw sample is first tested then it is sent for the processing. Then we saw a section where everything was done by robots and computers and employees were just operating them. Due to the shortage of time and as there were many things to watch and to ask, we tried to get contact numbers to the host to arrange future trip.

We learned various things about the company and we found out that creativity was shown by the employees and the scientists and workers to help in keeping the environment clean is amazing. Their methods of working makes the cement environment friendly and spreads less pollution because there are fully covered pipes and machines from which the dust particles can't escape in the surrounding and recycles the wastes. The most important thing we learned here is that KONARK CEMENT is the GREEN CEMENT; environment friendly. The conduciveness of the environment of the company helped us learn more about the green cement.

Conclusion

Our tour ended nearly 1:00 pm and we had lunch in the guest house of OCL. It can be concluded that the tour was successful and we believed that our objective was achieved. We learned something new and beneficial for us. It was well recommended tour especially for us as a chemistry student.



Rajgangpur, Odisha, India
6H2P+9X3, Rajgangpur, Odisha 770017, India
Lat 22.200611°
Long 84.586779°
21/05/22 12:19 PM

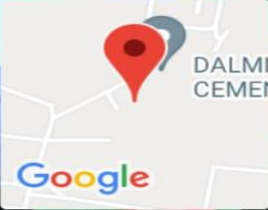


Rajgangpur, Odisha, India
6H2P+9X3, Rajgangpur, Odisha 770017, India
Lat 22.200277°
Long 84.586956°
21/05/22 12:17 PM



राजगांगपुर, ओड़िशा, भारत
6H2P+9X3, राजगांगपुर, ओड़िशा 770017, भारत
Lat 22.200355°
Long 84.586999°
21/05/22 12:13 PM



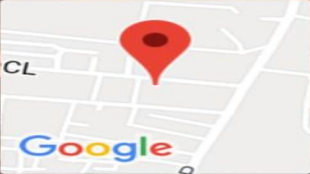


Rajgangpur, Odisha, India
6H2P+9X3, Rajgangpur, Odisha 770017, India
Lat 22.200277°
Long 84.586956°
21/05/22 12:17 PM



Rajgangpur, Odisha, भारत
Rathore colony, 5HWQ+86F, Rajgangpur, Odisha 770017, भारत
Lat 22.195853°
Long 84.587576°
21/05/22 09:47 AM





Rajgangpur, Odisha, भारत
5HWQ+FFR, OCL Colony Rd, Rajgangpur, Odisha 770017,
भारत
Lat 22.196856°
Long 84.588446°
21/05/22 09:47 AM

