
AN INDUSTRIAL VISIT TO THE HALDIA PETROCHEMICALS LTD.



St. Paul's Cathedral Mission College
33/1 Raja Rammohan Roy Sarani, Kolkata - 700 009



DEPARTMENT OF CHEMISTRY

ACADEMIC YEAR : 2022-2023

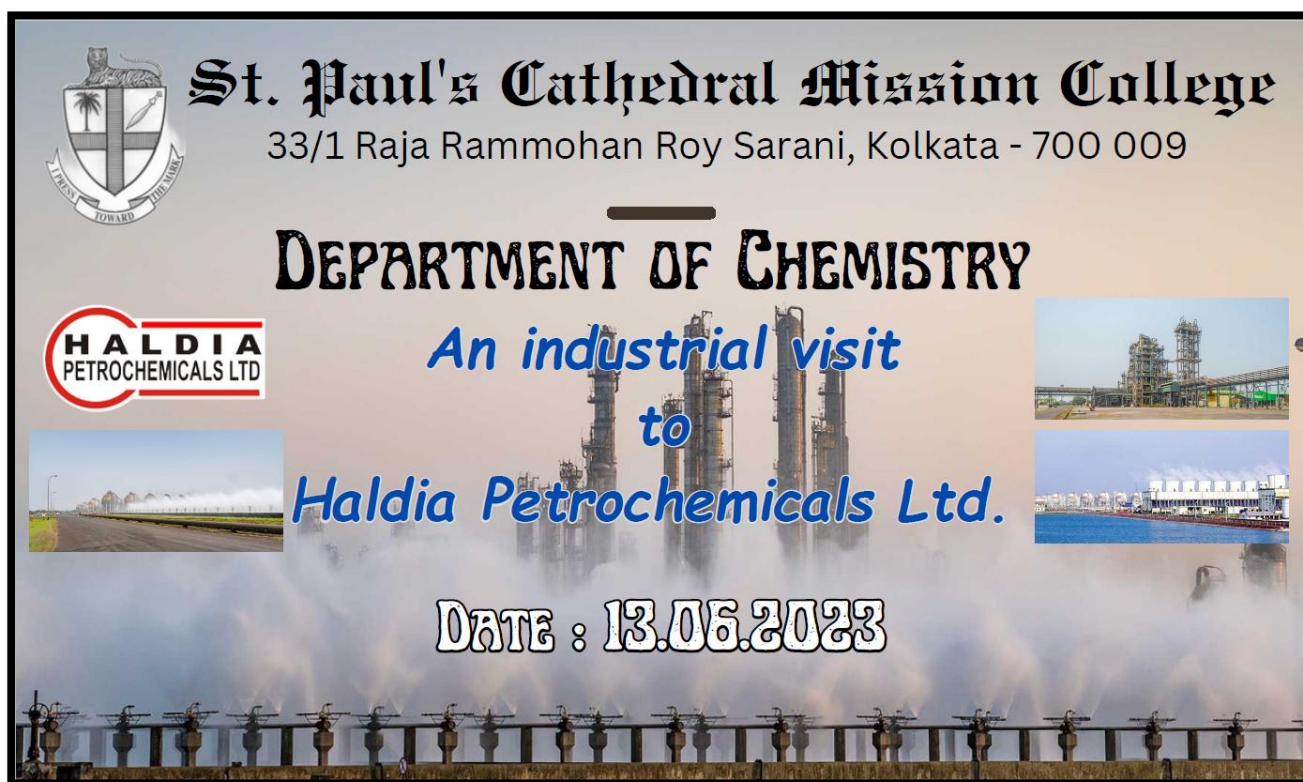
INTRODUCTORY REMARK

Undergraduate Honours course in Chemistry (CBCS format) embodies theoretical principles of Industrial Chemistry in semester-5. However, the learning would remain incomplete unless the students are provided with an opportunity to visit an industry for some experience. Aiming to provide such an exposure to the students, our department organized an industrial visit to Haldia Petrochemicals Limited (HPL) on 13.06.23. They visited the Naphtha Cracking Unit (NCU), Low Density Polyethylene Plant (LDPP), High Density Polyethylene Plant (HDPP), Naphtha storage reservoirs, Ethylene gas storage reservoirs, Flare system and various others. The visit was wonderful and worthwhile for the students. I think that this visit will surely benefit the students to understand the differences between the "Chemistry in the Laboratory" and the "Chemistry in the Industry".

Finally, I cordially wish every success to my students in their future efforts.

Dr. Jaydip Gangopadhyay
HOD of Chemistry
St. Paul's Cathedral Mission College
Kolkata 700 009

THE BANNER



FACULTIES WITH THE BANNER

POLICE PERMISSION FOR THE VISIT FROM AMHERST ST. POLICE STATION



ST. PAUL'S CATHEDRAL MISSION COLLEGE

Estd: 1865

33/1, Raja Rammohan Roy Sarani, Kolkata -700009

Phone: 2350-3682 / 2360-0753

Visit us: <http://www.spcmc.ac.in>

NAAC ACCREDITED

12.06.23

To
The Officer-in-Charge
Amherst Street Police Station
Kolkata 700009

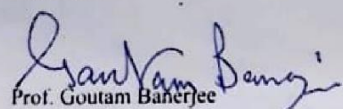
Sub: Intimation regarding the Industrial Visit to Haldia Petrochemicals Limited

Dear Sir/Madam,

This is to inform you that the Department of Chemistry of our college has organised an Industrial Visit to Haldia Petrochemicals Limited on 13.06.2023. According to our schedule, we will start our journey by bus from the college around 6.30 a.m. and expected to return around 5.30 p.m. on the same day. The list of the students and the accompanying teachers, pertinent to this industrial visit is enclosed herewith for your kind notice.

Thanking you.

With regards


Prof. Goutam Banerjee
Vice Principal
St. Paul's Cathedral Mission College
Kolkata 700009

Vice-Principal
St. Paul's Cathedral Mission College
Kolkata - 700 009

Received M. Chatterjee
Cont. not Verified
Date 12.06.23 Time
Amherst St. P.S. Kol-00

LIST OF THE STUDENTS VISITING THE PLANT AND THE CERTIFICATION FROM HALDIA PETROCHEMICALS LTD. HR

	NAME OF THE FACULTY	AADHAAR NO.	CONTACT NO.
1	DR. JAYDIP GANGOPADHYAY	7067 1437 9322	9831047705
2	DR. JISHNUNIL CHAKRABORTY	8188 4033 6028	8902683914
3	RATHIKANTA PRADHAN	6229 6494 9329	9681074474

	NAME OF THE STUDENT	AADHAAR NO.	CONTACT NO.
1	ABHIJIT GHOSH	8180 8612 9548	6290602864
2	ABHILASHA ROY	4947 7883 9645	9547334644
3	ADITI SINGH	8643 0998 5390	7890252778
4	ANGSHU SIHI	2355 5196 5620	9832781949
5	ANIRUDDHA GHOSH	4992 2146 1388	7319536617
6	ARINDAM DEY	6165 4200 8140	9064606421
7			
8	ARISHA SARKAR	3347 1084 0057	9330443893
9	AVIJIT BERA	7588 3292 1120	6297252897
10	AYAN KUMAR MAITY	4522 7816 2895	8207039848
11	BIDISHA SADHUKHAN	8027 5536 9096	8101830740
12	INDRANIL DINDA	7017 3507 2584	8641048332
13	MADHUSHRI MAITI	2504 0026 5970	6295936607
14	MILAN GHOSH	3383 1407 2735	6295655354
15	NIKHIL BERA	2923 0653 1724	9883237463
16	PRASANGO JANA	3800 6080 7368	7318918827
17	PRITAM SARKAR	9874 7929 7918	6294064356
18	PROBIR MALIK	8912 5628 4606	9609569080
19	RITAM DEBNATH	7460 0526 2028	7407947666
20	SANDIP SAMANTA	5491 4237 0342	7407690594
21	SANGITA SINGHA	8655 4754 8250	7430842409
22	SAYAN CHAKRABORTY	8342 4422 3636	8016676035
23	SHINJIN CHATTERJEE	4481 4356 5040	7595998145
24	SHREYA MONDAL	2662 1217 6070	9732612939
25	SIDDHARTHA DHAR	5010 3652 8179	8918799010
26	SIDDHARTHA MAJHI	5543 8643 1721	7908462187
27	SNIGDHA BHATTACHARJEE	7753 4336 8562	6291308581
28	SNIGDHA MUKHERJEE	5909 4997 1748	9903875796
29	SNIGDHA SAHA	6175 0843 2794	8420565604
30	SOUMYADIP PAL	3375 2761 5184	7319375772
31	SOURAV MUKHERJEE	3485 0605 5242	7439106191
32	SUBHRANIL MANNA	5829 5582 5968	7439397490
33	SURAJIT KUMAR GUPTA	5998 9083 9616	8016317730
34	TANBIR ALAM BAKUL	2488 7332 8555	9679293955
35	TIRTHARAJ BHATTACHARJEE	7332 1598 1238	7439830995

This is to certify that the above team have visited HPL site. They had interaction with HPL Team and have conducted with class. Wishing them all the best.

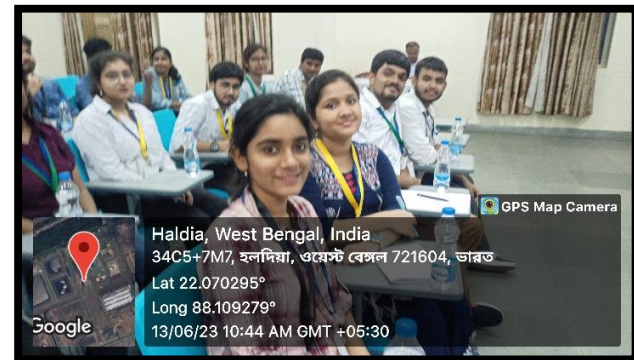
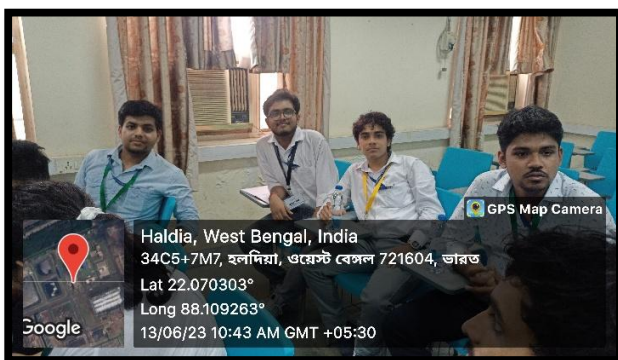
Samiron Sarkar
11/10/2023
Samiron Sarkar
GM-Plant Administration & HR
Haldia Petrochemicals Ltd



SOME GLIMPSES OF THE VISIT

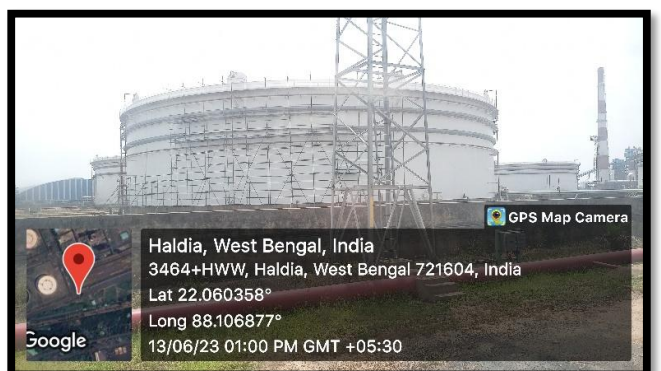
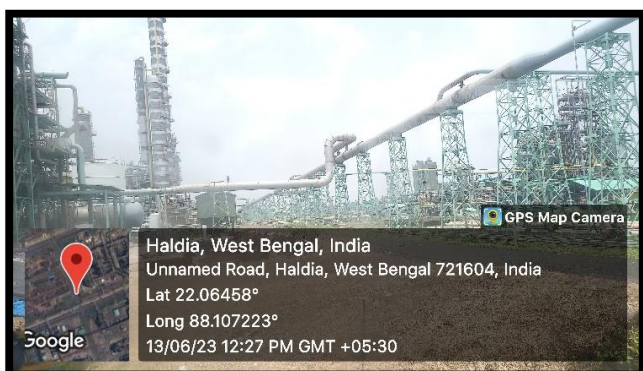
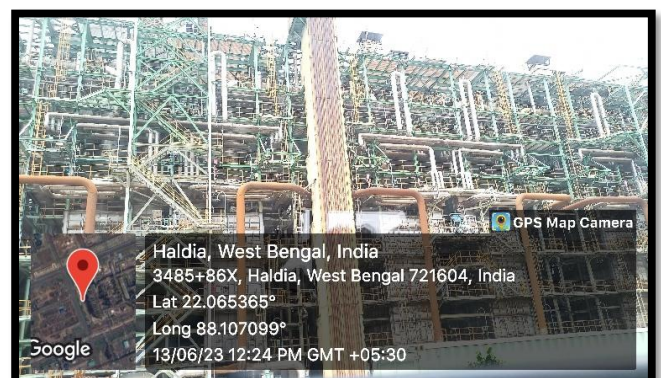
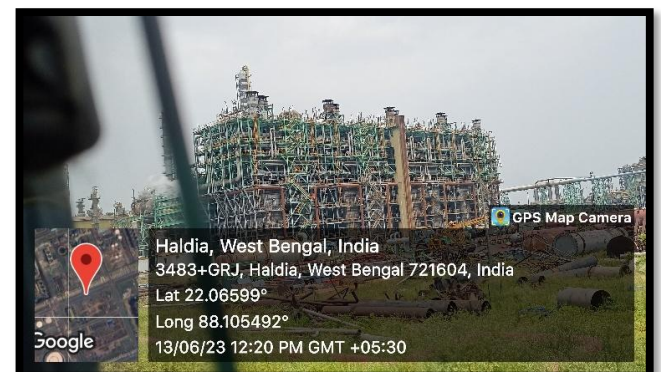
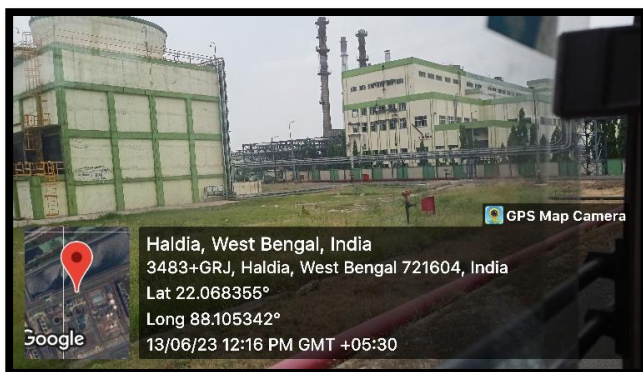
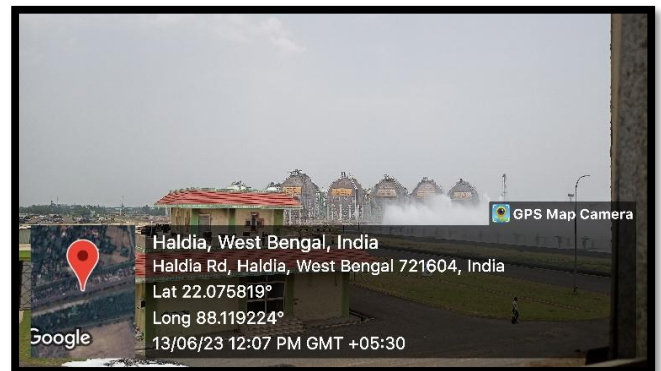
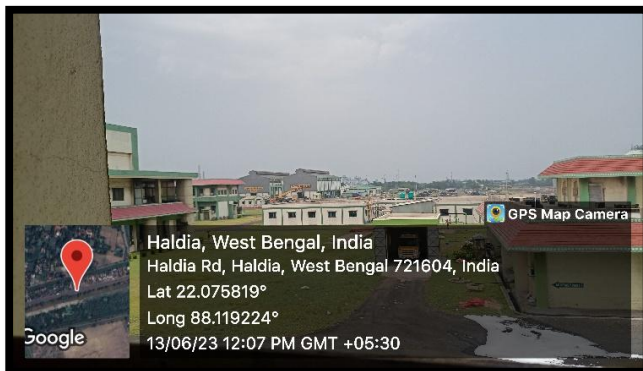


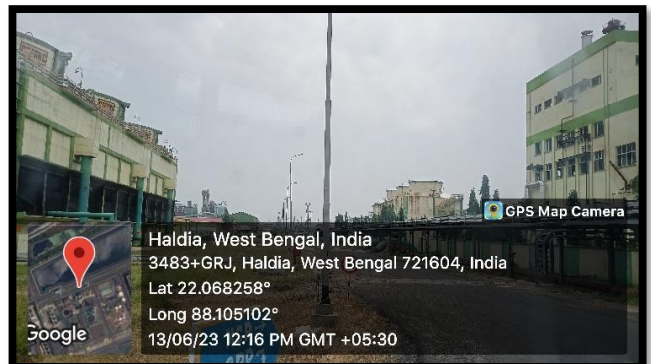
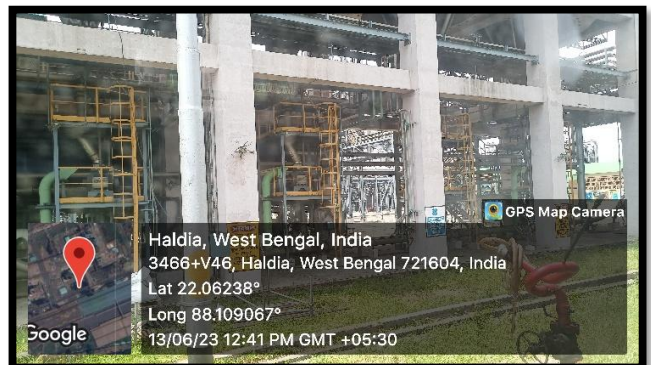
IN FRONT OF THE GATE NO. 1 OF HPL

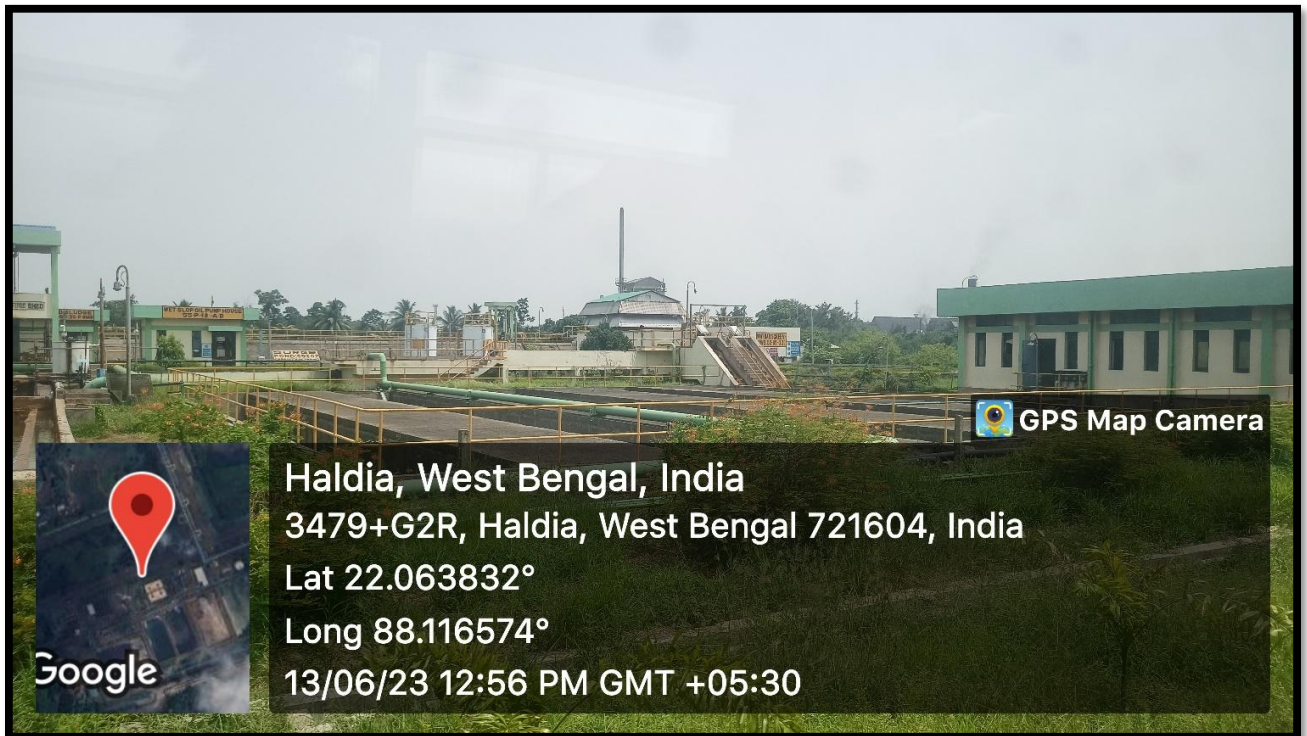


INSIDE THE LECTURE HALL

SOME GLIMPSES OF THE NAPHTHA CRACKER UNIT, HDPE, LLDPE, FLARE, TEAL STORAGE







SOME FEEDBACKS FROM THE STUDENTS

The chemical industrial visit was an informative and engaging experience. The visit provided valuable insights into the world of chemical manufacturing and its various processes.

During the visit, we had the opportunity to observe and learn about different stages of chemical production, such as raw material sourcing, synthesis, purification, and packaging. The industrial facility was well-organized and maintained, ensuring safety measures were in place for visitors.

The tour guides were knowledgeable and enthusiastic, explaining the intricacies of each process and answering our questions. They showcased the state-of-the-art equipment and technologies used in the industry, highlighting the importance of precision and efficiency in chemical manufacturing.

Additionally, the visit shed light on the environmental and safety considerations associated with chemical production. We learned about the industry's efforts to minimize waste generation, optimize energy consumption, and adhere to strict regulatory standards.

Overall, the chemical industrial visit provided a comprehensive understanding of the chemical manufacturing sector. It was an excellent opportunity to witness theory put into practice, enhancing our knowledge and giving us a real-world perspective on the subject.

– Subhranil Manna, Semester: 6

First of all, I am really grateful to our Head of the Department Dr. Jaydip Gangopadhyay for joining me into the industrial visit.

Generally, industrial visits to Haldia Petrochemicals are known to be informative and educational, providing us with insights into the various processes involved in the production of petrochemicals. We also get to see the state-of-the-art facilities and equipment used in the industry.

The process of cooling water by air using Cl_2 gas, Naphtha Cracking unit, procedure of LLDPE, HDPE, PP is just awesome and the technology is so high that was charming me. The ware house, technology of balancing of pH of water was so beautiful.

The teacher as well as the guide beautifully taught us the overall procedure and technology. He was so energetic that we were all energized at that moment of teaching.

Overall, industrial visit to Haldia Petrochemicals can be a valuable learning experience for students and professionals interested in the petrochemical industry.

– Ayan Kumar Maity, Semester: 6

It is my maiden experience to visit an industry. This is the perfect example for us of implementation of bookish knowledge and how the industry differs from a research lab. I am so much fascinated by the warm welcome by the HPL officials. The seminar session was good. The main plant visit session is really really enthralling. Our plant-visit guide from NCU, was an amazing guy who gave the actual taste of an industry and taught the concept very well. A heartiest thank you to our HOD and teachers to arrange such a visit very smoothly with proper travel plan. The HPL authority is very friendly and they organized the visit very well with proper travel bus, tasty lunch, tiffin. This type of visit is very much needed for our future prospect. It gave us the opportunity to take a view how industry works and its culture. It linked up our bookish knowledge with the industry culture and this bridge definitely helps us to motivate ourselves.

–Indranil Dinda, Semester: 6

Today's visit to Haldia Petrochemicals was excellent and highly motivating in terms of gathering knowledge on how theoretical and laboratory practicals find a wide application in the industry with little changes in the basics. The trip was really nice, and the sprawling travel round the campus and the individual campus was so good.

–Tirtharaj Bhattacharjee, Semester: 4

I, Snigdha Mukherjee, a student of Chemistry Honours, B.Sc., Sem-4 Of St. Paul's Cathedral Mission College, would like to express my gratitude to the entire team of Haldia Petrochemicals Limited for gifting us such a wonderful experience with them. It was my maiden experience in any industry. Haldia Petrochemicals has given us this opportunity. We are extremely pleased with their hospitality also. We experienced the utilization of the theory part that we read in our books. Overall it was a nice experience.

–Snigdha Mukherjee, Semester: 4

First, I would like to thank our Chemistry Department for arranging this educational programme. This tour was filled with knowledge and lots of exciting and amazing experiences we have ever foreseen. Getting to know the contrast between what we study and the actual industrial technologies was something really extraordinary. Overall the trip was benevolent and amazing.

–Arisha Sarkar, Semester: 4

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–Abhilasha Roy, Semester: 4

I am writing this to express my gratitude for the opportunity to visit Haldia Petrochemicals Ltd. The visit was an incredible experience that has enriched my knowledge and understanding of the petrochemical industry.

I would like to thank you for organizing this visit and providing us with such an insightful tour. The visit has given me a better understanding of the practical applications of what we have learned in class.

Once again, thank you for this great experience. I look forward to more such opportunities in the future.

–Abhijit Ghosh, Semester: 2