

Report
On
Industrial Visit to Gayatri Sugars Limited, Adloor Unit, on 16th-March-2022



Department of Chemical Engineering,
RGUKT,
Basar

Industrial Visit to Gayatri Sugars Limited, Adloor Unit on 16th-March-2022

As the industrial visit is one of the most tactical methods of teaching, the department chemical engineering organized one day industrial visit for the B.Tech (III-II) students of RGUKT, Basar on 16th- March-2022 to Gayatri Sugars Limited, Adloor Unit.

It is a sugar factory situated in Adloor Yellareddy Village, Sadasivanagar Mandal, Nizamabad District, Telangana, which is about 82km distance from RGUKT, Basar.

The main objective of the visit was to provide an exposure to students about practical working environment.

Gayatri Sugars Limited was started in the year 1997 with a capacity of 2500 TCD (Tonnes of Cane Crushed Per Day).



The major products of the company are sugar, co-generation of green power, Rectified Spirit and Extra Neutral Alcohol.



- The sugar plants of Gayatri Sugars Limited are equipped with state-of-the-art technology and equipment to produce two different grades of high quality commercial sugar graded according to their color and grain size from sugar cane by using various unit operations like, crushing, grinding, evaporation and crystallization etc which are well explained by the supporting staff of the plant.
- Gayatri Sugar moved on to the co-generation of power by tapping power from Bagasse- an important byproduct of the sugar industry. The idea behind the best from waste will leads to encourage the students to think beyond the border.



Overall the visit provided an opportunity to learn practically through interaction, working methods and employment practices which are required for young graduates.



Fig: Roll crushers to extract Juice from sugar cane

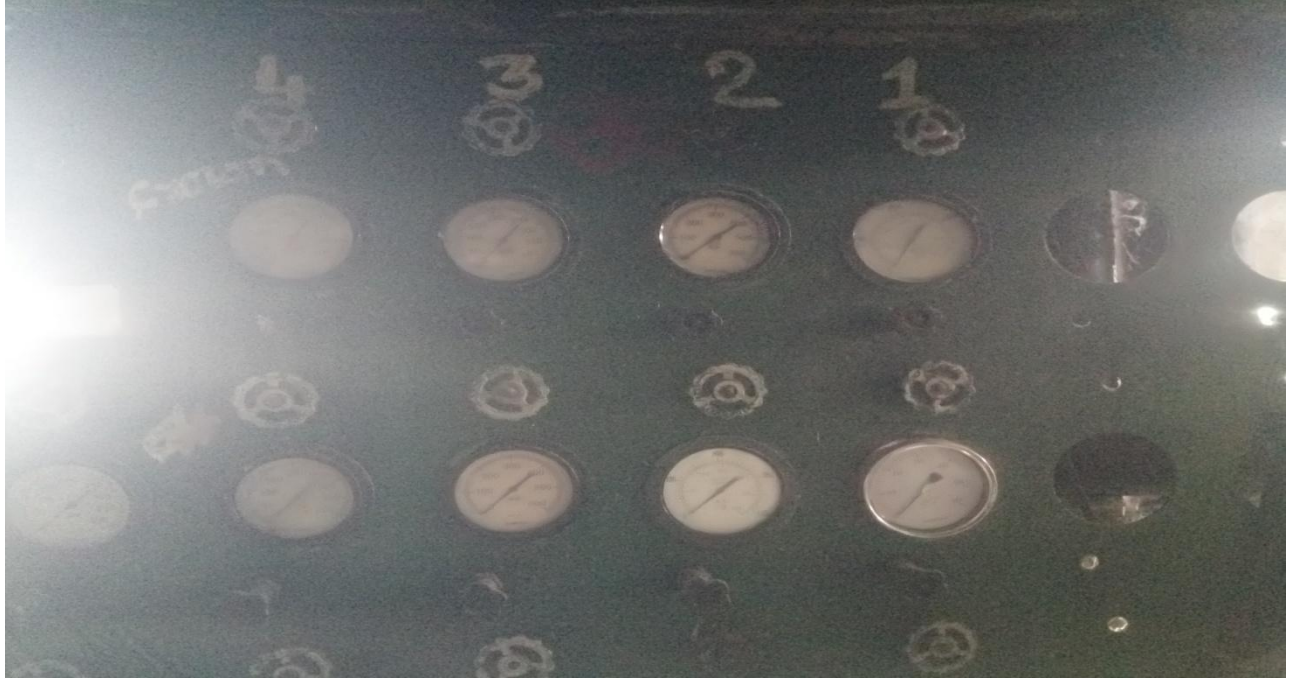


Fig: Crystallizer unit Control panel



Fig: Crystallizer unit



Fig: Conveying system to transport material from storage unit to Furnace section











Student registration list

S.No	ID	Name	Year	Branch
1	B171020	Namala Soumya	E3_Sem2	Chemical Engineering
2	B171028	Manju Choudary	E3_Sem2	Chemical Engineering
3	B171085	Nallagoni Vinusha	E3_Sem2	Chemical Engineering
4	B171032	Gundeti Charita	E3_Sem2	Chemical Engineering
5	B171156	Kasarla Shiva Sai Charan	E3_Sem2	Chemical Engineering
6	B171158	Yembari Janabai	E3_Sem2	Chemical Engineering
7	B171189	Myakapothula Saikumar	E3_Sem2	Chemical Engineering
8	B171225	Kothapelly Latha Sri	E3_Sem2	Chemical Engineering
9	B171229	Kunta Goutham Reddy	E3_Sem2	Chemical Engineering
10	B171233	Radharapu Aravind	E3_Sem2	Chemical Engineering
11	B171270	Sangem Akhila	E3_Sem2	Chemical Engineering
12	B171301	Ashala Tejaswini	E3_Sem2	Chemical Engineering
13	B171319	Kichugari Manikanta	E3_Sem2	Chemical Engineering
14	B171321	Sanika Venkata Gayatri	E3_Sem2	Chemical Engineering
15	B171340	Kota Sai Prasanna	E3_Sem2	Chemical Engineering
16	B171346	Mugala Sai Srija	E3_Sem2	Chemical Engineering
17	B171376	Nuka Sai Chandana	E3_Sem2	Chemical Engineering
18	B171394	Sangineni Ravi Teja	E3_Sem2	Chemical Engineering
19	B171397	Manchiryala Anusha	E3_Sem2	Chemical Engineering
20	B171444	Ravanaveni Anusha	E3_Sem2	Chemical Engineering
21	B171485	Budhoju Raju	E3_Sem2	Chemical Engineering
22	B171510	Naredla Naveen	E3_Sem2	Chemical Engineering
23	B171552	Surineeda Amulya	E3_Sem2	Chemical Engineering
24	B171595	Kokkula Roshan	E3_Sem2	Chemical Engineering
25	B171607	Burri Nithisha	E3_Sem2	Chemical Engineering
26	B171609	Muthe Madhukar	E3_Sem2	Chemical Engineering
27	B171634	Kummari Sowjanya	E3_Sem2	Chemical Engineering
28	B171637	Katla Ajay	E3_Sem2	Chemical Engineering
29	B171654	Pyrapu Sagar	E3_Sem2	Chemical Engineering
30	B171683	Vanga Ruchitha	E3_Sem2	Chemical Engineering
31	B171707	Kayitha Yadagiri	E3_Sem2	Chemical Engineering
32	B171721	Guntha Sangeetha	E3_Sem2	Chemical Engineering
33	B171723	Bejjala Akhil	E3_Sem2	Chemical Engineering
34	B171726	Yedelli Krishna Mohan	E3_Sem2	Chemical Engineering
35	B171732	Paka Srikanth Yadav	E3_Sem2	Chemical Engineering
36	B171761	Shaik Saziya	E3_Sem2	Chemical Engineering
37	B171783	Mekamalla Mamatha	E3_Sem2	Chemical Engineering
38	B171802	Yerrolla Parameshwari	E3_Sem2	Chemical Engineering
39	B171940	MORA SRIKANTH	E3_Sem2	Chemical Engineering
40	B172066	Bandreddy Nikitha Naidu	E3_Sem2	Chemical Engineering
41	B172179	BASANI GURU CHARAN	E3_Sem2	Chemical Engineering
42	B172190	Adepu Ramya	E3_Sem2	Chemical Engineering
43	B172198	VALLALA VINITH KUMAR	E3_Sem2	Chemical Engineering
44	B172199	Kashaveni Shruthi	E3_Sem2	Chemical Engineering
45	B172207	Earla Swetha	E3_Sem2	Chemical Engineering
46	B172213	SHAIK SAMEER ALI	E3_Sem2	Chemical Engineering
47	B172233	Dhanavath Vasanth Rao	E3_Sem2	Chemical Engineering
48	B172251	SAMBARAJU MAHESHWARI	E3_Sem2	Chemical Engineering
49	B172289	Bandi Pallavi	E3_Sem2	Chemical Engineering
50	B172318	Dasari Sai Kumar	E3_Sem2	Chemical Engineering
51	B161682	T Sahithi	E4_Sem2	Chemical Engineering
