

A BRIEF REPORT ON FIELD VISIT TO KCP SUGARS,
VUYYURU
&
GB DISTILLERIES, GODAVARRU.

The Department of Chemistry organised a Field visit to KCP Sugars, Vuyyuru and GB Distilleries, Godavarru, Krishna District on 31.01.2019 for the final year students of Chemistry accompanied by the faculty.

Objective: To understand the process of manufacture of Sugar from sugarcane juice and then the distillation of the by-product obtained in the process to get ethanol.

32 students from MPC, BZC, MBC along with the faculty Sri. K. Srinivas, Dr. V. Neeraja, Sri. K. V. S. Prasad, Dr. G. Nagarjuna, Dr. V. Phani Kumar, Sri. G. V. Swaroop Singh, Sri. Ch. Siva Prasad visited the industries.





A plant staff explained the process of manufacture step by step to the students and staff and also allowed the students to taste sugar in various stages of manufacture.


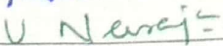



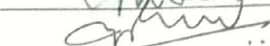

Later we visited the GB Distilleries, a sister distillation unit where the molasses was distilled to get ethanol. The entire process was carried in a sterilised atmosphere where the students and faculty were allowed to visit only after wearing a sterilised apron/gown along with head gear.



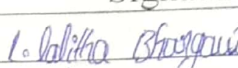
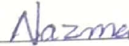

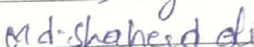
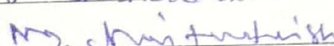
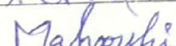
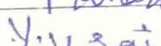
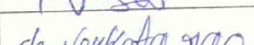
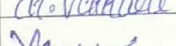

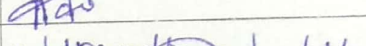
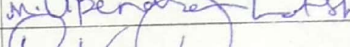
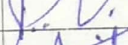
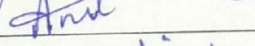
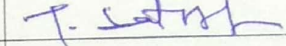
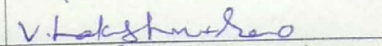
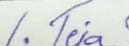
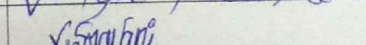
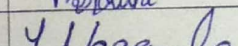
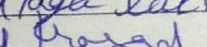
The students enjoyed learning the concepts of extraction of sugarcane juice by fermentation, crystallisation of sugar, refining of sugar in 5 stages, distillation and fractional distillation of molasses (remaining mother liquor after crystallisation of sugar) to finally obtain ethanol.

We thanked the authorities of both the industries for according permission to visit and for providing lunch to the participants.

Signatures of the Faculty attended

S.No	Name (Sarvasri)	Signature
1.	K.Srinivas	
2	Dr. V. Neeraja	
3	K. V. S. Prasad	
4	Dr. G. Nagarjuna	
5	Dr. V. Phani Kumar	
6	G. V. Swaroop Singh	
7	Ch. Siva Prasad	

Signatures of the Students attended

S.No	Name	Class	Signature
1.	L. Lalitha Bhargavi	MBC	
2.	Abdul Nazma	MBC	
3.	Ch. Bhargavi	MBC	
4.	Md. Shaheed Ali	MBC	
5.	M. Chaitanya Harish	MBC	
6.	K.S. Maharshi	MBC	
7.	Y.V. Sai	MPC	
8.	Ch. Venkata Rao	MPC	
9.	G. Datta Veera Hanuman	MPC	
10.	K. Adi Babu	MPC	
11.	M. Upendra Lakshmi	MPC	
12.	P.V. Durga Rao	MPC	
13.	S. Anil	MPC	
14.	T. Satish	MPC	
15.	V. Lakshman Rao	MPC	
16.	V. Teja Ravi Kiran	MPC	
17.	V. Sravani	MPC	
18.	Y. Naga Lakshmi	MPC	
19.	Y. Prasad	MPC	
20.	K.V. Sainadh	MPC	

21.	M.Durga Prasad	MPC	Durga Prasad M
22.	Ch.Madhu Babu	MPC	Ch. Madhu Babu
23.	K.Sailaja	BZC	Sailaja
24.	K.Veneela	BZC	K. Veneela
25.	A.Prashanth	BZC	A. Prashanth
26.	R.Durga Rajeswari	BZC	R. Durga Rajeswari
27.	S.Deepu Vishweshwar	BZC	S. Deepu
28.	TYSS Bujji	BZC	TYSS Bujji
29.	A.Priyanka	BZC	A. Priyanka
30.	A.Saleem	BZC	A. Saleem
31.	S.Rajarajeswari	BZC	S. Rajarajeswari
32.	G.Hemalatha	BZC	G. Hemalatha