

M.A.L.D GOVT.DEGREE COLLEGE GADWAL
 JOGULAMBA GADWAL DIST.TS
 AFFILIATED TO PALAMURU UNIVERSITY

TOUR/FIELD TRIP REPORT

1.Name of the Department :

CHEMISTRY

2.Details of the tour:

a) Date:

17.02.2020

b) Class - Year:

I/II/III

c) Group: B.SC

B.ZC / MPC

d) place of visit:

Sree Rayalaseema Alkali & Allied Factory

TGR SRAAC Limited is the flagship Company of the TGR group. It is the leading producer of chlor Alkali products and also manufactures castor derivatives and fatty acids. It is an ISO-9001, ISO-14001 certified Company. It talks for the company's obsession with quality, Environment and occupational health.

3. Name of the lecturer :

1	Hari Babu, -Asst. professor of Chemistry
2	K. Bhaskar, Lecturer in chemistry
3	J. Venkatesham, Lecturer in Chemistry

4. No of students visited :

BOYS	GIRLS	TOTAL
20	26	46

5. Description of the tour :

1. Permission letter enclosed :

Yes/No

yes

2. Report enclosed :

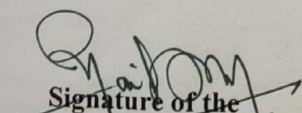
Yes/No

yes

3. Feed back of the students :

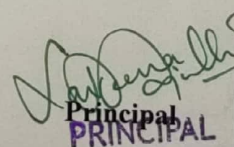
Yes/No

yes



Signature of the
 Incharge of the Tour/Field trip
 Department of Chemistry

M.A.L.D. Govt. Arts & Science College
 GADWAL-509 125, M. Nagar Dist



Principal
 M.A.L.D. Govt. Arts & Science College
 GADWAL - 509 125

**M.A.L.D. GOVT. ARTS & SCIENCE COLLEGE, GADWAL,
JOGULAMBA GADWAL DISTRICT.**

Date: 15.02.2020

From,
Incharge
Dept.Of Chemistry, Microbiology
MALD GDC Gadwal
Jogulamba Gadwal Dist

To,
The Principal,
MALD Govt Degree College
Gadwal,
Jogulamba Gadwal Dist

Sir,

Sub:- Request to permission for 01 day Industrial Tour – Reg.

& & &

As mentioned in the above subject cited, an application received from the students to go to industrial tour to Rayalaseema Alkali & Alkaloid Factory on 17.02.2020. In this regard and requesting that kindly accept their application and give permission 01 day Industrial Tour to make proper arrangements details of the site, list of the students & Faculty Members are enclosed.

Forwarded to you to make necessary arrangements.

Number of students -50
Faculty Members – 05

Thanking you sir,

[Handwritten signature]
PRINCIPAL
M.A.L.D. Govt. Arts & Science College
GADWAL - 509 125

[Handwritten signature]
Yours faithfully
[Handwritten signature]
HOD of Chemistry
MALD GDC
Department of Chemistry
M.A.L.D. Govt. Arts & Science College
GADWAL-509 125, M. Nagar Dist

M.A.L.D GOVT DEGREE COLLEGE , GADWAL

JOGULAMBA GADWAL DIST

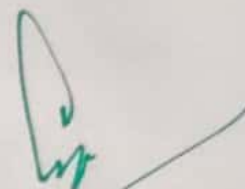
Industrial TOUR, STUDENTS LIST

S.NO	Name of the student	Group&Year	Hall Ticket No
1	Sandya	B.Sc Btbc III Year	17033024572008
2	Nandini	B.Sc Btbc III Year	17033024457003
3	Thayeshwari	B.Sc Btbc III Year	17033024457009
4	Jagadeshwari	B.Sc Btbc III Year	17033024457002
5	Tharun	B.Sc Mzc III Year	17033024457031
6	Meenakshi	B.Sc Mzc III Year	17033024457015
7	Laxmi Parwathi	B.Sc Mzc III Year	17033024457002
8	Susmitha	B.Sc Mzc III Year	17033024457013
9	Vichitra	B.Sc Mzc III Year	17033024457019
10	Anjitha	B.Sc Bzc III Year	17033024445501
11	Thirumalesh	B.Sc Mzc III Year	17033024457016
12	Ravi	B.Sc Mzc III Year	17033024457021
13	Ragavendra	B.Sc Mzc III Year	17033024457022
14	Aparna	B.Sc Mzc III Year	17033024457025
15	Ramarao	B.Sc Mzc III Year	17033024457027
16	Naveen	B.Sc Btbc III Year	17033024572005
17	Reshma	B.Sc BZc II Year	18033024445035
18	Shakira Begum	B.Sc BZc II Year	18033024445038
19	Kanees Fathima Begum	B.Sc BZc II Year	18033024445027
20	Samreen	B.Sc BZc II Year	18033024445037
21	S.K Sania	B.Sc BZc II Year	18033024445039
22	B.Lalitha	B.Sc Btbc II Year	18033024572002
23	N.Jeevitha	B.Sc BZc II Year	18033024445030
24	T.Bhargavi	B.Sc BZc II Year	18033024445043
25	A.Shireesha	B.Sc BZc II Year	18033024445002
26	Madhavi	B.Sc Btzc II Year	18033024489003
27	Neethu	B.Sc MPC II Year	18033024441013
28	M.Navya	B.SC Mzc II Yaer	18033024457009
29	Lavanya	B.Sc Btbc II Year	18033024572004
30	K.Nijananda	B.SC Mzc II Yaer	18033024457006
31	U.Jayaprakash	B.Sc Mbc II Year	18033024458002
32	G.Ramanjaneyulu	B.SC Mzc II Yaer	18033024457003
33	Raviteja.K	B.SC MbcII Yaer	18033024458003
34	Priyanka	B.Sc BZc II Year	18033024445012
35	Swetha	B.Sc BZc II Year	18033024445019
36	Sandya	B.Sc BZc II Year	18033024445020
37	Ifthekar	B.Sc BZc II Year	18033024445124
38	Musthafa	B.Sc BZc II Year	18033024445123
39	Bhasker	B.Sc BZc II Year	18033024445127
40	Sravani	B.Sc Mzc I Year	19033024457012
41	Fathima	B.Sc Mzc I Year	190330244457015
42	Nagalaxmi	B.Sc Mzc I Year	19033024457016
43	Akhila	B.Sc Mzc I Year	19033024457015
44	Kavya	B.Sc Bzc II Year	18033024445521
45	Varalaxmi	B.Sc Bzc II Year	18033024445523
46	Mahesh	B.Sc MPC III Year	17033024441125

Faculty Members		
1	HariBabu	Asst.prof of chemistry
2	Bhasker	lecturer in Chemistry
3	J.Venkatesham	lecturer in Chemistry
4	Vonoda	lecturer in Chemistry
5	Kaneez Fathima	Lecturer in Microbiology

Faizy
HOD of Chemistry
M.A.L.D. Govt. Arts & Science College
GADWAL

Department of Chemistry
M.A.L.D. Govt. Arts & Science College
GADWAL-509 125, M. Nagar Dist



PRINCIPAL
M.A.L.D. Govt. Arts & Science College
GADWAL - 509 125

DEPT. OF CHEMISTRY



M.A.L.D. GOVT. COLLEGE, GADWAL

DEPARTMENT OF CHEMISTRY



M.A.L.D. GOVT. DEGREE COLLEGE, GADWAL

Department of Chemistry
M.A.L.D. Govt. Arts & Science College
GADWAL-509 125, M. Nagar Dist

PRINCIPAL
M.A.L.D. Govt. Arts & Science College
GADWAL - 509 125



Dep. of CHEMISTRY
M.A.L.D. G.D.C. Gadwal



Dept. of CHEMISTRY

M.A.L.D. G.D.C. Gadwal

Department of Chemistry
M.A.L.D. Govt. Arts & Science College
GADWAL-509 125, M. Nagar Dist

PRINCIPAL
M.A.L.D. Govt. Arts & Science College
GADWAL - 509 125

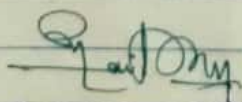
A Brief Report on Industrial Tour

Objective of the Event: - 5th semester Students of (B.Sc. Physical Science & Lifesciences) Department of Chemistry of M.A.L.D. Govt. Degree College, Gadwal visited "Rayalaseema Alkali & Allied" -factory on 17-02-2020. These visit falls under major activity head of "technical/Research Skill" with sub activity of head Industrial/Exhibition visit with Report. The visit was organised for oneday on 17-02-2020. Total 50 Students took benefit of this industrial visit. These students were accompanied by following faculty members.

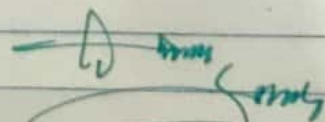
- 1) Hanisaba (Asst. professor of Chemistry)
- 2) K. Bhaskar (Lecturer in Chemistry)
- 3) J. Venkatesham (Lecturer in Chemistry)
- 4) K. Vinoda (Lecturer in Chemistry)

Details of the Factory/Event

TGV SRAAC Limited (formerly Sree Rayalaseema Alkalies and Allied Chemicals Ltd), is the flagship company of the TGV Group it is the leading producer of chlor-alkali products and also manufactures castor derivatives and fatty acids. Beside operating a commercial power project of 28MW. It is an ISO-9001, ISO-14001 approved/certified company. It talks for the company's obsession with Quality, Environment and occupational health. The International does quality of the company's produce and the intricate marketing network spans all continents have found for it an assured place in the export markets ever since its inception.



Department of Chemistry
M.A.L.D. Govt. Arts & Science College
GADWAL-509 125, M. Nagar Dist



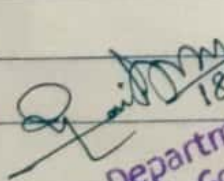
PRINCIPAL
M.A.L.D. Govt. Arts & Science College
GADWAL - 509 125

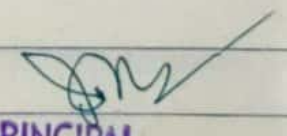
Observations By Students:

- 1) First we observed NaOH , KOH and HCl big storage tanks at the rightside of the plant
- 2) The inside we observed small storage and is covered for insulation and supported with bracket support.
- 3) Observed globe valves, ball valves, gate valves etc. Understood that when a valve handle is perpendicular it's closed.
- 4) Steam leakage observed in the plant and is a loss for the company.
- 5) plate and frame filter observed. The wet cake fed to the filter and liquid sent to the effluent treatment.
- 6) Effluent collection tank observed. In that tank water is coming from one pipe and effluent is coming from another pipe.
- 7) Bagging area observed where H-Acid and K-Acid stored.
- 8) Big filter has observed. It is use to Remove particulate materials in the gas. very fine black particles observed.
- 9) Equipment parts of Equipment which are intended to installed (Agitator shaft, propeller blades, Heat exchanger) observed.
- 10) NH_3 use as a medium to make cool water to the plant
- 11) In case of any emergency they have safety masks and safety clothes.

Factors need to be improved

- 1) Safety measures should be improved
- 2) Actions needed to be taken to prevent leakage of utility


18/02/2020
Department of Chemistry
M.A.L.D. Govt. Arts & Science College
GADWAL-509 125, M. Nagar Dist


PRINCIPAL
M.A.L.D. Govt. Arts & Science College
GADWAL-509 125