

**GOVERNMENT DEGREE COLLEGE  
AVANIGADDA-521121**

Academic year 2022 -23

field visit to

**COASTAL POLYMERS, CHALLAPALLI**



**Department Of Chemistry  
Class: III B.Sc (M.P.C) & II B.Voc: Aquaculture**

From  
Department of Chemistry  
GDC,Avanigadda.

Avanigadda,  
Dt:- 30-11-2022.

To  
The Principal  
GDC,Avanigadda.

Sub:- Permission to go to Field Trip

This is to bring to your kind notice that "The Coastal Polymers", Challapalli, Krishna Dt. has permitted our students to visit their industry on 30<sup>th</sup> November 2022. In this connection, I request you to kindly permit the faculty of Department of Chemistry and the following students to leave the campus @1.00pm to go to Challapalli to visit the industry.

Thanking you madam.

1/C K.V. Sankar  
30/11/22

Your's faithfully  
*Sojatha.*  
LECTURER IN CHARGE  
Department Of Chemistry  
Govt. Degree College, AVANIGADDA

## Notice

*This is to inform all the 3<sup>rd</sup> BSc MPC and aquaculture students department of chemistry arrange a guest lecture on 23<sup>rd</sup> November 2021, on the topic "Hazardous chemicals in fish farming" lecture will be delivered by Drv.Raghava Rao professor inZoology, Nagpur university, Nagpur. Therefore it will be mandatory for all 3<sup>rd</sup> BScMpc and aquaculture students to attend the lecture.*

*Place :Avanigadda*

*Date:20.11.2021*



**PRINCIPAL  
GOVT. DEGREE COLLEGE,  
AVANIGADDA, Krishna Dist.**

GSTIN : 37AJTPK9952D1ZL

Ph : 08671 - 22272 (O)  
Cell : 94906 07772

# COASTAL POLYMERS

Pro : K. Vijaya Lakshmi

Nagayalanka Road, CHALLAPALLI - 521 126. Krishna Dist. A.P.,

[info@coastalfeeds.com](mailto:info@coastalfeeds.com)

Ref.....

Date 28.11.2022.

To.

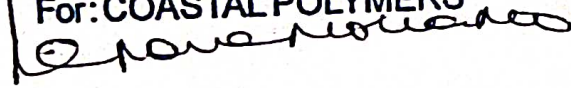
The Principal

GDC Avanigadda

Greetings from Coastal Polymers Challapalli

Accepting your request and we are permitting you visit our firm on 30.11.2022 at your available time.

With regards

For: COASTAL POLYMERS  


Authorized Signature Proprietor

Visited



**GOVERNMENT DEGREE COLLEGE, AVANIGADDA**  
**Dept. of Chemistry**  
**Detailed report on field visit**  
**Coastal polymers, Challapalli**

Eventhough studying concept theoretically gives knowledge a practical experience definitely gives an integrated knowledge related to the concept providing practical experience for all concepts may not be possible in the laboratory. Field trip is the best mean for providing practical knowledge.



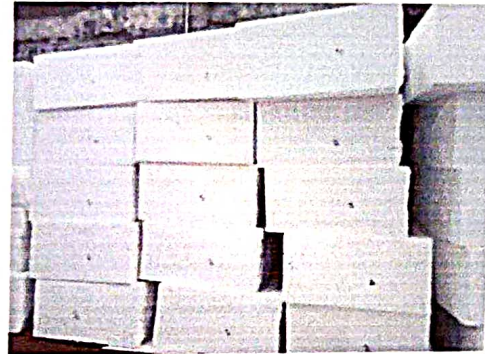
Hence the Dept. of Chemistry has arranged a field trip to Costal polymers to providing real time experience of working steam boilers & other machines working in the preparation of thermocol boxes and sheets. Polymerization is the phenomenon in which monomer polymerase to give polymer. This type of practicalis not possible in the laboratory that is why we arranged field trip to the students to visit the polymer industry. In coastal polymer industry they are mainly manufacturing thermocol boxes.



Monomer styrene polymerase to polystyrene unit.

### Step 1

The monomer styrene was polymerases to give polystyrene. The balls are of different sizes are 110,160 and 230.These balls are drying in the Nets for one hour. Then these are sending in to the second unit.



Different sizes of Boxes

### Step 2

In second unit these balls are made into sheets then are pressed in the machine in which they are come in theform of boxes. These boxes are 3 types.

- ❖ 5 liters
- ❖ 125 liters
- ❖ 130 liters.

For hour 48 boxes are manufactured in this unit.

In this manufacturing process key point is the working of central boiling unit at a temperature of 100<sup>oc</sup> degree centigrade which is works with wood this unit is completely working with water steam and air. It isalso visited by our students.



Pressing unit



Central boiling unit



Sheet unit

Special unit is the recycling unit for waste sheets. The main theme of this unit workingsteam boilers and other machinery used in the preparation of thermocol sheets. Sri. M Raman supervisor of the unit was received gently and accompanied us throughout the visit he showed and explained very patiently. Our students interacted with the labor and shared their problems encountered in the work area. They understood the health issues of labor..Students has got a complete knowledge about the working of all units and how they prepare thermocol boxes and sheets. This visit is very useful to the students to enhance their practical knowledge.



Govt Degree College, Avanigadda.

Field Trip to Coastal Polymers, Challapalli;

Dept: Chemistry  
Date: 30.11.2022.

Attendance Sheet

S.NO	H.NO	Name of the Student	Signature of the Student
1.	2129125722012	E. Venkateswarulu	E. Venkateswarulu
2.	2129125722013	G. Koteswara Rao	<del>G. Koteswara Rao</del>
3.	2129125722015	K. Prabhu Kumar	K. Prabhu Kumar
4.	2129125722008	Ch. Bharu Prakash	Ch. Bharu Prakash
5.	2129125722006	B. Nageswari	Bhukya Nageswari
6.	2129125722003	B. Ramya Sri	B. Ramya Sri
7.	2129125722005	B. Manthriya Naik	B. Manthriya Naik

III Bsc [MPC & MPCs]

8.	2029125052017	N. Guru Prasad.	N. Guru Prasad
9.	2029125052005	Aharasree. Mandali	Aharasree Mandali
10.	2029125050026	P. Susmitha	P. Susmitha
11.	2029125050009	D. Hepsiba	D. Hepsiba
12.	2029125050015	K. Priyanka	K. Priyanka
13.	2029125050042	V. Naga Veera Mani	V. Naga Veera Mani
14.	2029125050004	ch. Pallavi	ch. pallavi