

From  
Department of Physics  
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 Physics 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 P  
30/11/22

Your's faithfully

1. P. B. S. S.
2. A. J. S.

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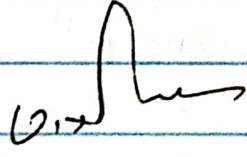

## NOTICE

21.11.2022

All the faculty members are requested to attend the Staff meeting on 22<sup>nd</sup> November 2022 @ 6:00 PM in the Department of Physics.

Agenda: To discuss about field trip to be arranged for the academic year 2022 - 2023.

P. B. Sells

1. Dr. YRD - 
2. Smt. C. Jyothirmai - 

Meeting

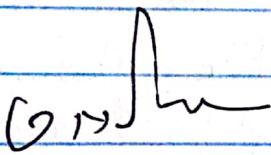
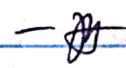
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22-11-2022

All the faculty members met in the department of physics on 22<sup>nd</sup> November 2022 @ 4:00 PM and made the following resolutions.

It is resolved to arranged a field trip to Coastal Polymers Pvt Ltd, challapalli on 30<sup>th</sup> November 2022 to 2<sup>nd</sup> year and first year students.

P-B SLLS

1. Dr. YRB - 
2. Smt G. Jyothirmai - 
- 3.

GSTIN : 37AJTPK9952D1ZL

Ph : 08671 - 222272 (O)  
Cell : 94906 07772

# COASTAL POLYMERS

Pro : K. Vijaya Lakshmi

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

m-to@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



# Field Trip To The Coastal Polymers

## Report On Field Trip

Eventhough studying a concept theoretically gives knowledge, a practical experience definitely gives an integrated knowledge related to that concept. Providing practical experience for all concepts or phenomena may not be possible in college laboratory. Field trip is the best mean for providing practical knowledge apart from the in-house experiments. Especially, in thermodynamics we can not provide equipment for all the practicals included in curriculum.

Hence the department of Physics has arranged a field trip to Coastal Polymers to provide real time experience of working steam boilers and other machine working in the preparation of thermocol sheets.



## Steam Boiler

Mr. Anand, supervisor of the unit has received us gently and accompanied us throughout the visit. He explained various units of polystyrene. Firstly he showed the **unit 1** where the polystyrene boiling process is done. We have observed blowers etc there.



## Polystyrene Boiling Process

Then went to **unit II** which contains moulds. There are three types of moulds,

- i) moulds for making boxes one is 5 lt and 125 lt.
- ii) ii) sheet moulds of two different sizes etc.,



## Moulds

Later we visited central boiling unit which works with wood. We have also visited the new boiling unit works with rice peels.

A special unit is there for recycling the waste sheets. Temperature maintenance is also explained very detailed. The automation system is explained in such a way, students turned towards to work on sensors. They have gained a complete knowledge about the working of all units.



## Recycling Process

Our students interacted with the labour shared their problems encountered in the work area. They understood the health issues like carcinogen of the labour and promised us that they never waste thermocol sheets.

When the thermocol mixes with water, contamination of water occurs and burning of thermocol releases green gases. So, it is essential to recycle it.

After this visit, the physics club decided to collect the waste thermocol sheets and giving them to recycling unit of this industry.



## Thermocol Sheets



## Coastal Polymers





Government Degree College  
Avanigadda - 521121  
Feedback from Students

Name of the Department: Physics  
Name of the Activity: Field Trip to Coastal Polymers  
Date: 30/11/2022  
Name of the Resource Person/ Presenter:

FEEDBACK FORM

(Please give rating as 3 -Very Good, 2- Good, 1- Satisfactory for Preparation Levels, Content, Communication Skills and Relevance to the Topic)

S. No	Class	Hall Ticket No.	Name of the Student	Preparation Levels	Content	Communication Skills	Relevance to the Topic	Any other Observations	Signature of the Participant
1.	Impc	202912505 2001	A. Navya Krishna	-	3	2	3	NO	A. Navya Krishna
2.	"	2004	D. Sai Kumar	-	2	3	2	useful	D. Sai Kumar
3.	"	2007	G. Baby Sai Varshita	-	3	3	2	NO	G. B. S. Varshita
4.	"	2009	K. Sravani	-	3	2	3	NO	K. Sravani
5.	"	20091	K. Geethanjali	-	2	3	3	Useful	K. Geethanjali
6.	Impc	202912505 0002	B. Ramu	-	3	2	3	NO	B. Ramu
7.	"	003	B. Mani	-	3	3	3	useful	B. Mani
8.	"	009	D. Hapsibha	-	2	2	3	useful	D. Hapsibha
9.	"	012	G. Jaswanthi	-	3	2	3	NO	G. Jaswanthi
10.	"	007	D. Chandu	-	3	2	2	NO	D. Chandu
11.	"	015	K. Priyanka	-	2	3	3	NO	K. Priyanka
12.	"	017	G. Jaswanthi	-	3	2	3	useful	G. Sravanthi
13.	"	004	C. Pallavi	-	3	3	3	useful	C. Pallavi
14.	"	006	D. Charan Teja	-	2	2	3	No	D. C. Teja
15.	"	017	K. Nikharika	-	3	3	2	useful	K. Nikharika
16.	"	010	J. Jes Paul	-	3	2	2	No	J. Jes Paul
17.	"	020	M. Triveni	-	3	3	2	useful	M. Triveni
18.	"	018	L. Karthik	-	3	3	3	useful	L. Karthik
19.	Impc	-	V. Praveena Rani	-	2	2	3	NO	V. Praveena
20.	"	-	K. Asha Latha	-	2	2	3	No	K. A. Latha
21.	"	-	S. Akshitha	-	3	3	3	useful	S. Akshitha
22.	"	-	K. Navya	-	3	2	3	NO	K. Navya
23.	"	-	Ch. Pallavi	-	3	3	3	NO	Ch. Pallavi
24.	"	-							
25.	"	-							
26.									

Principal  
GOVT. DEGREE COLLEGE  
AVANIGADDA, Krishna Dt. 521121