

**GOVERNMENT.DEGREE
BHADRACHALAM**



BHADRADRI KOTHAGUEM DIST-507111.



FIELD TRIP

DEPARTMENT OF ECONOMICS

1/1/2022

INDUSTRIAL TOUR - REPORT

The Department of Commerce took initiative to conduct industrial tour for the request of B.A. Gen & Computer students.

On 07-03-2020 with Permission of the principal Govt. Degree College, Bhadrachalam and prior approval of the manager ITC BPL Sarapaka, went to the industrial tour.

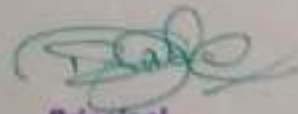
OBJECTIVE:

To know the practical exposure of industrial knowledge in general and the process of making paper in particular for student community.

The tour is about 40 students including B.A. (Gen & computers) and faculty of the College. The industrial Trip really fruitful and students are benefited a lot by visiting such place and got good industrial exposure and students knew the importance of paper making process. It is a part of academics as such the department of commerce and other colleague's co-operation and participation really benefited the students for improve their skills and knowledge.

Importance of ITC Sarapaka:

ITC's Paperboards and Specialty Papers Division (ITC-PSPD), is amongst the leading names in the business worldwide. Their innovative solutions to meet a diverse cross-section of packaging and communication needs have helped us carve a unique niche for themselves. With emphasis on harnessing state-of-the-art technology, they have emerged as the largest manufacturer of Packaging and Graphic Boards in South Asia. In the endeavor to move up the value chain, their portfolio of products and services has consistently grown over the years. Today, their products and pool of knowledge-based services are much sought-after by discerning customers, both in India and internationally, for sustaining and improving their competitiveness.


Principal
Govt. Degree College
Bhadrachalam-507111
Bhadrachalam District

Unit Bhadrachalam



- 7 machines with production capacity of 493,000 TPA of Paperboard and 124,700 TPA of Paper.
- Specialty boards for playing cards and scratch cards, C2S Art Boards and Ivory Boards.
- Commissioned India's first Elemental Chlorine Free bleaching line; later followed by another line incorporating Light ECF process with a combined capacity of 260,000 TPA.
- ISO 9001, ISO 14001 and ISO 45001 accredited.
- Forest Stewardship Council - Chain of Custody certified.
- BRC Global Standard certified for food grade boards.

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Project Report

Making of Pulp using with Machine Technology:

Raw Materials:

Pulp will take from different sources acc. To quality PMV is three layer board machine. They are TL, ML & BL. TL pulp will be always virgin pulp i.e made from plants like bamboo, subabulu and eucalyptus .

Process:

ML, BL pulp will change acc to quality pulp source --> unrefined chest --> refined chest . Mining chest ----> Machine chest ---> silo ----> centric cleaners ---- silo ----- screens -----> PD cell ---- -> Head box ---> wire part ----> press part ---> Dryers ---> coaters--> Dryers --> Coolers ----> papreel.

Pulp will take into un refined chest from the source acc. to quality. After refining by pulp will come to refined chest. After that mixing chest chemicals and other types of pulp adding will done here. After that pulp will be forwarded into machine chest.

From machine chest pulp will goes to silo for dilution purpose, afterwards centric cleaners sand particles will remove here. After that pulp will goes to screens threw silo. Foreign material will remove in screens. Screens accepts are final accepts.

This pulp will goes to head box threw PD tank. Pulsation Damper will Dump ten the fluctuations in head Box. From head Box uniform flow will pass to wire part. By applying vacuum. We can remove water from the pulp. After wire part sheet will goes press part. Here more moisture will remove by giving load by pressing.

After this sheet will passed to dryers here. By applying steam we can remove moisture MG (Mono Glaze) improves the smoothness and glaze of board (top side only). Coating is required to board to improve smoothness and produce the un even surface.

After this again sheet will passes to dryers to remove the moisture which was obtained due to coating to remove shrinkage cooling cylinders are there. At last paper (i.e paper board) will reeled at papered. This is the final product of the machine.



Industrial Tour Group Photo



ITC Sarapaka Entrance Gate



ITC Sarapaka 5th Unit



[Signature]
Principal
Govt. Degree College
Bhadrachalam-507 109
Koppal/Kottigudem Dist...

ITC Sarapaka Premises



[Handwritten signature]

Principal
Govt. Degree College
Bhadrachalam-507 1
Bhadrachalam/Kothigudem Dist.



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Date: 18-02-2020,
Bhadrachalam.

From,
The Principal,
Govt. Degree & P.G. College,
BHADRACHALAM,
Bhadradri Kothagudem District,
Telangana State.

To
The Manager
ITC - SARAPAKA
BHURGAMPAHAD
Bhadradri Kothagudem District
Telangana State.

Sir,

*Sub:-Industrial Tour for B. A Students – Seeking permission – Req.
– Reg.*

With Reference to the subject cited above, I would like to bring the following request to your kind consideration.

The B. A students (40) and faculty members(5) of our college have to undergo an Industrial tour in the course of academic curriculum. Hence I request your good self to permit the students of B.Com to visit your ITC, Bhadrachalm. We bring the students at your convenient time in the month of February, 2020.

I also request to your good self to inform regarding date and time of the appointment in advance for making necessary arrangements.

Thanking you.

Yours sincerely,

Principal
Govt. Degree & P.G. College,
Bhadrachalam
Principal
Govt. Degree & P.G. College
Bhadrachalam
Bhadradri Kothagudem Dist



GOVT. DEGREE COLLEGE, BHADRACHALAM BA 1ST

S.NO	H.T.NO	NAME OF THE STUDENTS
1	033-19-1106	J.DURGAPRASAD
2	033-19-1107	K.GANESH
3	033-19-1108	K.ANUSHA
4	033-19-1110	K.JHANSIRANI
5	033-19-1111	K.RUPAVATHI
6	033-19-1112	K.KANAKAMMA
7	033-19-1113	K.RAJU
8	033-19-1114	P.SARASWATHI
9	033-19-1115	P.SRILEKHA
10	033-19-1117	T.ANUSHA
11	033-19-1118	V.KAVITHA
12	033-19-1119	V.JASHWANTH
13	033-19-1301	B.MADHUKUMAR
14	033-19-1302	B.SAIKUMAR
15	033-19-1303	B.RAJESH
16	033-19-1304	D.KARUNA
17	033-19-1313	N.NAGASRI
18	033-19-1314	P.KRISHNAPRASHANTH
19	033-19-1318	SK.SHAREEF
20	033-19-1320	V.NAVEENKUMAR

Principal
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