

Geethanjali College of Engineering and Technology

Accredited by NAAC with 'A' Grade & NBA, Approved by AICTE and Affiliated to JNTUH
Cheeryal(V), Keesara(M), Medchal Dist., Telangana – 501 301.

Industrial Visits for the Academic Year: 2019-20

①

GEETHANJALI COLLEGE OF ENGINEERING AND TECHNOLOGY (AUTONOMOUS)

DEPARTMENT OF MANAGEMENT STUDIES

A REPORT ON INDUSTRIAL VISIT TO JNTUH ON 22.11.2019

We are glad to give this report on Industrial visit arranged by the Department of Management Studies on 22.11.2019 to JNTUH Library, which is located at Kukatpally, Hyderabad. We started by 9.00 AM by our college bus and reached the JNTU by 10.00 AM. There the officials received us cordially and well explained about the books available in the library. They explained in detail about the online sources, mails and soft material sources. The importance of pursuing PhD also well explained by the Director, Management Studies to students. Through out the explanation we asked so many doubts and we are very happy to express that the employees of the office were very friendly and cleared all the doubts.

We thank the HOD, staff and faculty coordinators to providing and enlightening us by conducting such visits.

BY

STUDENT CO-ORDINATORS

MBA 2019 BATCH.

Setha
19R11E0012

Vamsi
19R11E0039

FACULTY COORDINATORS

BPS Sathya

for Subeul

HOD

[Signature]
PRINCIPAL
Geethanjali College of Engg. Tech
(Cheeryal (V), Keesara (M), R.R. Dist. (A.R.) - 501 30

Industrial Visit

GEETHANJALI COLLEGE OF ENGINEERING AND TECHNOLOGY(Autonomous)

CHEERYAL(V) KEESARA(M) MEDCHAL(D).TELANGANA 501301

MBA I YEAR I SEM DAILY ATTANDANCE SHEET DATE: 22/11/19

S.NO	ROLL. NO	NAME OF THE STUDENT	1	2	3	4	5	6	7
1	19R11E0001	ABHIJEET MUKHERJEE	Abhijeet						
2	19R11E0002	BADISHETTI DEEKSHITHA	B. Deekshitha						
3	19R11E0003	BAHATAM GAYATHRI	B. Gayathri						
4	19R11E0004	BAINLA SHIVA KUMAR	B. Shiva Kumar						
5	19R11E0005	BALEKAR VAISHNAVI	B. Vaishnavi						
6	19R11E0006	BALNE JAYAKRISHNA	B. Jayakrishna						
7	19R11E0007	BEERAM RACHANA	B. Rachana						
8	19R11E0008	BODA YASHASWINI	B. Yashaswini						
9	19R11E0009	CHINNAM PRAMEELA	Ch. Prameela						
10	19R11E0010	D MAHESH							
11	19R11E0011	D SIRISHA							
12	19R11E0012	D SUSHMITHA	D. Sushmitha						
13	19R11E0013	DUMPA MAMATHA							
14	19R11E0014	EEGA BHAGYA LAXMI	E. Bhagya						
15	19R11E0015	GAJULA LAKSHITHA	G. Lakshitha						
16	19R11E0016	GAMPALA RATHAN RAJ							
17	19R11E0017	GANDHAMALLA SANDEEP KUMAR							
18	19R11E0018	GOVINDU RAKESH	R. Rakesh						
19	19R11E0019	GUNJI REVATHI	G. Revathi						
20	19R11E0020	GUNTI SHALINI	G. Shalini						
21	19R11E0021	GURAM PRASHANTH							
22	19R11E0022	GUTLA ASHOK KUMAR	G. Ashok						
23	19R11E0023	J SARAH							
24	19R11E0024	JUPALLY PRASANNA LAXMI	P. Prasanna						
25	19R11E0025	KADURU JYOTHI	K. Jyothi						
26	19R11E0026	KAMARAJUGADDA SREENUTA LIKHITA	K.S. Likhita						
27	19R11E0027	KOMIRELLI SOWMYA	K. Sowmya						
28	19R11E0028	KUMAWAT PAYAL	K. Payal						
29	19R11E0029	KUNISETTY SAI VASUDHA ROSHINI	K. Roshini						
30	19R11E0030	KURA SRINATH							
31	19R11E0031	KURAPATI MANASA	K. Manasa						
32	19R11E0032	MADARLA PRAVEEN KUMAR	M. Praveen						
33	19R11E0033	MAHADEVUNI VIJAY KUMAR	M. Vijay Kumar						
34	19R11E0034	MAKEPOGU RAJ KUMAR	M. Raj Kumar						
35	19R11E0035	MAMIDI NAVEEN KUMAR	M. Naveen Kumar						
36	19R11E0036	MEDUR DAYANAND MEGHA	M. Megha						
37	19R11E0037	METTU NIKITHA	M. Nikitha						
38	19R11E0038	MUDIGONDA SHIVA KUMAR	M. Shiva Kumar						
39	19R11E0039	P B VAMSHI KRISHNA	P. Vamshi Krishna						
40	19R11E0040	P LAVANYA	P. Lavanya						
41	19R11E0041	P PRABHUDAS REDDY	P. Prabhudas Reddy						
42	19R11E0042	P SRI KANYA	P. Sri Kanya						

PRINCIPAL
Geethanjali College of Engg. Tech.
Cheeryal (V), Keesara (M), R.R. Dist. (A.P.) - 501301

43	19R11E0043	PENTHALA SACHIN							
44	19R11E0044	PERUNGLAM GANESH JYOTHI	P. Jyothi						
45	19R11E0045	PESARLANKA PERCY	Percy						
46	19R11E0046	PORANDLA VIJAYKUMAR							
47	19R11E0047	PURELLA PRAVALIKA							
48	19R11E0048	R GAYATHRI	R. Gayatri						
49	19R11E0049	RANGA NITESH GOUD	Nitesh Goud						
50	19R11E0050	ROKKAM ANJU							
51	19R11E0051	SEELAM MANITEJ	S. Manitej						
52	19R11E0052	SONAL MADRE	Sonal Madre						
53	19R11E0054	TATTARI VINAY KUMAR							
54	19R11E0055	TOOTA PAVANI							
55	19R11E0056	UNDI LAKSHMI NAGA ALEKHYA	Alekhyas						
56	19R11E0057	VANGA SOWJANYA	V. Sowjanya						
57	19R11E0058	VARAGANTI GISHNU TEJA	Gishnu Teja						
58	19R11E0059	BANDLAMUDI CHANDANA	B. Chandana						
59	19R11E0060	TALLA SAHITHI	T. Sahithi						
	No. of students present								
	No. of students Absent								
	TOTAL								
	Signature								

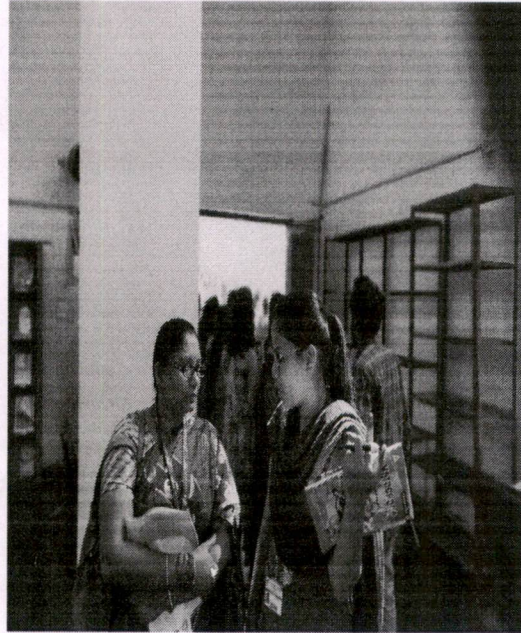
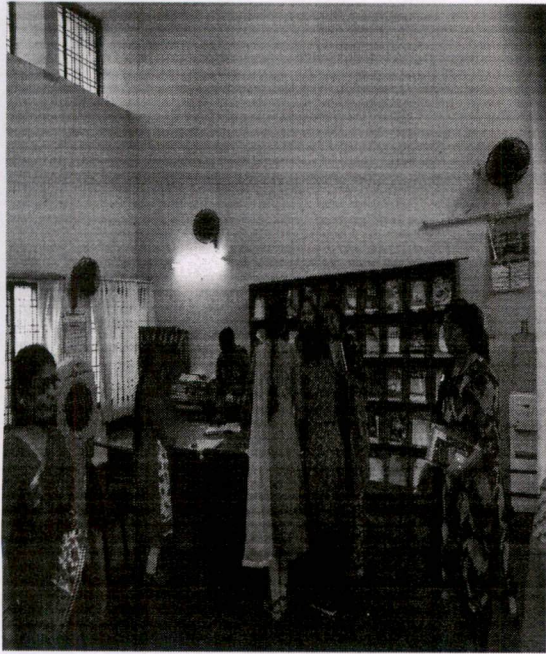
S.NO	Subject	Faculty Name	Topic	Signature
1				
2				
3				
4				
5				
6				
7				

Class Teacher/Coordinator

for Su
HOD- MBA

PRINCIPAL
Geethanjali College of Engg. Techn.
Cheerla (V), Keesara (M), R.R. Dist. (A.P.) - 501 301

A VISIT TO JNTUH LIBRARY



JNTUH DMS LIBRARY

Situb...

PRINCIPAL
Geethanjali College of Engg. Tech.
Cheeryal (V), Keasara (M), R.R. Dist. (A.P.) - 501 301

GEETHANJALI COLLEGE OF ENGINEERING AND TECHNOLOGY (AUTONOMOUS)

DEPARTMENT OF MANAGEMENT STUDIES

A REPORT ON INDUSTRIAL VISIT TO THE BUSINESS LINE ON 4.11.2019

We are glad to give this report on Industrial visit arranged by the Department of Management Studies on 3.11.2019 to the Business Line News Paper office, which is located at Habsiguda, Hyderabad. We started by 9.00 AM by our college bus and reached the news paper office by 10.00 AM. There the officials received us cordially and well explained about the printing process. They explained in detail about the eco friendly colors they are using, the papers they are using. The editing process is really very tough job. Through out the explanation we asked so many doubts and we are very happy to express that the employees of the office were very friendly and cleared all the doubts.

Many of our students enquired about the job opportunities in that office and took assurance that they will provide atleast 2 students the job in their office after completion of our MBA.

We thank the HOD, staff and faculty coordinators to providing and enlightening us by conducting such visits.

BY

STUDENT CO-ORDINATORS

MBA 2019 BATCH.

Nikitha
19R11E0037

Aishwarya
19R11E0049


FACULTY COORDINATORS

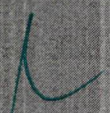
B.P. Srinivas

for *Srinivas*
HOD.

[Signature]
PRINCIPAL
Geethanjali College of Engg. Tech.
Cheeryal (V), Keosara (M), R.R. Dist. (A.P.) - 501 301

46	19R11E0046	PORANDLA VIDYAKUMAR	
47	19R11E0047	PURELLA PRAVALIKA	
48	19R11E0048	R. GAYATHRI	P. Pravalika
49	19R11E0049	RANGA NITESH GOUD	N. Nitesh
50	19R11E0050	ROKKAM ANJU	R. Anju
51	19R11E0051	SEELAM MANITEJ	
52	19R11E0052	SONAL MADRE	Sonal Madre
53	19R11E0054	TATTARI VINAY KUMAR	
54	19R11E0055	TOOTA PAVANI	
55	19R11E0056	UNDI LAKSHMI NAGA ALEKHYA	
56	19R11E0057	VANGA SOWANYA	
57	19R11E0058	VARAGANTI GISHNU TEJA	
58	19R11E0059	BANDLAMUDI CHANDANA	
59	19R11E0060	TALLA SAHITHI	
		No. of students present	51
		No. of students Absent	08
		TOTAL	59


COORDINATOR


PRINCIPAL
Geethanjali College of Engg. Tech.
Hosur, (E. Chinnasa (M), K.R. Dist. (A.P.) - 507 001

S.NO	RO
1	19R11E0001
2	19R11E0002
3	19R11E0003
4	19R11E0004
5	19R11E0005
6	19R11E0006
7	19R11E0007
8	19R11E0008
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15	19R11E0015
16	19R11E0016
17	19R11E0017
18	19R11E0018
19	19R11E0019
20	19R11E0020
21	19R11E0021
22	19R11E0022
23	19R11E0023
24	19R11E0024
25	19R11E0025
26	19R11E0026

GEETHANJALI COLLEGE OF ENGINEERING AND TECHNOLOGY(AUTONOMOUS)

CHEERAYAL VEE SARANI MEDICAL/DENTAL ANGGANA SHIBIRI

Amount Collected for Industrial Visit-THE HINDU

MBA 1st Year

Coordinator Signature

S.NO	ROLL NO	NAME OF THE STUDENT	Student Signature	AMOUNT (RS.100)	Coordinator Signature
1	19R11E0001	ABHISHEK MURKHERJEE	Abhishek	paid	
2	19R11E0002	RAJESHETTI DEEKSHITHA	Rajeshetti	paid	
3	19R11E0003	BAHATHAM GAAYATHRI	Gaayathri	paid	
4	19R11E0004	SHANILU SHIVA KUMAR	Shanilu	paid	
5	19R11E0005	BATEKAH VARISHANANI	Batekah	paid	
6	19R11E0006	BALINE JAYARISHNA	Baline	paid	
7	19R11E0007	BEERAM RACHANA	Beeram	paid	
8	19R11E0008	BOBA YASHASWINI	Bobabob	paid	
9	19R11E0009	CHINNAMA PRAMEELA	Chinnama	paid	
10	19R11E0010	D MAHESH	D Mahesh	paid	
11	19R11E0011	D SRINISHA	D Srinisha	paid	
12	19R11E0012	D SUSHRITHA	D Sushritha	paid	
13	19R11E0013	PUNPA MAMATHA	Punpa	paid	
14	19R11E0014	FEGA BHAGYA LAXMI	Fega	paid	
15	19R11E0015	SAJIDA LAKSHITHA	Sajida	paid	
16	19R11E0016	GAMPALA RATHAN RAI	Gampala	paid	
17	19R11E0017	GANDHAMALLA SANDHEEP KUMAR	Gandhamalla	paid	
18	19R11E0018	GOVINDU RAKESH	Govindu	paid	
19	19R11E0019	GINJI REVATHI	GINJI	paid	
20	19R11E0020	GINJI SHALINI	GINJI	paid	
21	19R11E0021	GIJRAM PRASHANTH	GIJRAM	paid	
22	19R11E0022	GUTLA ASHOK KUMAR	Gutla	paid	
23	19R11E0023	J SAKSHI	J Sakshi	paid	
24	19R11E0024	JUPALLY PRASANNNA LAXMI	Jupally	paid	
25	19R11E0025	JADURE JYOTHI	Jadure	paid	
26	19R11E0026	KAMARAJAGODA SREENTHA BHITHA	Kamarajagoda	paid	
27	19R11E0027	KONKIBELLI SOWMYA	Konkibelli	paid	
28	19R11E0028	KUMARAVATI EYVAL	Kumaravati	paid	
29	19R11E0029	KUNISETTY SAI VASUDHA ROSHINI	Kunisetty	paid	
30	19R11E0030	KURA SRINATH	Kura	paid	
31	19R11E0031	KURADATI MANASA	Kuradati	paid	
32	19R11E0032	KADARLA PRAVEEN KUMAR	Kadarla	paid	
33	19R11E0033	MAHADEVUNI VIJAY KUMAR	Maha	paid	
34	19R11E0034	MAKREDDY BALAJI	Makreddy	paid	
35	19R11E0035	MAJIDI NAVIEN KUMAR	Majidi	paid	
36	19R11E0036	MEDUR DAYANAND MECHA	Medur	paid	
37	19R11E0037	MELTU BHITHA	Meltu	paid	
38	19R11E0038	MUDISONDA SHIVA KUMAR	Mudisonda	paid	
39	19R11E0039	P R VAMSHI KRISHNA	P R Vamshi	paid	
40	19R11E0040	P R VAMSHI KRISHNA	P R Vamshi	paid	
41	19R11E0041	P RASHMIDAS REDDY	P Rashmidas	paid	
42	19R11E0042	P SRIRAMNA	P Sriramna	paid	
43	19R11E0043	P KITHALA SACHIN	P Kithala	paid	
44	19R11E0044	P SINGILAM GANESH JYOTHI	P Singilam	paid	
45	19R11E0045	PESRILANCA PERCY	Pesrilanca	paid	

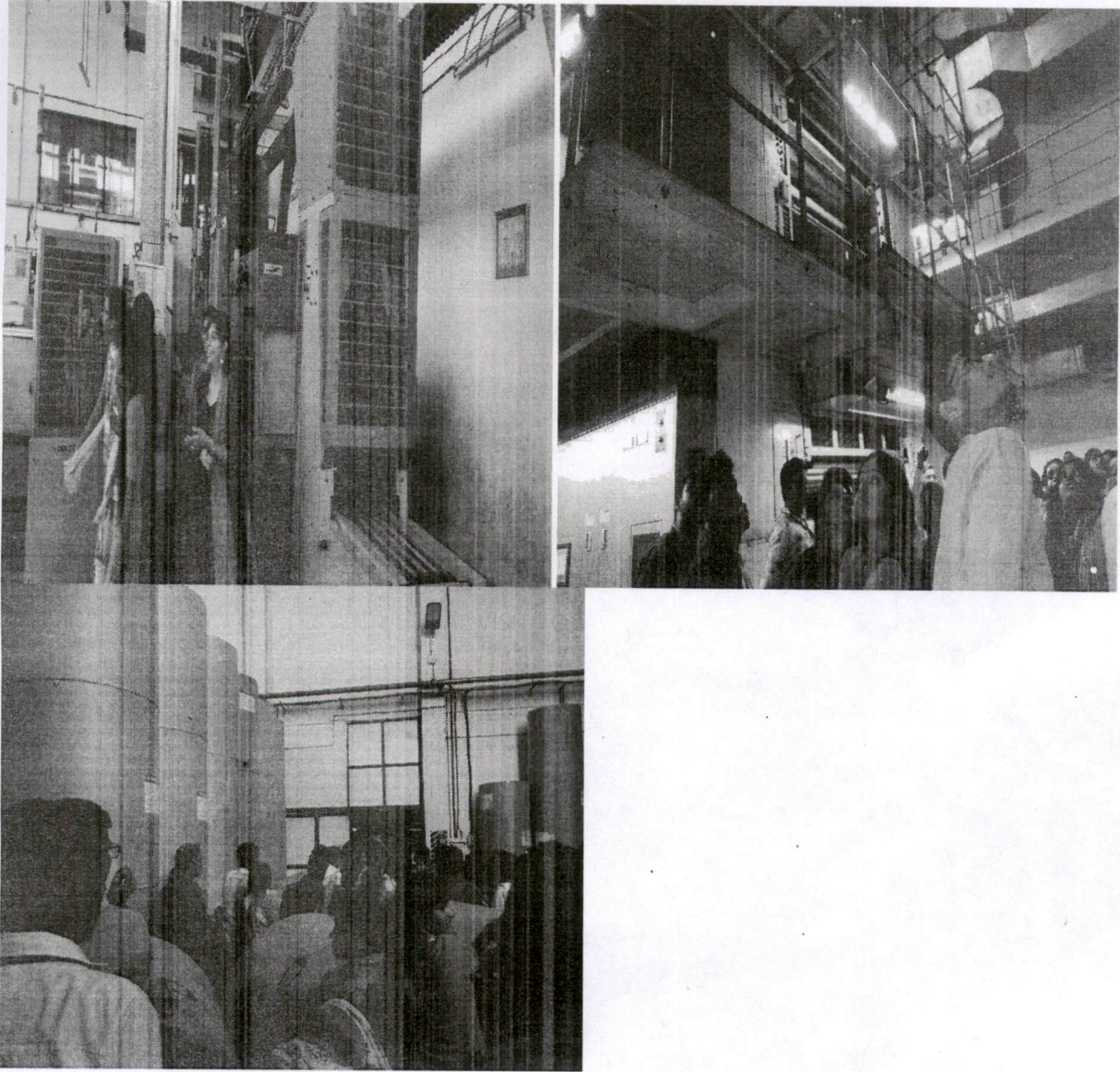
for details

PRINCIPAL
Geethanjali College of Engg. Tech
Cheerayal (V), Keesara (M), K.R. Dist. (A.P.) - 501 301

GEETHANJALI COLLEGE OF ENGINEERING AND TECHNOLOGY (AUTONOMOUS)

DEPARTMENT OF MANAGEMENT STUDIES

IMAGES OF INDUSTRIAL VISIT TO THE BUSINESS LINE ON 4.11.2019



for Su


PRINCIPAL
Geethanjali College of Engg. Techn.
Serval (V) Keesara (M), R.R. Dist. (A.P.) - 501 30



PRINCIPAL
Geethanjali College of Engg. Techn.
Haeriyol (V), Keesara (M), R.R. Dist. (A.P.) - 501 301

for BH

GEETHANJALI COLLEGE OF ENGINEERING AND TECHNOLOGY
Cheeryal (V), Keesara (M), Medchal (Dist.) – 501301

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING


INDUSTRIAL VISITS

2019-2020

S.No	Name of the Industry Visited	Date/Duration	Year/Sem for which Industrial visit organized	Total number of students
1	Nuclear Fuel Complex, Hyderabad	19-sep-2019 and 20-sep-2019	III Year	110
2	Variturn Electro Products PVT Ltd, Hyderabad	25-Sep-2019	II Year	120
3	Nagarjuna Hydroelectric power station(Left Canal)	3-Jan-2020	III Year	104



(Manjul Khare)
Industrial Visit Coordinator


HOD


PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheeryal (V), Keesara (M), Medchal Dist.(T.S.)-501 301.

DATE:27/12/2019

To,

The Principal,

Geethanjali College of Engineering and Technology,

Cheeryal (V), Keesara (M), Medchal (D).

SUBJECT: Permission for industrial visit to Nagarjuna Sagar Hydro electric Power plant (LEFT CANAL) on 31/12/19 and 3/1/20

Respected sir,

This is a request letter to seek your kind permission for industrial visit for Nagarjuna Sagar Hydro electric Power plant (LEFT CANAL), Hyderabad on 31/12/19 and 3/1/20 II year EEE students.

Kindly grant the permission for the same and provide college transport.

Thanking you.

Yours faithfully,



Manjul Khare,

Assistant professor,

Geethanjali College of Engineering and Technology.

forwarded to principal for
kind approval.

D. Reddy
27/12/19

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29
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To
Transport De for n-apt
She
27/12/19


PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheeryal (V), Keesara (M), Medchal Dist. (R.S.)-501 301.



Geethanjali

Phone : 9182058187
Website: www.geethanjalinstitutions.com
info@gcet.edu.in

Geethanjali College of Engineering and Technology AUTONOMOUS

(Accredited by NAAC "A" Grade; ECE, CSE, EEE & ME, B.Tech Programs Accredited by NBA;
Approved by AICTE, New Delhi; Permanently Affiliated to JNTUH)
Sy. No. 33 & 34, Cheeryal (V), Keesara (M), Medchal District. - 501 301.

Cheeryal,
D: 27/12/2019.

To
Superintendent Engineer,
O&M Circle,
NSHES,
Nagarjuna Sagar,
Guntur district,
Andhra Pradesh.

Respected Sir/Madam,

I, the undersigned request your kind self to allow students of our institute, **Geethanjali College of engineering and Technology**, Cheeryal (V), Keesara (M), Medchal (D), Hyderabad for industrial visit to the Nagarjuna Sagar left canal power station.

The students of II year BTech are studying Hydroelectric Power plant in their curriculum. The visit to the power station will prove to be very helpful to the students giving them a practical implementation of the power generation concept.

The students are total 120 in count. If possible kindly allow us to visit the power station on 3rd January 2020 (2 Batches of 60 students each and 8 Faculty members).

We would be very grateful to you if you grant us permission for the visit. Looking forward for your positive response.

Thanking You,

Dr. Radhika Dora
Professor and HOD, Department of EEE,
Geethanjali College of Engineering and Technology,
Ph: 9000017241

HOD - EEE

Department of Electrical and Electronics Engineering

Geethanjali College of Engineering & Technology (Autonomous)

Cheeryal (V), Keesara (M), Medchal (D), Telangana, 501 301

PRINCIPAL

Geethanjali College of Engg. and Tech.
Cheeryal (V), Keesara (M), Medchal Dist.(T.S.)-501 301.

Sponsored by **TEJA EDUCATIONAL SOCIETY, HYDERABAD**

Office : Sy. No. 33 & 34, Cheeryal (V), Keesara (M), Medchal Dist. - 501 301.

Phones : 9182058196, 9182058194

TELANGANA STATE POWER GENERATION CORPORATION LIMITED

From
The Superintending Engineer,
Operation & Maintenance Circle,
N.S.H.E.Schme, Pylon Colony
TSGENCO,
NAGARJUNA SAGAR - 508202.

To
→ The Head Master,
Geethanjali college of Engg&Tech.,
Cheeryal, Keesara,
Medchal Dist.

Lr.No.SE/O&M/NSHES/ADET/AEP/F.Permissions/D.No. 3169/19, Dt. 28-12-2019.

Sir,

Sub:- TSGENCO - Permission to allow 120 Number Students along with 8 faculty members of Geethanjali college of Engg&Tech to visit NSLCPH on 03.01.2020 up to service bay - Permission - Accorded.

Ref:- Letter No.Nil, Date.28.12.2019.

* * *

With reference to the letter cited, permission is hereby accorded to 120 Number Students along with 8 faculty members of Geethanjali college of Engg&Tech to visit NSLCPH on 03.01.2020 subjected to the following conditions.

1. Visitors should follow the TSGENCO Engineers instructions in the Power House.
2. Damages are to be born by your institution if any Loss/Damages occur with the students.
3. The visitors are advised to take all precautionary measures to avoid any mishap during the visit.
4. The visitors should not use lifts in Power House.
5. The members permitted shall display their identity to the security authorities in the Power House.
6. The visitors are not allowed to enter into the MCR (Main Control Room) without permission from the ADE(MCR)/NSLCPH. If permitted the visitors are advised to enter into MCR batch by batch (A batch consisting of 10 to 15 numbers only)
7. Strict discipline shall be observed and subjected to security and vigilance check.
8. **Photography and videography are strictly prohibited in the plant.**
9. **No Guide will be arranged at Power House. Permission issued up to service bay only.**

NOTE:-

1. The TSGENCO is in no way responsible for any Losses/Accidents occurred during their visit.
2. Visitors are requested to bring one sapling per head of 5 feet height (Ravi, Mari, Medi, Juvvi, Kadamba, Tunikkaya, Teku, Maredu, Usari, Arjuna, Chintha, Devadr ujammi, Sandra Etc.) and hand over them to security during their visit.
3. **Duty officer/SPF staff are instructed to allow batch by batch, each batch 20 numbers only.**

Yours faithfully,

PRINCIPAL SUPERINTENDING ENGINEER,
Geethanjali College of Engg and Tech.,
Cheeryal, Keesara (M), Medchal Dist. (T.S.)-501 801

Copy to the Divisional Engineer/O&M/NSLCPH.
Copy to the Reserve Inspector/TSSPF/NSHES.
Copy to the Duty officer/TSSPF/ TSGENCO/NSHES.
Copy to Asst.Divisional Engineer/General/NSLCPH.



Radhika Dora <headeeegcet@gmail.com>

NSHES-Power House permission-Accorded

1 message

nshes.se <nshes.se@tsgenco.co.in>
To: Radhika Dora <headeeegcet@gmail.com>

Thu, Jan 2, 2020 at 1:35 PM

Regards

Superintending Engineer
Operation & Maintenance
NSHES TSGENCO
Nagarjuna Sagar
Telangana State - 508202
Mobile No: 9490612016
Office No: 08680 276065, 08680 276527

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From: Radhika Dora <headeeegcet@gmail.com>
Sent: 28 December 2019 12:47
To: nshes.se
Subject: request for permission for industrial visit


PRINCIPAL
Geethanjali College of Engg and Tech.
Cheeryal (V), Keesara (TA), Medchal (M.D.)-501 301.

Good afternoon Sir/Madam,
As per the telephonic conversation with your official, we are requested to schedule our visit to one day i.e., on 3rd January 2020.
Here is the new request letter for your reference.

Kindly accept our request.

--

Regards,

Dr. Radhika Dora
Professor and HoD
Dept. of EEE
Geethanjali College of Engineering and Technology
CONFIDENTIALITY INFORMATION AND DISCLAIMER

The information contained in this electronic message and any attachments are intended for the exclusive use of the addressee(s) and may contain proprietary, confidential or privileged information. If you are not the intended recipient, you should not broadcast, distribute or copy this e-mail. Please notify the sender immediately and destroy all the messages including any attachments. WARNING: Computer viruses can be transmitted via email. The recipient should check this email and any attachments for the presence of viruses. The company accepts no liability for any damage caused by any virus transmitted by this email.

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Geethanjali College of Engg. and Tech.
Cheeryal (V), Keesara (M), Medchal Dist.(T.S.)-501 301.

GEETHANJALI COLLEGE OF ENGINEERING & ENGINEERING					
Cheeryal (V), Keesara (M), Medchal Dist, TS 501 301					
Industrial Visit to Nagarjunasagar Hydro Electric Power Plant 3/01/2020					
S.NO	ROLL NO	STUDENT NAME	Signature	Signature	Remarks
	II year	2019-20 SEM-II			
		SECTION-A			
1	18R11A0201	AGALDUTY MANASA	<i>Manasa</i>		
2	18R11A0202	ARUTLA AKHIL	<i>Akhil</i>		
3	18R11A0203	BALLEM YASHWANTH KUMAR	<i>B. Yashwanth</i>		
4	18R11A0204	BANDARI KARTHIK	<i>Karthik</i>		
5	18R11A0205	BANOTH SAI KUMAR	<i>Sai Kumar</i>		
6	18R11A0206	BATTHULA SAI SARANYA	<i>Saranya</i>		
7	18R11A0207	BATTU SRI RAM	<i>Sri Ram</i>		
8	18R11A0208	BILLA SAI DEEP	<i>Sai Deep</i>		
9	18R11A0209	BOKINALA SUSHEEL JEEVAN	<i>Susheel Jeevan</i>		
10	18R11A0210	BUSHIGAMPALA SRAVANI GOUD	<i>Sravani</i>		
11	18R11A0211	BUSSA SWETHA	<i>Swetha</i>		
12	18R11A0212	C VENKATA SAUMYA	<i>Saumya</i>		
13	18R11A0213	CHALLA MAMATHA	<i>Mamatha</i>		
14	18R11A0214	CHIDURALA YUKTHA SAI	<i>Yuktha Sai</i>		
15	18R11A0215	D SHRUTHI	<i>Shruthi</i>		
16	18R11A0216	EPPALA ARAVINDKUMAR	<i>Aravind</i>		
17	18R11A0217	ETTABOINA MEGHANA	<i>Meghana</i>		
18	18R11A0218	GAJULA MILLEENA	<i>Milleena</i>		
19	18R11A0219	GANDRA PAVAN KUMAR REDDY	<i>Pavan</i>		
20	18R11A0220	GARSERI BHAVANI	<i>Bhavani</i>		
21	18R11A0221	GOLI CHAKRADHAR REDDY	<i>Chakradhar</i>		
22	18R11A0222	GONE SANTHOSH KUMAR	<i>Santhosh</i>		
23	18R11A0223	GOPARAPU MANIKANTA	<i>Manikanta</i>		
24	18R11A0224	JAGILLAPURAM SATHISH KUMAR	<i>Sathish</i>		
25	18R11A0225	KALALI AJAY KUMAR			
26	18R11A0226	KATTOJU MONESH BABU	<i>K. Monesh</i>		
27	18R11A0227	KOMMU MAHESH	<i>Mahesh</i>		
28	18R11A0228	KOMPELly SAI KRISHNA	<i>Sai Krishna</i>		
29	18R11A0229	KONCHIGARI SETHUMADHAV	<i>Sethu</i>		
30	18R11A0231	KOTIKALAPUDI MADHU KAILASH	<i>Madhu</i>		
31	18R11A0232	LAGUDU AKHILA	<i>Akhila</i>		
32	18R11A0233	MADAGONI SHIVA SAI	<i>Shiva Sai</i>		
33	18R11A0235	MEKALA SAI SURYA REDDY	<i>Surya</i>		
34	18R11A0236	MERUGU GANESH	<i>Ganesh</i>		
35	18R11A0237	MORA VISHAL	<i>Vishal</i>		
36	18R11A0238	MUDIGONDA SAI KARTHIK	<i>Karthik</i>		
37	18R11A0239	NANGANURI VINESH	<i>Vinesh</i>		
38	18R11A0241	NUTTAKKI SRUTHI KEERTHANA	<i>Sruthi Keerthana</i>		
39	18R11A0242	OGURI NUMITHA DEVI	<i>Numitha</i>		

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Cheeryal (V), Keesara (M), Medchal Dist. (T.S.)-501 301.

40	18R11A0243	PALLAVI CHINTALAPUDI	<i>Pallavi</i>		
41	18R11A0244	PALLEPATI GURU PRIYA	<i>Gurupriya</i>		
42	18R11A0245	RAGULAKOLLU RAGHU PRASHANTH	<i>R. Raghu</i>		
43	18R11A0246	RAJA TOMAR	<i>Raja</i>		
44	18R11A0247	RAMINENI MAHESH	<i>R. Mahesh</i>		
45	18R11A0248	S PARAMESH	<i>S. Paramesh</i>		
46	18R11A0249	SABBANI SAIKIRAN	<i>S. Saikiran</i>		
47	18R11A0251	V BHAGYASRI	<i>V. Bhagyasri</i>		
48	18R11A0252	V MAHESH	<i>V. Mahesh</i>		
49	18R11A0253	VUPPALA SRIJA	<i>V. Srija</i>		
50	18R11A0254	YAGAMATI PRASANNA	<i>Y. Prasanna</i>		
51	19R15A0201	PATEL BHOOPATHI	<i>P. Bhoopathi</i>		
52	19R15A0202	MALOTHU MAHENDAR	<i>M. Mahendar</i>		
53	19R15A0203	GURRAM PRASHANTH	<i>G. Prashanth</i>		
54	19R15A0204	MOHD HASEENA	<i>M. Haseena</i>		
55	19R15A0205	PODETI DEEKSHITHA GOUD	<i>P. Deekshitha</i>		
56	19R15A0206	BADDAM MANISH KUMAR GOUD	<i>B. Manish</i>		
57	19R15A0207	MOHAMMAD JUNAID	<i>M. Junaid</i>		
58	19R15A0208	RAJESH CHIRRA	<i>R. Chirra</i>		
59	19R15A0209	KHALEEL PASHA P	<i>K. Pasha</i>		
60	19R15A0210	MD FARDEEN ALI	<i>M. Fardeen</i>		
61	19R15A0211	NEELI RATHAN KUMAR	<i>N. Rathan</i>		
62	19R15A0212	KODI KIRAN	<i>K. Kiran</i>		
63	19R15A0213	BODUPALLY SHIVA PRASAD	<i>B. Shiva</i>		
		Faculty Members			
1		K Mahender	<i>K. Mahender</i>		
2		B Sowjanya	<i>B. Sowjanya</i>		
3		K Nagaraju	<i>K. Nagaraju</i>		
4		M Prashanth	<i>M. Prashanth</i>		

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 Geethanjali College of Engg. and Tech.
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GEETHANJALI COLLEGE OF ENGINEERING & ENGINEERING

Cheeryal (V), Keesara (M). Medchal Dist, TS 501 301

Industrial Visit to Nagarjunasagar Hydro Electric Power Plant 3/01/2020

S.NO	ROLL NO	STUDENT NAME	Signature	Signature	Remarks
	II year	2019-20 SEM-II	<i>Coming to page</i>		
		SECTION-B			
1	17R11A0269	GODASU SANTHOSH KUMAR			
2	17R11A0274	JALANDER AVINESH	<i>Avinash</i>		
3	18R11A0255	AARAPALLY SOWJANYA	<i>Sowjanya</i>		
4	18R11A0256	AKULA SANDEEP	<i>A. Sandeep</i>		
5	18R11A0257	BAVANDLAPELLI MANIKANTA			
6	18R11A0258	BHARATHVYAS KULAKARNI	<i>Bharath</i>		
7	18R11A0259	BHUKYA CHANDINI	<i>Chandi</i>		
8	18R11A0260	BHUKYA LAKSHMAN			
9	18R11A0261	BHUKYA PRAVEEN	<i>B. Praveen</i>		
10	18R11A0262	BODUKURIWAR SHIVA PRASAD	<i>B. Prasad</i>		
11	18R11A0263	BOGA SAI VENKATA SWAROCHISH			
12	18R11A0264	BOLLAM PALSON	<i>Bollam</i>	<i>Bollam</i>	
13	18R11A0265	BOREDDY VIJAY BHASKAR REDDY	<i>B. Bhaskar</i>		
14	18R11A0267	CHINTHAKINDI SHIVA	<i>Ch. Shiva</i>		
15	18R11A0268	CHIRABOINA RAMESH YADAV			
16	18R11A0269	DASA PRANATHI	<i>Pranathi</i>		
17	18R11A0270	DASARI PRANITH	<i>Pranith</i>		
18	18R11A0271	DHEERAVATH DURGA PRASAD	<i>Dheeravath</i>		
19	18R11A0272	DODDABOINA GAUTHAM			
20	18R11A0273	ERIGI KEERTHANA	<i>Keethana</i>		
21	18R11A0274	G V S M ADITHYA	<i>G. V. S. M. Adithya</i>		
22	18R11A0275	GORRE BHAVYA	<i>Bhavya</i>		
23	18R11A0276	GUGULOTH RAJESHWARI BAI	<i>Rajeshwari</i>		
24	18R11A0277	GUGULOTH SUJATHA	<i>Sujatha</i>		
25	18R11A0278	JANNALA GADDA DATHA SAI NEERAJ	<i>Neeraj</i>		
26	18R11A0279	KAMPELLI KIRITI	<i>Kiriti</i>		
27	18R11A0280	KANURI YAMINI	<i>Yamini</i>		
28	18R11A0281	KATIKAM JAYASREE	<i>Jayasree</i>		
29	18R11A0282	KUMMARI SAIKUMAR			
30	18R11A0283	KURRA SNEHITHA	<i>Snehitha</i>		
31	18R11A0284	KUTIKANTI SAI DIVYA TEJA GOUD	<i>Divya</i>		
32	18R11A0285	MADASTU RAVINDAR			
33	18R11A0286	MANDA ARJUN			
34	18R11A0287	MATTA MADHU			
35	18R11A0288	MEKA SRI CHANDANA	<i>Sri Chandana</i>		
36	18R11A0290	MUNJALA PAVANKUMAR	<i>Pavankumar</i>		
37	18R11A0292	NALLAPARAJU VAMSHI KRISHNA	<i>Vamshi</i>		
38	18R11A0293	NARAHARISSETTY VAMSI KRISHNA	<i>Vamsi</i>		
39	18R11A0294	NERALLA HEM SUMANTH	<i>Hem</i>		


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40	18R11A0295	PALA VARUN KUMAR			
41	18R11A0296	PALLA VANI	P. Vani		
42	18R11A0297	PLISETTY SHEETHAL DAMAYANTHI	Sreetha		
43	18R11A0298	POLA RAVITEJA	P. Raviteja		
44	18R11A0299	PREMA RAHUL			
45	18R11A02A0	SAIKAM MOKSHA SAI TARUN			
46	18R11A02A1	SHENIGARAM SHRUTHI	Shrutika		
47	18R11A02A2	VADTHYA VENKATESH	V. Venkatesh		
48	18R11A02A3	VELLORE INDRANEEL			
49	18R11A02A5	YELLU SWETHA	Sreetha		
50	18R11A02A6	GADDAMEDI CHANDRA LEKHA			
51	19R15A0214	DAMERAUPPULA SWATHI	Swathi		
52	19R15A0215	MEKALA DEVIKA	Devika		
53	19R15A0216	DASOHAM RAJU KUMAR	Raj		
54	19R15A0217	BUSA SUGANDHI	B. Sugandhi		
55	19R15A0218	KATEPALLY DURGA PRASAD GOUD	D. Prasad		
56	19R15A0219	VELPULA VAMSHI	V. Vamshi		
57	19R15A0220	DUGGI SAI BABU	S. Sai Babu		
58	19R15A0221	GUDIPALLY MAHENDER PRASAD	M. Mahender		
59	19R15A0222	SHAIK THASLEEM			
60	19R15A0223	PREM KUMAR P	P. Prem		
61	19R15A0224	YELASANI SHAILENDER	Shailender		
		Faculty Members			
1		Manjul Khare			
2		G Srikanth	M. Prashanth		
3		V Rakesh			
4		S Poornachandra Rao			

INDUSTRIAL VISIT TO NAGARJUNASAR HYDRO ELECTRIC POWER PLANT

II year (Sec A & B)

3/1/2020.



PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheeryal (V), Keesara (M), Medchal Dist. (T.S.)-501 001.

Geethanjali College of Engineering and Technology

Cheeryal Village, Keesara Mandal, Hyderabad, Telangana 501301



REPORT ON INDUSTRIAL VISIT NAGARJUNA SAGAR HYDRO POWER PLANT

BY

K JAYASREE

18R11A0281

EEE 2B

A handwritten signature in blue ink, appearing to be 'KJ' or similar, is located below the student information.

PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheeryal (V), Keesara (M), Medchal Dist. (T.S.)-501 301.

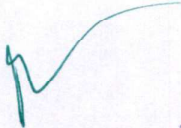
ACKNOWLEDGEMENT

We take this opportunity to thank our principal Dr Udaya Kumar Susarla for giving permission. We would like to express our special thanks to Dr D.Radhika, The Head of the Department for giving us an opportunity to go for an industrial visit.

Special thanks to Manjul Khare, Assistant Professor for accompanying the students and guiding us during visit.

Our heart felt gratitude also goes to the faculty members of EEE department who are along with for us in the industrial tour and allowing us to visit and guiding us through various process.

Finally heart felt gratitude to all our class mates for making this trip a memorable one.


PRINCIPAL
Government College of Engineering
Vijayawada (M), Madhya Pradesh

REPORT ON INDUSTRIAL VISIT

We started on 3rd January 2020 at 6.15 am with 100 students and 6 faculty members from Hyderabad , had delicious breakfast at chintapally and reached Nagarjuna sagar at 10.30 am. We got permission for visiting left canal power generating station. After completing regular formalities from security we got clearance to visit power plant under the guidance of electrical Junior Engineers. We spent valuable time in knowing the actual working, control and synchronization of hydro power plant with the grid.

After few hours, at 01:00 pm we had appetizing lunch in nearby guest house. We went to nagarjuna sagar dam at around 02:00 pm .We are rejuvenated by the cool breeze and freshwater of Krishna river.

We spent 2 hours near the dam and boarded the bus at 4.30pm after having refreshments, reached Hyderabad at 08:00 pm.

Hydro electric power plant

we have visited Nagarjuna sagar hydro power plant. Nagarjuna Sagar Dam, which is about 100 KM downstream of the river from Srisaillam forms the lower reservoir with a gross storage of 400 TMC ft. It is of 815.6 mw. It has 26 gates and 2 canals

Left canal: 2*30:-generate 60 MV

Right canal: 3*30:-generate 90 MV

There are 8 units:

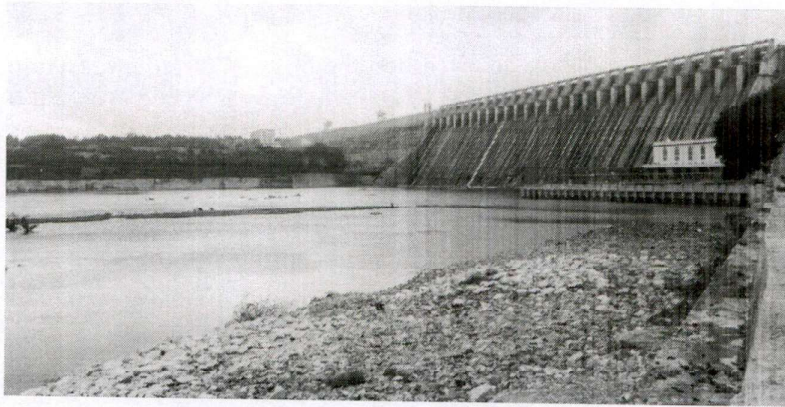
In 1st unit (110MV) – BHEL- generator

In 2nd – 8th (8MV)-generator and motor


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POWER GENERATION

The hydroelectric plant has a power generation capacity of 815.6 MW with 8 units (1x110 MW+7x100.8 MW). First unit was commissioned on 7 March 1978 and 8th unit on 24 December 1985. The right canal plant has a power generation capacity of 90 MW with 3 units of 30.6 MW each. The left canal plant has a power generation capacity of 60 MW with 2 units of 30 MW each. Water released from Nagarjun Sagar left canal is used for irrigation purpose. The tail pond is under advanced stage of construction too put to use the pumped storage features of 7x100.8 MW units.



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Nagarjuna College of Engg. and Tech.
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Report on Industrial Visit

NAGARTJUNA SAGAR HYDRO POWER PLANT

Date : 03-01-2020

Duration: 13 hours

Contents :-

1. Introduction
2. Purpose of the site
3. Information of the visit.
4. Data collected
5. Conclusion.

Submitted by :- Y. Prasantha

18R11A0254

EEE-A₁


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Geethanjali College of Engg. and Tech.
Cheerla (V), Keesara (M), Medchal Dist. (T.S.)-501 301.

Introduction:-

The concept of visiting Nagarjuna sagar hydro power plant is so beneficial to the students as it provides a deep understanding about the working of hydro electric power plant. This gives a complete picture of actual working of the machinery. Learning from books is not most interesting than visiting the power plant. And we visited the hydro power plant and learnt about the power plant.

Purpose:

The main purpose of the visit is knowabout

- How a turbine work's .
- How water flows into a turbine
- How power is generated

Information of the visit:

Students all where gathered near BSNL company. And the buses started from ECIL and reached the power plant around 10:00 am.


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Observation:-

1. Type of turbine used - Kaplan turbine
2. No. of alternators used - 2
3. Transformer rating - 40MVA
4. Power generated - 2 alternator each generating

30MW

5. Purpose - Irrigation and power generation.

* The water from reservoir is given to surge tank where the water level is maintained same as reservoir level. Water from surge tank is sent into turbines through large penstocks. Then water hits the blades of the runner by adjusting guide vanes of the turbine as per requirement.

These turbine is coupled to an alternator. This power plant usually remains closed for 3-4 months during summer for maintainance of turbine. And finally the power is generated in the power plant.

Conclusion:-

At the end of the visit we concluded that Hydro electric power plant supplies the power to the irrigation or agriculture purpose. Hydro electric plant plays a significant part in ensuring reliable electricity service.

Finally, this industrial tour gave us the technical knowledge about how the power is generated in the hydro electric power plant.



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Geethanjali College of Engineering and Technology

Cheeryal Village, Keesara Mandal, Hyderabad, Telangana 501301



REPORT ON INDUSTRIAL VISIT NAGARJUNA SAGAR HYDRO POWER PLANT

BY

D.PRANATHI

18R11A0269

EEE-2B

PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheeryal (V), Keesara (M), Medchal Dist.(T.S.)-501 301.

ACKNOWLEDGEMENT

We take this opportunity to thank our principal Dr. Udaya Kumar Susarla for giving permission. We would like to express our special thanks to Dr D. Radhika, The Head of the Department for giving us an opportunity to go for an industrial visit.

Special thanks to Manjul Khare, Assistant Professor for accompanying the students and guiding us during visit.

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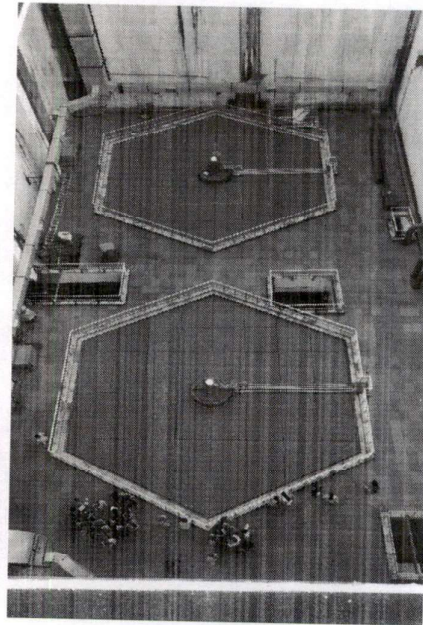
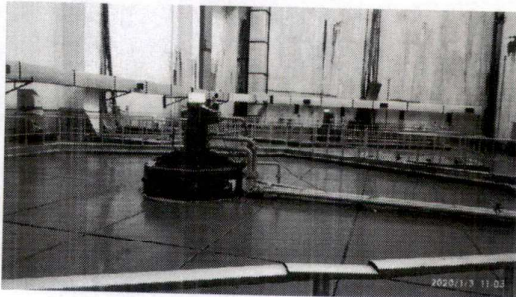
Finally heart felt gratitude to all our class mates for making this trip a memorable one.



Principal

REPORT ON INDUSTRIAL VISIT

We visited Nagarjuna sagar dam on 3rd January 2020. We started our journey at 6:15am from Ecil with all our classmates and faculty. We had our breakfast at 10:30 am near chintapally. After a journey of 1hour we reached Nagarjuna sagar left canal power generating station. we entered the power station with lot of excitement and to visualize the process of power generating. Junior engineer helped us to gain some knowledge about working and controllig of the Hydrel power station.



(These are the pictures of the alternator in power station)

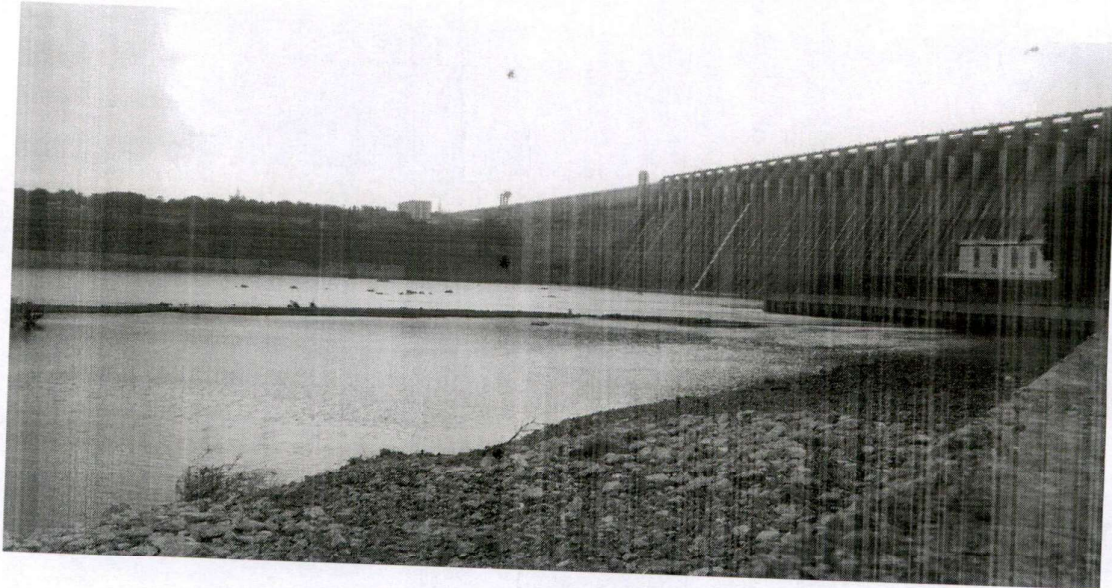
We had our lunch at 1:00 pm in Nagarjuna sagar guest house. From there ,we went Nagarjuna sagar dam around 2pm. We also saw 26 gates of the dam and felt the freshness of that atmosphere. We spent about 2 hours near the dam and clicked few photos. And boarded the bus around 4:30pm reached Hyderabad around 8pm.


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NAGARJUNA SAGAR DAM

Nagarjuna Sagar Dam is a masonry dam across the Krishna river at Nagarjuna Sagar which straddles the border between Guntur district, Andhra Pradesh and Nalgonda district, Telangana. Constructed between 1955 and 1967, the dam created a water reservoir with gross storage capacity of 11.472 billion cubic metres . The dam is 180 m tall from its deepest foundation and 1.6 km long with 26 flood gates which are 13 m wide and 14 m tall.

The dam has two canals, the left and right canals that supply water from the reservoir.



Left canal of hydro power plant

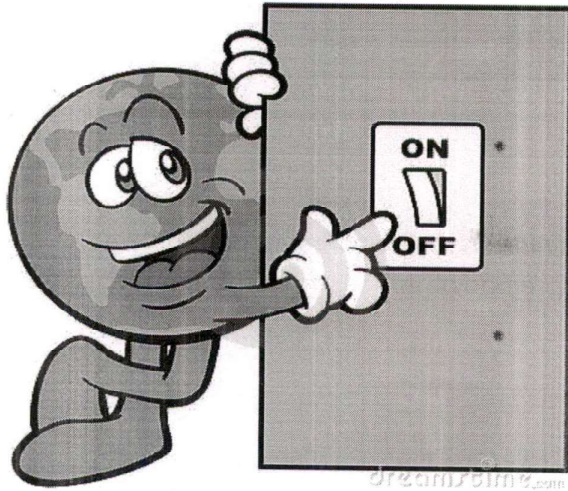
The left canal (Lalbahadur Shastri canal) is 179 km long with maximum 311.5 cumecs capacity and irrigates 1.008 million acres of land

Left canal: $2 \times 30 = 60\text{MW}$

M
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College of Engg. and Tech.
Narasara (M), Medchal Dist. (T.S.)-50

conclusion:

This trip had given us the practical vision of the power station . It helped us to understand how much hardwork is done to generate the power.so,it our responsibility to save power.....



PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheeryal (V), Keesara (M), Medchal Dist.(T.S.)-501 301.

DATE:18/9/2019

To,
The Principal,
Geethanjali College of Engineering and Technology,
Cheeryal (V), Keesara (M), Medchal (D).

SUBJECT: Permission for industrial visit to Variturn Electro Products(P)LTD ,Hyderabad on 25/9/19

Respected sir,

This is a request letter to seek your kind permission for industrial visit to Variturn Electro Products(P)LTD ,Hyderabad on 25/9/ for 2nd year EEE students.

Kindly grant the permission for the same and provide college transport.

Thanking you.

Yours faithfully,


Manjul Khare,

Assistant professor,

Geethanjali College of Engineering and Technology.

*forwarded to principal.
for kind approval
D. Reddy
20/9.*

*TO
Transport DEK
SHE
20/9*

PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheeryal (V), Keesara (M), Medchal Dist.(T.S.)-501 301.

Permission for industrial visit .

Aruna Bharathi <arunabharathi916@gmail.com>

Wed, Sep 18, 2019 at 1:39 PM

To: info@variturn.com, raghuPrasad@datalogcontrols.com, mvr@variturn.com

Cc: headdeegcet@gmail.com, manjul gupta <manjul.m.gupta@gmail.com>, RS Raju <raju.ceeri@gmail.com>

Respected Sir,

With reference to telephonic conversation with K.K.Raju garu, Managing Director I request your kind self to allow students of our institute, **Geethanjali College of engineering and Technology**, Keesara (M),Medchal (D) for industrial visit to your esteemed organization .

The students of 2nd year B tech are studying Network Analysis in their curriculum. The visit to Datalog controls- Variturn VEPL will be very helpful to the students. The total number of students are 100 in count.(List is attached) accompanied by five faculty members.

Thanking You with respectful regards

Dr. Aruna Bharathi.M
Professor in EEE Dept
Geethanjali College of Engineering and Technology
Cheeryal, Keesara (M), Medchal (Dist.)-501301
Mobile: + 91 9908325596
Email: arunabharathi916@gmail.com

 **gcet_variturn electro roll list 2 year.xlsx**
14K

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Geethanjali College of Engg. and Tech.
Cheeryal (V), Keesara (M), Medchal Dist.(T.S.)-501 301.



manjul gupta <manjul.m.gupta@gmail.com>

Permission for industrial visit .

INFO <info@variturn.com>

Mon, Sep 23, 2019 at 12:00 PM

To: Aruna Bharathi <arunabharathi916@gmail.com>, raghuprasad@datalogcontrols.com, mvr@variturn.com

Cc: headeegcet@gmail.com, manjul gupta <manjul.m.gupta@gmail.com>, RS Raju <raju.ceeri@gmail.com>

Dear Madam,

*Thank you for your mail,**As discussed over phone we hereby confirm your visit on Dt.25.09.2019**Thanking you and assuring you of our best quality products and prompt services at all times.**Thanks & Regards*Santosh Kumar N
Asst.Manager-Commercial**Variturn Electro Products (P) Ltd.,**

Plot No.196, Phase-II, IDA Cherlapally, Hyderabad-500 051, TELANGANA, INDIA I Mob: +91

9100949585 I Ph: +91 40 2726 1308 I Fax: +91 40 2726 1309 I GSTIN: 36AAACV6710B1ZR,

HSN CODE: 8533

E-Mail: santhosh@variturn.com I info@variturn.com I marketing@variturn.com I
info@variturndefence.com

www.variturn.com I www.variturndefence.com

Corporate Video link: <http://youtu.be/dTHgB80Ky9s>

Think before you print: Please consider our environment before printing this e-mail.

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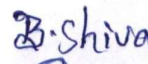
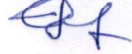




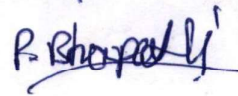


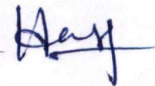






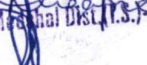
GEETHANJALI COLLEGE OF ENGINEERING & ENGINEERING					
Cheeryal (V), Keesara (M). Medchal Dist, TS 501 301					
Industrial Visit to Variturn Electro Products(P)LTD				25/9/2019	
S.NO	ROLL NO	STUDENT NAME	Signature	Signature	
	II year	2019-20 SEM-I			
		SECTION-A			
1	18R11A0201	AGALDUTY MANASA	Manasa		
2	18R11A0202	ARUTLA AKHIL	Akhil		
3	18R11A0203	BALLEM YASHWANTH KUMAR	Yashwanth		
4	18R11A0204	BANDARI KARTHIK	Karthik		
5	18R11A0205	BANOTH SAI KUMAR	Sai Kumar		
6	18R11A0206	BATTHULA SAI SARANYA	Sai Saranya		
7	18R11A0207	BATTU SRI RAM	Sri Ram		
8	18R11A0208	BILLA SAI DEEP	Sai Deep		
9	18R11A0209	BOKINALA SUSHEEL JEEVAN	Susheel		
10	18R11A0210	BUSHIGAMPALA SRAVANI GOUD	Sravani		
11	18R11A0211	BUSSA SWETHA	Swetha		
12	18R11A0212	C VENKATA SAUMYA	Venkata		
13	18R11A0213	CHALLA MAMATHA	Mamatha		
14	18R11A0214	CHIDURALA YUKTHA SAI	Yuktha		
15	18R11A0215	D SHRUTHI	Shruthi		
16	18R11A0216	EPPALA ARAVINDKUMAR	Aravind		
17	18R11A0217	ETTABOINA MEGHANA	Meghana		
18	18R11A0218	GAJULA MILLEENA	Milleena		
19	18R11A0219	GANDRA PAVAN KUMAR REDDY	Pavan		
20	18R11A0220	GARSERI BHAVANI	Bhavani		
21	18R11A0221	GOLI CHAKRADHAR REDDY	Chakradhar		
22	18R11A0222	GONE SANTHOSH KUMAR	Santhosh		
23	18R11A0223	GOPARAPU MANIKANTA	Manikanta		
24	18R11A0224	JAGILLAPURAM SATHISH KUMAR	Sathish		
25	18R11A0225	KALALI AJAY KUMAR	Ajay		
26	18R11A0226	KATTOJU MONESH BABU	Monesh		
27	18R11A0227	KOMMU MAHESH	Mahesh		
28	18R11A0228	KOMPELLY SAI KRISHNA	Sai Krishna		
29	18R11A0229	KONCHIGARI SETHUMADHAV	Sethumadhav		
30	18R11A0231	KOTIKALAPUDI MADHU KAILASH	Madhu		
31	18R11A0232	LAGUDU AKHILA	Akhila		
32	18R11A0233	MADAGONI SHIVA SAI	Shiva Sai		
33	18R11A0235	MEKALA SAI SURYA REDDY	Sai Surya		
34	18R11A0236	MERUGU GANESH	Ganesh		
35	18R11A0237	MORA VISHAL	Vishal		
36	18R11A0238	MUDIGONDA SAI KARTHIK	Sai Karthik		
37	18R11A0239	NANGANURI VINESH	Vinesh		
38	18R11A0241	NUTTAKKI SRUTHI KEERTHANA	Sruthi		
39	18R11A0242	OGURI NUMITHA DEVI	Numitha		
40	18R11A0243	PALLAVI CHINTALAPUDI	Pallavi		

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41	18R11A0244	PALLEPATI GURU PRIYA	Priya	
42	18R11A0245	RAGULAKOLLU RAGHU PRASHANTH	R.P.	
43	18R11A0246	RAJA TOMAR	Raja	
44	18R11A0247	RAMINENI MAHESH	Rami	
45	18R11A0248	S PARAMESH	S. Paramesh	
46	18R11A0249	SABBANI SAIKIRAN	S. Sai	
47	18R11A0251	V BHAGYASRI	V. B.	
48	18R11A0252	V MAHESH	V. Mahesh	
49	18R11A0253	VUPPALA SRIJA		
50	18R11A0254	YAGAMATI PRASANNA	Y. Prasanna	
51	17R11A0274			
52	18R11A0255	AARAPALLY SOWJANYA	Sowjanya	
53	18R11A0256	AKULA SANDEEP		
54	18R11A0257	BAVANDLAPELLI MANIKANTA	Mani	
55	18R11A0258	BHARATHVYAS KULAKARNI	B.K.	
56	18R11A0259	BHUKYA CHANDINI	Chand.	
57	18R11A0260	BHUKYA LAKSHMAN	Laksh.	
58	18R11A0261	BHUKYA PRAVEEN	Pra.	
59	18R11A0262	BODUKURIWAR SHIVA PRASAD	Shiva	
60	18R11A0263	BOGA SAI VENKATA SWAROCHISH	S. Venk.	
61	18R11A0264	BOLLAM PALSON	B. Palson	
62	18R11A0265	BOREDDY VIJAY BHASKAR REDDY	V. B.	
63	18R11A0267	CHINTHAKINDI SHIVA	Ch. Shiva	
64	18R11A0268	CHIRABOINA RAMESH YADAV	Ch. Ramesh	
65	18R11A0269	DASA PRANATHI	Pranathi	
66	18R11A0270	DASARI PRANITH	Pranith	
67	18R11A0271	DHEERAVATH DURGA PRASAD	D. Durga	
68	18R11A0272	DODDABOINA GAUTHAM	Gautham	
69	18R11A0273	ERIGI KEERTHANA	Keethana	
70	18R11A0274	G V S M ADITHYA	G. S. M.	
71	18R11A0275	GORRE BHAVYA	G. Bhavya	
72	18R11A0276	GUGULOTH RAJESHWARI BAI	G. Rajesh	
73	18R11A0277	GUGULOTH SUJATHA	G. Sujatha	
74	18R11A0278	JANNALA GADDA DATHA SAI NEERAJ	J. Neeraj	
75	18R11A0279	KAMPELLI KIRITI	K. Kiriti	
76	18R11A0280	KANURI YAMINI	K. Yamini	
77	18R11A0281	KATIKAM JAYASREE	K. Jayasree	
78	18R11A0282	KUMMARI SAIKUMAR	K. Saikumar	
79	18R11A0283	KURRA SNEHITHA	K. Snehitha	
80	18R11A0284	KUTIKANTI SAI DIVYA TEJA GOUD	K. Divya	
81	18R11A0285	MADASTU RAVINDAR	M. Ravindhar	
82	18R11A0286	MANDA ARJUN	M. Arjun	
83	18R11A0287	MATTA MADHU	M. Madhu	
84	18R11A0288	MEKA SRI CHANDANA	M. Chandana	
85	18R11A0290	MUNJALA PAVANKUMAR	M. Pavankumar	
86	18R11A0292	NALLAPARAJU VAMSHI KRISHNA	N. Vamshi	

87	18R11A0293	NARAHARISETTY VAMSI KRISHNA	Vamsi		
88	18R11A0294	NERALLA HEM SUMANTH	Hem		
89	18R11A0295	PALA VARUN KUMAR	Varun		
90	18R11A0296	PALLA VANI			
91	18R11A0297	PLISETTY SHEETHAL DAMAYANTHI			
92	18R11A0298	POLA RAVITEJA	P. Raviteja		
93	18R11A0299	PREMA RAHUL	Prema		
94	18R11A02A0	SAIKAM MOKSHA SAI TARUN	Moksha		
95	18R11A02A1	SHENIGARAM SHRUTHI	Shruthi		
96	18R11A02A2	VADTHYA VENKATESH			
97	18R11A02A3	VELLORE INDRANEEL			
98	18R11A02A5	YELLU SWETHA			
99	18R11A02A6	GADDAMEDDI CHANDRA LEKHA	chandra		

- 100 ~~B. Manish~~ 19R15A0206 B. Manish kumar 
- 101 19R15A0202 M. Mahendar 
- 102 19R15A0213 B. Shiva prasad B. Shiva 
- 103 19R15A0210 Fardeen ali 
- 104 19R15A0207 MD. Junaid 
- 105 19R15A0208 Ch. Rajesh 
- 106 19R15A0211 Rathan 
- 107 19R15A0212 Kiran 
- 108 19R15A0201 P. Bhoopathi P. Bhoopathi 
- 109 19R15A0209 Hakeef pasha 
- 110 19R15A0202 G. Prashanth 
- 111 19R15A0204 Md. Haseena 
- 112 19R15A0205 P. Deekshitha Goud 
- 113 19R15A0224 Y. Shailender Yadav 
- 114 17R11A0274 J. Avinash. 
- 115 19R15A0222 S. K. Thaslem. 
- 116 19R15A0223 P. Prem Kumar 
- 117 19R15A0221 G. Mahender prasad 
- 118 19R15A0218 K. Durgam 

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19R15A0015

M. Dewika

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19R15A0014

TB. Sugandhi

[Signature]

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2

101	19R15A0015	M. Dewika	<i>[Signature]</i>
102	19R15A0014	TB. Sugandhi	<i>[Signature]</i>
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GEETHANJALI COLLEGE OF ENGINEERING & ENGINEERING

Cheeryal (V), Keesara (M). Medchal Dist, TS 501 301

Industrial Visit to Variturn Electro Products(P)LTD 25/9/2019

S.NO	ROLL NO	STUDENT NAME	Signature	Signature
	II year	2019-20 SEM-I		
		SECTION-A		
1	18R11A0201	AGALDUTY MANASA	<i>Manasa</i>	
2	18R11A0202	ARUTLA AKHIL	<i>Akhil</i>	
3	18R11A0203	BALLEM YASHWANTH KUMAR	<i>Yashwanth</i>	
4	18R11A0204	BANDARI KARTHIK	<i>Karthik</i>	
5	18R11A0205	BANOTH SAI KUMAR	<i>Sai Kumar</i>	
6	18R11A0206	BATTHULA SAI SARANYA	<i>Saranya</i>	
7	18R11A0207	BATTU SRI RAM	<i>Sri Ram</i>	
8	18R11A0208	BILLA SAI DEEP	<i>Sai Deep</i>	
9	18R11A0209	BOKINALA SUSHEEL JEEVAN		
10	18R11A0210	BUSHIGAMPALA SRAVANI GOUD		
11	18R11A0211	BUSSA SWETHA	<i>Swetha</i>	
12	18R11A0212	C VENKATA SAUMYA	<i>Saumya</i>	
13	18R11A0213	CHALLA MAMATHA	<i>Mamatha</i>	
14	18R11A0214	CHIDURALA YUKTHA SAI		
15	18R11A0215	D SHRUTHI	<i>Shruthi</i>	
16	18R11A0216	EPPALA ARAVINDKUMAR	<i>Aravind</i>	
17	18R11A0217	ETTABOINA MEGHANA	<i>Meghana</i>	
18	18R11A0218	GAJULA MILLEENA	<i>Milleena</i>	
19	18R11A0219	GANDRA PAVAN KUMAR REDDY	<i>Pavan</i>	
20	18R11A0220	GARSERI BHAVANI	<i>Bhavani</i>	
21	18R11A0221	GOLI CHAKRADHAR REDDY	<i>Chakradhar</i>	
22	18R11A0222	GONE SANTHOSH KUMAR	<i>Santhosh</i>	
23	18R11A0223	GOPARAPU MANIKANTA	<i>Manikanta</i>	
24	18R11A0224	JAGILLAPURAM SATHISH KUMAR	<i>Sathish</i>	
25	18R11A0225	KALALI AJAY KUMAR	<i>Ajay</i>	
26	18R11A0226	KATTOJU MONESH BABU	<i>Monesh</i>	
27	18R11A0227	KOMMU MAHESH		
28	18R11A0228	KOMPELLE SAI KRISHNA	<i>Sai Krishna</i>	
29	18R11A0229	KONCHIGARI SETHUMADHAV	<i>Sethumadhav</i>	
30	18R11A0231	KOTIKALAPUDI MADHU KAILASH	<i>Madhu</i>	
31	18R11A0232	LAGUDU AKHILA		
32	18R11A0233	MADAGONI SHIVA SAI	<i>Shiva Sai</i>	
33	18R11A0235	MEKALA SAI SURYA REDDY	<i>Sai Surya</i>	
34	18R11A0236	MERUGU GANESH	<i>Ganesh</i>	
35	18R11A0237	MORA VISHAL	<i>Vishal</i>	
36	18R11A0238	MUDIGONDA SAI KARTHIK	<i>Sai Karthik</i>	
37	18R11A0239	NANGANURI VINESH	<i>Vinesh</i>	
38	18R11A0241	NUTTAKKI SRUTHI KEERTHANA	<i>Sruthi</i>	
39	18R11A0242	OGURI NUMITHA DEVI	<i>Numitha</i>	
40	18R11A0243	PALLAVI CHINTALAPUDI	<i>Pallavi</i>	


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 Cheeryal (V), Keesara (M), Medchal Dist.(T.S.)-501 301.

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46	18R11A0249	SABBANI SAIKIRAN	S. Sai	
47	18R11A0251	V BHAGYASRI	V. Bhagya	
48	18R11A0252	V MAHESH	V. Mahesh	
49	18R11A0253	VUPPALA SRIJA	Srija	
50	18R11A0254	YAGAMATI PRASANNA	Y. Prasanna	
51	17R11A0274			
52	18R11A0255	AARAPALLY SOWJANYA	A. Sowjanya	
53	18R11A0256	AKULA SANDEEP	A. Sandeep	
54	18R11A0257	BAVANDLAPELLI MANIKANTA		
55	18R11A0258	BHARATHVYAS KULAKARNI	B. V. Kulakarni	
56	18R11A0259	BHUKYA CHANDINI	B. Chandini	
57	18R11A0260	BHUKYA LAKSHMAN		
58	18R11A0261	BHUKYA PRAVEEN		
59	18R11A0262	BODUKURIWAR SHIVA PRASAD		
60	18R11A0263	BOGA SAI VENKATA SWAROCHISH		
61	18R11A0264	BOLLAM PALSON		
62	18R11A0265	BOREDDY VIJAY BHASKAR REDDY		
63	18R11A0267	CHINTHAKINDI SHIVA	Ch. Shiva	
64	18R11A0268	CHIRABOINA RAMESH YADAV		
65	18R11A0269	DASA PRANATHI	Pranathi	
66	18R11A0270	DASARI PRANITH		
67	18R11A0271	DHEERAVATH DURGA PRASAD		
68	18R11A0272	DODDABOINA GAUTHAM	Gautham	
69	18R11A0273	ERIGI KEERTHANA	Keerthana	
70	18R11A0274	G V S M ADITHYA		
71	18R11A0275	GORRE BHAVYA		
72	18R11A0276	GUGULOTH RAJESHWARI BAI	G. Rajeshwari	
73	18R11A0277	GUGULOTH SUJATHA	G. Sujatha	
74	18R11A0278	JANNALA GADDA DATHA SAI NEERAJ	J. Neeraj	
75	18R11A0279	KAMPELLI KIRITI		
76	18R11A0280	KANURI YAMINI	Yamini	
77	18R11A0281	KATIKAM JAYASREE	Jayasree	
78	18R11A0282	KUMMARI SAIKUMAR		
79	18R11A0283	KURRA SNEHITHA	Snehitha	
80	18R11A0284	KUTIKANTI SAI DIVYA TEJA GOUD		
81	18R11A0285	MADASTU RAVINDAR		
82	18R11A0286	MANDA ARJUN		
83	18R11A0287	MATTA MADHU		
84	18R11A0288	MEKA SRI CHANDANA		
85	18R11A0290	MUNJALA PAVANKUMAR		
86	18R11A0292	NALLAPARAJU VAMSHI KRISHNA	N. Vamshi	

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Cheeruvu (V), Anaparthi (M), Medchal District (S), Andhra Pradesh

87	18R11A0293	NARAHARISSETTY VAMSI KRISHNA		
88	18R11A0294	NERALLA HEM SUMANTH	<i>Suro</i>	
89	18R11A0295	PALA VARUN KUMAR	<i>Varun</i>	
90	18R11A0296	PALLA VANI	<i>Vani</i>	
91	18R11A0297	PLISETTY SHEETHAL DAMAYANTHI	<i>P. Sheethal</i>	
92	18R11A0298	POLA RAVITEJA		
93	18R11A0299	PREMA RAHUL		
94	18R11A02A0	SAIKAM MOKSHA SAI TARUN		
95	18R11A02A1	SHENIGARAM SHRUTHI	<i>Shruthi</i>	
96	18R11A02A2	VADTHYA VENKATESH	<i>Venka</i>	
97	18R11A02A3	VELLORE INDRANEEL	<i>Neel</i>	
98	18R11A02A5	YELLU SWETHA	<i>Swetha</i>	
99	18R11A02A6	GADDAMEDI CHANDRA LEKHA	<i>Chandana</i>	

100. 19R15A0206 B. Manish kumar *Manish*
101. 19R15A0213 B. Shiva prasad - *B. Shiva*
102. 19R15A0202 M. Mahendhar *mahendhar*
103. 19R15A0210 M.D. Fardeen ali *F. Ali*
104. 19R15A0207 M.D. Junaid *Junaid*
105. 19R15A0208 Ch. Rajesh *Rajesh*
106. 19R15A0211 Rathan *Rathan*
107. 19R15A0212 Kilan *Kilan*
108. 19R15A0201 P. Bhodpathi *P. Bhodpathi*
109. 19R15A0209 H. Haleel pasha *H. Haleel*
110. 19R15A0203 G. Prashanth *G. Prashanth*
111. 19R15A0204 Md Hakeena Nay *Nay*
112. 19R15A0205 P. Deekshitha Goud *P. Deekshitha Goud*
113. 19R15A0214 D. Sreethi *D. Sreethi*
114. 18R11A0274 J. Arinsh *J. Arinsh*
112. 19R15A0218 K. Durgaprasad *K. Durgaprasad*
- 19R15A0222 S.K. Thaslem *S.K. Thaslem*
- 19R15A0223 P. Prem Kumar *P. Prem Kumar*
- 19R15A0221 G. Mahendhar *G. Mahendhar*
- 19R15A0220 D. Sai babu *D. Sai babu*
- 19R15A0219 N. Vamsi *N. Vamsi*

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M. Devi ka
B. Sugandhi

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Buggu

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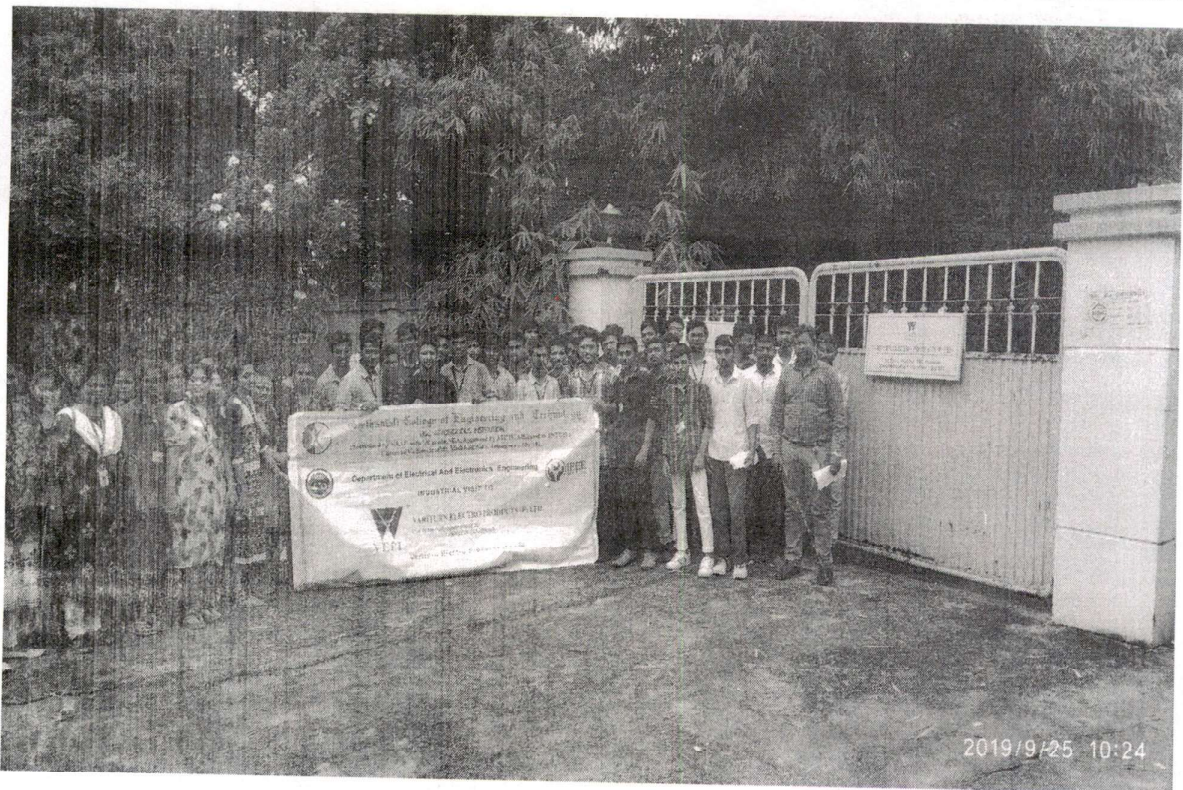
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117. 19R15A0210 T. Sugandhi
118. 19R15A0211 P. Sugandhi
119. 19R15A0212 D. Sugandhi
120. 19R15A0213 M. Devi ka

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Bengaluru College of Arts, Science & Commerce
Bengaluru
[Signature]
T. Sugandhi

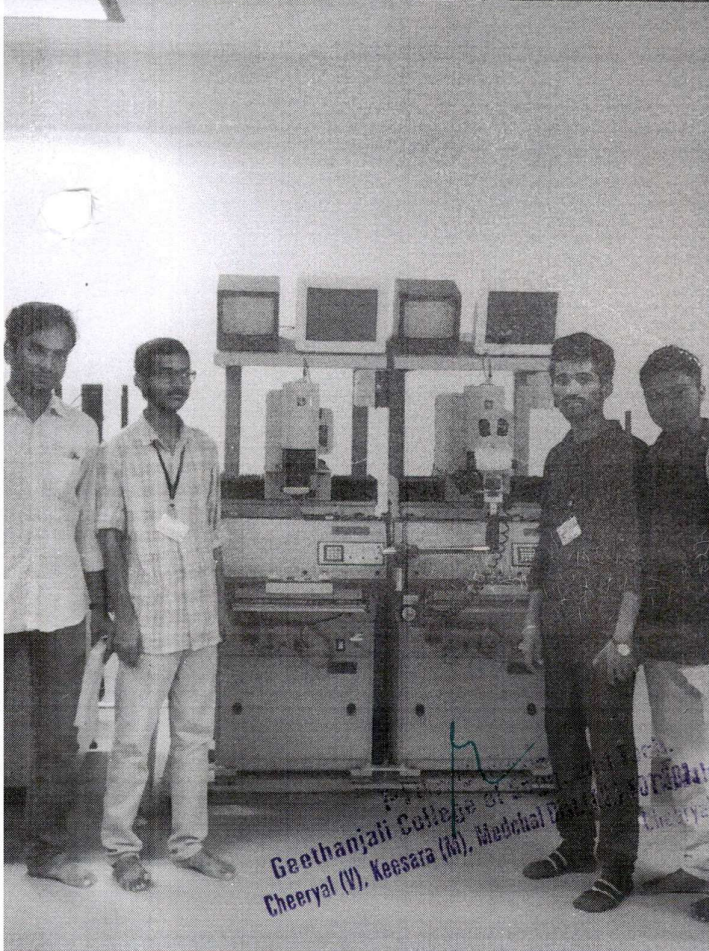
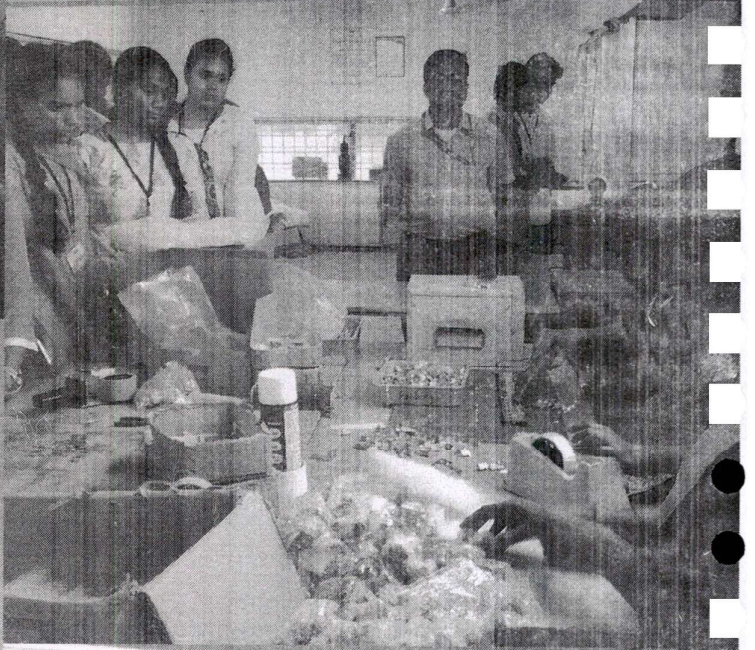


Industrial visit to VARITURN ELECTRO PVT LTD ON 25/9/2019

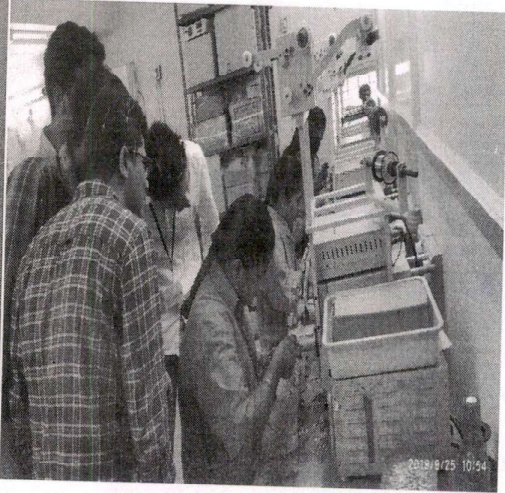

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Cheeryal





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Geethanjali College of Engineering & Technology



(An Autonomous Institution)

Approved by AICTE, Permanently Affiliated to JNTU, HYDERABAD.
Cheerl (V), Keesara (M), Medchal (D)-501301

2019 -2020

REPORT ON AN INDUSTRIAL VISIT TO VEPL

Variturn Electro Products Pvt Ltd (VEPL)

Name: SHAIK. THASLEEM [EEE 2ND YR]

ABOUT THE INDUSTRIAL VISIT OF VEPL :

We the students of EEE – 2nd Yr studying in Geethanjali college of Engineering & Technology were taken to an industrial visit to VEPL (Cherlapally) on 25th September, 2019 by college bus transport facility. We were accompanied by Dr. Aruna Bharathi, Dr. P. Anil, Dr. B. Madhuri and Mrs. Manjul Khare of EEE Department.

We started at around 9:15 A.M and reached the Industry at 9:45 A.M.



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Mission :

VEPL Committed to enhance Customer satisfaction by continually improving the process with a vision of expertise in the field of Wire Wound Resistors by incorporating proactive approach under the guidance of Ideal Leadership

ABOUT VEPL:

Variturn Electro Products Pvt Ltd (VEPL) was established in the year 1990 and specializes in manufacturing and supply of Wire Wound Resistors and Rheostats for Industrial, Defense, Energy Metering, Elevators and allied Engineering applications, Non Conventional Energy applications. The Company got Quality Assurance Certification from DGQA in 2001 and ISO 9001.

Quality Certification from RMTUV in Nov. 2003. VEPL Wire Wound Resistors approved with LCSO as per defense standards JSS 50402 and also with CACT and C-Dot for Telecom applications.

VEPL led by Mr. K.K. Raju, Managing Director & C.E.O. who is a technocrat with over 20 years of functional experience in the field of Electronics. Under his able Leadership, a team of people embedded with special Talents, Expertise, Vision, Drive and Commitment, have created and nurtured an outstanding talent in the company specialized in planning, Product Design and development, Production, Quality Control & Quality Assurance, Testing & Analysis, Techno Counseling and Customer relationship.

There were 3 different sections in the VEPL 1:Production of Resistor's ; 2: Manufacturing of Transistor's ; 3:Data Log Controls & Solutions. Each of these sections had their own priority in the company.

1:PRODUCTION OF RESISTORS.

First of all We had entered in to the first floor of the company which was the production of Resistors at around 9:50A.M and we saw the procedure for making of Resistors which were of different ratings (i.e;1k Ω ,10K Ω ,15W & different types of variable resistors known as Rheostats)in this section.

1st stage of Manufacturing Resistors (Structure for a Resistor)

- Ceramic rods were used for the structure(body) of a Resistor.
- Caplets were fixed by manually which were used as terminals of a Resistor.

2nd stage of Manufacturing Resistors (Winding a Resistor)

- The Resistance value depends on the number of turns of a thin cross sectional area wire wound across a Resistor by using CNC Machine.


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Chennai - 600 089, Madhav Road (T.S.)-501 301.



- This machine helps in SPOT winding the Resistor terminals.
- There is also a chance of winding the Resistor by using the Hand Wiring Machine.
- The wire which was used may be Thicker or Slender(Thin) cross sectional area.
- The number of turns were programmed in a CNC machine according to the Resistance Value what we require.

3rd stage of Manufacturing Resistors (Testing a Resistor)

- The Resistance value is checked after the winding process was done by using an Ohm-meter or by the usage of Calibration Machine whether it has reached the customer's satisfaction or not.



- Tolerance value is also checked at this stage only .
- If any problem is found over of an Resistor then it is sent back for re-winding process.
- This stage helps us to find the error in an Resistor before of it's usage or Production in an Lumpsum(L.S) amount.

4th stage of Resistor Manufacturing (Coating over Resistor)

- The Resistors were dipped in an Fluid that gets coated over the Resistor layer.
- Then after the Resistors were kept in an liquid closed tank were UltraSonic Cleaning process is used to remove the layers of Fluid that got coated over the Caplets of a Resistor.
- After all the above process the Resistors were grouped and kept in an Oven where is the Time is set to be nearly 3hrs(180min).For better Varnishing of Resistor layer.

- After that the Resistors were grouped in 10-15 number of resistors and the caplets of the Resistors were dipped in a Zinc Chloride Solution ($ZnCl_2$) at $444^\circ C$ for better Soldering results in Future for the customer services.
- Then after the Resistors were wounded with an metallic layer for the protection and labelling details of the Resistor.
- Then the Resistor gap layer is filled with Filling sand and it was fixed by using Silica Gel liquid.



5th stage of Resistor Manufacturing (Final Testing)

- The Resistors were placed in a row then they were shorted by using an Anode ; If Sparks were produced then the Resistor is not fit for the consumer and then it was sent back to Recycling Unit.



- Whenever Anode touches the Resistor then the buzzer of the Anode should produce Noise which represents that it was perfect.
 - The Leads (Caplets) were rubbed thoroughly to erase the rough surface over a Lead.
- The Packing was done in Batches. One Batch for a Week. 40 Millions of Units were produced over an ANNUM (Year).

Manufacturing of Converters ; Importance of Heat Sink & Filters.

- The Input AC signal is converted to a DC signal whose range varies from (180V-260V) by means of a Rectifier circuit and then it is converted in to a variable Dc signal ranges from 25V-26V.
- 3-Phase AC signal to DC signal converter is same as the above mentioned process but the variation is of about 3-phase supply.

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- In the above mentioned converters the Heat sink is used to dissipate the Heat ; so that the converter circuit may not be damaged due to Heating effect.
- Filters were also used to reduce the Harmonics in a Rectified DC output signal whether any AC signal compound is present in the output of an Rectifier circuit.
- These above Equipments were used in the Ultrasonics of a Submarine or a Battleship; which were present beneath the Water.

2:Manufacturing of Transistors.

- For MPMC (MICROPROCESSORS & MICROCONTROLLERS) Gold is used to manufacture them;Because it is a Good Conductor of Electricity.



- But for Transistor Alluminium is used as a Basic component for manufacturing it.
- At here TO-220MOSFET Transistors were manufactured.
- For making a Transistor the combination of P-N junction Diodes were required.



- The Transistors are moulded together in a shape of a CD & Bonded together.
- For testing the TO-220MOSFET Transistor Automatic Transistor checker is used whose code was dumped in to it according to the requirement of type of Transistor that we want to Manufacture and this machine belongs to TESEC Corporation.

3:Data Log Controls&Solutions.

- At this section Converters and Cell Boosters were designed .
- AC to DC converter circuit were designed which took only 3 days to manufacture the complete circuit for them ; which is nothing but the UPS(Uninterrupted Power Supply)in a Home.

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Cheruvu, (S), Keesara (M), Medak Dist.(T.S.)-501 301.

- Cell Booster circuit also took 3 days to manufacture for them ; which helps in Charging of high rating Lead Acid Batteries used in Inverter of Homes.
- The Battery Charging circuit is of rating 15V/50A.
- As we connected load to the circuit we should set the rating of the battery that we are going to Charge and then we should observe whether the Current(A) decreases as the Voltage (V) increases with respect to Time.

The Visit was completed around 12:15P.M; and we started return back journey to the college at 12:30P.M and reached the College at 1:00P.M.....

---THE END---


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Cheeryal (V), Raesara (M), Medchal Dist.(T.S.)-501 301.

DATE:13/9/2019

To,
The Principal,
Geethanjali College of Engineering and Technology,
Cheeryal (V), Keesara (M), Medchal (D).

SUBJECT:Request to grant permission for industrial visit to NFC ,Hyderabad on 19/9/19 and 20/9/19.

Respected sir,

This is a request letter to seek your kind permission for industrial visit to Nuclear Fuel Cooperation (NFC),Hyderabad on 19/9/19 and 20/9/19 for 3RD year EEE students.

Kindly grant the permission for the same and provide college transport.

The confirmation letter from NFC is attached herewith.

Thanking you.

Yours faithfully,



Manjul Khare,

Assistant professor,

Geethanjali College of Engineering and Technology.

*forwarded to principal
for kind approval*

W. K. Khare

OK, please go ahead

*To
Transport Dept*

9/14/19

PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheeryal (V), Keesara (M), Medchal Dist (T.S.)-501 301.

Fwd: Permission for Industrial Visit - Reg

Radhika Dora <headeeegcet@gmail.com>
To: manjul.m.gupta@gmail.com

Wed, Jul 24, 2019 at 11:06 AM

----- Forwarded message -----

From: **Radhika Dora** <headeeegcet@gmail.com>
Date: Wed, Jul 24, 2019 at 11:06 AM
Subject: Permission for Industrial Visit - Reg
To: <cenfc@nfc.gov.in>

Respected Sir,

I, the undersigned request your kind self to allow students of our institute, Geethanjali College of Engineering and Technology, Keesara(M), Medchal (D) for an industrial visit to your esteemed organization.

Kindly grant us permission for the visit.

The request letter from the college is attached herewith for your kind reference.

--
Regards,

Dr. Radhika Dora
Professor and HoD
Dept. of EEE
Geethanjali College of Engineering and Technology

--
Regards,

Dr. Radhika Dora
Professor and HoD
Dept. of EEE
Geethanjali College of Engineering and Technology



nfc letter to cenfc.jpg
447K

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Geethanjali

Phone : 9182058186
Website: www.geethanjaliinstitutions.com
info@gcet.edu.in

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(Accredited by NBA, Approved by AICTE, New Delhi)
Sy.No. 33 & 34, Cheeryal (V), Keesara (M), Medchal District. - 501 301.

Cheeryal,
D: 24/07/2019

To
Dr. Dinesh Srivastava,
Chief Executive,
Nuclear Fuel Complex,
ECIL-POST,
Hyderabad-62

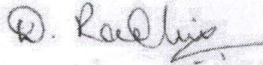
Respected Sir/Madam,

I, the undersigned request your kind self to allow students of our institute, **Geethanjali College of engineering and Technology**, Cheeryal (V), Keesara (M), Medchal (D) for industrial visit to your esteemed organization .

The students of 3rd year B tech are studying Nuclear Power station in their curriculum. The visit to NFC will prove to be very helpful to the students. The students are total 140 in count.

Our last visit to NFC had wonderful experience. Hope to have the same this year as well. So kindly grant us permission for the visit. If possible kindly allow us to visit in the first week of August, or any other dates at your convenience

Thanking You,


Dr. Radhika Dora, 24/7/19
Professor and HOD,
Department of EEE,
Geethanjali College of Engineering and Technology
Cheeryal,
Hyderabad - 501301.

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Sponsored by **TEJA EDUCATIONAL SOCIETY, HYDERABAD**
Office : Sy. No. 33 & 34, Cheeryal (V), Keesara (M), Medchal Dist. - 501 301.
Phones : 9182058196, 9182058198



manjul gupta <manjul.m.gupta@gmail.com>

Re : Confirmation of Industrial Visit to NFC

vvkumar, vvkumar <vvkumar@nfc.gov.in>

Fri, Sep 6, 2019 at 11:53 AM

To: manjul.m.gupta@gmail.com

Cc: H R RAVINDRA <ravindra@nfc.gov.in>, JAWAD RASHEED <jawad@nfc.gov.in>, G Venkata Ramana <pro@nfc.gov.in>, HRD Office <hrd@nfc.gov.in>

To,
The Principal
Geethanjali College of Engineering & Technology
Keesar
Medchal District - 501 301

Dear Madam,

Greetings from HRD Division, Nuclear Fuel Complex.

With reference to your request letter Dt. 03/09/2019, we are pleased to inform you that your Industrial visit

to NFC is confirmed for 2 Days on **19/09/2019 & 20/09/2019**.The timings are from **9.30 - 16.30 hrs.**

You are requested to come in time.

Please note:

The security clearance will take a minimum time of 30 - 40 mts.

Electronic Items like Laptops, Mobile Phones, Cameras and Pen Drives are **Not allowed** inside NFC.All the students must bring their **ID Cards** with them.Faculty members must bring ID Proof - **Aadhaar Card** etc.

Send us the list with names of students & accompanying faculty for 2 Days, separately.

Please send all the details & Bus Number to Sri G. Venkataramana, PRO,NFC. email: **pro@nfc.gov.in** with a copy to **hrd@nfc.gov.in**

Tel : 27183888 / 27184888

Regards,

V. Vijaya Kumar,
Addl. Manager, HRDD
NFC

Tel : 040 - 27183240 or 27184958 (O), e-mail: vvkumar@nfc.gov.in

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GEETHANJALI COLLEGE OF ENGINEERING & ENGINEERING

Cheeryal (V), Keesara (M). Medchal Dist, TS 501 301

Industrial Visit to NFC


19/9/2019

S.NO	ROLL NO	STUDENT NAME	Signature	Signature
	3-I-A	2019-20 SEM-I		
		SECTION-A		
1	16R11A0229	KARRA SATISH ✓	K. Satish	
2	17R11A0201	ARUTLA VENKAT KAUSHIK ✓	Arutla Venkat Kaushik	
3	17R11A0202	B SAI PRIYA ✓	B Sai Priya	
4	17R11A0203	BOLLEDLA SRAVANI ✓	Bolledla Sravani	
5	17R11A0204	CHALAMALASETI DIVYA ✓	Divya	
6	17R11A0205	CHENCHARAPU SRIDHAR REDDY ✓	Chencharapu Sridhar Reddy	
7	17R11A0206	CHINTADA YOGESH RAM ✓	Chintada Yogesh Ram	
8	17R11A0207	DARBHA V KRISHNA CHAITANYA ✓	Darbha V Krishna Chaitanya	
9	17R11A0208	DASARI NIKITHA ✓	Dasari Nikitha	
10	17R11A0209	DASARI SACHIN ✓	Dasari Sachin	
11	17R11A0210	DATRIK JAYANTH ✓	Datrik Jayanth	
12	17R11A0211	EAGA GIRIDHAR ✓	Eaga Giridhar	
13	17R11A0212	EDUNURI SHIRISHA		
14	17R11A0213	ELIPAY AKHILA ✓	Elipaya Akhila	
15	17R11A0214	ELPULA SAKETH RAJ ✓	Elpula Saketh Raj	
16	17R11A0215	GAJULA VINAY KUMAR ✓	Gajula Vinay Kumar	
17	17R11A0217	PRASHANTH KUMAR GIRLAPALLI ✓	Prashanth Kumar Girlapalli	
18	17R11A0218	GOSHIKA ABHILASH ✓	Goshika Abhilash	
19	17R11A0219	GUNDA SAMAJESWARI ✓	Gunda Samaja	
20	17R11A0220	J BHAVANA ✓	J Bhavana	
21	17R11A0221	JARAPLA CHAITANYA PAWAR ✓	Jarapla Chaitanya Pawar	
22	17R11A0222	JAVVADULA PHANI KUMAR ✓	Javvadula Phani Kumar	
23	17R11A0223	JOSHI AKSHAY ✓	Joshi Akshay	
24	17R11A0224	KAMMARI VISHWATEJA ✓	Kammari Vishwateja	
25	17R11A0225	KANTHA SANGHAVI ✓	Kantha Sanghavi	
26	17R11A0226	KATAKAM BRAHMAM ✓	K. Brahman	
27	17R11A0227	KATRAVATH MAHESHWARI ✓	Mahesh Maheshwari	
28	17R11A0228	KONDABATHINI HARSHAVARDHAN ✓	K. Harsha	K. Harsha
29	17R11A0229	KORRA NAGESH ✓	K. Nagesh	
30	17R11A0230	KOTTAPALLI SAI SANJANA ✓	Sai Sanjana	
31	17R11A0231	MARIMGANTI LAXMI RAJA VARUN NARSING ✓	Varun	
32	17R11A0232	M PRAVALIKA YADAV ✓	PRAVALIKA	
33	17R11A0233	M SRI SAI MANOHAR		
34	17R11A0234	M UMAMAHESHWARI ✓	Maheshwari	M. Umesh
35	17R11A0236	MAMILLAPALLI SHIVASAI RAM ✓	Shivasai Ram	
36	17R11A0237	MOPARTHI SAI AKHIL KUMAR ✓		
37	17R11A0238	MOTUPALLI VISHNU SOMESH ✓	Vishnu	
38	17R11A0239	N RAVI KUMAR ✓	N. Ravi Kumar	
39	17R11A0240	NAGANNAGARI KRISHNA REDDY ✓	N. Krishna	
40	17R11A0241	NEELA SWETHA ✓	Swetha	

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41	17R11A0242	ORUGANTI MAHESWARI	✓	✓	
42	17R11A0243	P SRI SAI PRUTHVI	✓	✓	
43	17R11A0244	PENTABOINA PRAKASH	✓	✓	
44	17R11A0245	RUDRARAJU ADITYA	✓	✓	
45	17R11A0247	SOMU DIVYA	✓	✓	
46	17R11A0248	SRI BHARGAV PERNAPATI	✓	✓	
47	17R11A0249	TALLA ROHIT	✓	✓	
48	17R11A0250	THOKA UPENDRA BABU	✓	✓	
49	17R11A0251	V N SANJAY	✓	✓	
50	17R11A0252	VARKALA PARSHURAM REDDY	✓	✓	
51	17R11A0253	VUMMALREDDY PREETHI REDDY	✓	✓	
52	17R11A0254	YARAMALA SUVARNA	✓	✓	
53	17R11A0255	YARABADI SWATHI	✓	✓	
54	17R11A0256	DONKENI BHARATH GOUD	✓	✓	
55	18R15A0201	DEVARAKONDA TEJASREE	✓	✓	
56	18R15A0202	M D CHAND BASHA	✓	✓	
57	18R15A0203	GOURISHETTY VARAPRASAD	✓	✓	
58	18R15A0204	DONTHIRI BHARATH REDDY	✓	✓	
59	18R15A0205	BOLLEDLA SRIVATHSAV REDDY	✓	✓	
60	18R15A0206	MOHAMMAD ZUBER	✓	✓	
61	18R15A0207	KANDUKURI VIKAS	✓	✓	
62	18R15A0208	BATHINI VINAY KUMAR	✓	✓	
63	18R15A0209	VARSA JAYANTHI	✓	✓	
64	18R15A0210	MAHANKALI HARSHAVARDHAN	✓	✓	
65	18R15A0211	THELLA MANOJ	✓	✓	
66	18R15A0212	KOLLOJU SWETHA	✓	✓	
67	18R15A0213	YANGALA THIRUPATHAMMA	✓	✓	
68	18R15A0214	KAITHA SHIVA SAINATH REDDY	✓	✓	
		Name of the Faculty			
	1	Dr D Radhika	✓	✓	
	2	Manjul Khare	✓	✓	
	3	K Nagaraju	✓	✓	
	4	M Gouse Basha	✓	✓	
	17R11A0235	M. Vyshnavi	✓	✓	
	17R11A0246	P. Shraddha	✓	✓	


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 19/9/19
वी. विजय कुमार V. VIJAYA KUMAR
 अपर प्रबंधक, एचआरडी Add. Manager, HRD
 भारत सरकार Government of India
 परमाणु ऊर्जा विभाग Department of Atomic Energy
 नाभिकीय ईंधन सम्मिश्र Nuclear Fuel Complex
 हैदराबाद Hyderabad-500 062.

GEETHANJALI COLLEGE OF ENGINEERING & ENGINEERING					
Cheeryal (V), Keesara (M). Medchal Dist, TS 501 301					
Industrial Visit to NFC				20/9/2019	
S.NO	ROLL NO	STUDENT NAME	Signature	Signature	
	3-I-B	2019-20 SEM-I			
		SECTION-A			
1	16R11A0279	JYOTHI DIVYA	<i>[Signature]</i>		
2	17R11A0257	ADERLA CHANDRA TEJA	<i>[Signature]</i>	<i>[Signature]</i>	
3	17R11A0258	AMBATI SAI DINESH GOUD	<i>[Signature]</i>	<i>[Signature]</i>	
4	17R11A0259	ANUGU PREETHI	<i>[Signature]</i>		
5	17R11A0261	BACHALI VAMSHI	<i>[Signature]</i>	<i>[Signature]</i>	
6	17R11A0262	BANDI DIVYA SREE	<i>[Signature]</i>		
7	17R11A0264	BELDHE RITHISH KUMAR	<i>[Signature]</i>	<i>[Signature]</i>	
8	17R11A0265	BHUKYA AVINASH BHAVSINGH NAIK	<i>[Signature]</i>	<i>[Signature]</i>	
9	17R11A0266	D SAI VINEETH REDDY	<i>[Signature]</i>	<i>[Signature]</i>	
10	17R11A0267	G HIMA BINDU			
11	17R11A0268	GILAKATHULA SAI VIKAS	<i>[Signature]</i>	<i>[Signature]</i>	
12	17R11A0270	GONE AKSHAY REDDY	<i>[Signature]</i>	<i>[Signature]</i>	
13	17R11A0271	GUNJA ABHISHEK	<i>[Signature]</i>	<i>[Signature]</i>	
14	17R11A0272	INUGANTI RAVI TEJA	<i>[Signature]</i>	<i>[Signature]</i>	
15	17R11A0273	J PAVANI	<i>[Signature]</i>		
16	17R11A0275	JANAMANCHI LAKSHMI PRANEETHA	<i>[Signature]</i>		
17	17R11A0276	KALAM BINDU	<i>[Signature]</i>		
18	17R11A0277	KANNEGULLA SAI LIKHITHA	<i>[Signature]</i>		
19	17R11A0278	KARANGULA SAISHARATH	<i>[Signature]</i>	<i>[Signature]</i>	
20	17R11A0279	KUMBAM SAI SRI HARSHA	<i>[Signature]</i>	<i>[Signature]</i>	
21	17R11A0280	MALLAM SAI KUMAR	<i>[Signature]</i>	<i>[Signature]</i>	
22	17R11A0283	NARIGEY POOJA	<i>[Signature]</i>		
23	17R11A0284	NEELAM TARUN	<i>[Signature]</i>	<i>[Signature]</i>	
24	17R11A0286	PONAGANTI VENKATA RAMANA	<i>[Signature]</i>	<i>[Signature]</i>	
25	17R11A0287	PALLE TEJASWINI			
26	17R11A0288	PERAM RUCHITA SAI	<i>[Signature]</i>		
27	17R11A0289	PILLALAMARRI UDAY SAI	<i>[Signature]</i>	<i>[Signature]</i>	
28	17R11A0290	POCHANA SUREKHA	<i>[Signature]</i>		
29	17R11A0291	PULIGILLA RAMYA KRISHNA	<i>[Signature]</i>		
30	17R11A0292	PULUSU RAGHU	<i>[Signature]</i>	<i>[Signature]</i>	
31	17R11A0293	R GANESH	<i>[Signature]</i>	<i>[Signature]</i>	
32	17R11A0294	RAHUL KUMAR	<i>[Signature]</i>	<i>[Signature]</i>	
33	17R11A0295	RANGU RITHIKA	<i>[Signature]</i>		
34	17R11A0296	SAKINALA SNEHA SRI	<i>[Signature]</i>		
35	17R11A0297	SANGA AVISHKAAR	<i>[Signature]</i>	<i>[Signature]</i>	
36	17R11A0298	SEESA SHIVA PRASAD	<i>[Signature]</i>	<i>[Signature]</i>	
37	17R11A0299	SHAIK RIYAZ	<i>[Signature]</i>	<i>[Signature]</i>	
38	17R11A02A0	SUSARLA BHAVANA GAYATHRI	<i>[Signature]</i>		
39	17R11A02A1	TIMMAPURAM SINDHU BHARGAVI	<i>[Signature]</i>		
40	17R11A02A2	TADI LAVANYA	<i>[Signature]</i>		

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 Cheeryal (V), Keesara (M), Medchal Dist.(T.S.)-501 301.

41	17R11A02A3	TENNETI SAI PRASHANTH	TSPS	TSPS
42	17R11A02A4	U JEEVAN	U. Jeevan	U. Jeevan
43	17R11A02A5	VADTHYA ARUN	V. Arun	V. Arun
44	17R11A02A6	VAIBHAV JAISWAL	Vaibhav	Vaibhav
45	17R11A02A7	VEMURI MADHURI	Vemuri	Vemuri
46	17R11A02A8	YEDULLA NIKHIL KUMAR	Yedulla	Yedulla
47	17R15A0203	KUNAMALLA NAGALAXMI	Kunamalla	Kunamalla
48	17R15A0224	KASANI SAI PRAKASH	Kasani	Kasani
49	18R15A0215	DHEERAVATH SAI RAM		
50	18R15A0216	DEEWAKER B CHEERA	Deewaker	Deewaker
51	18R15A0217	BANOTH KALYAN	Banoth	Banoth
52	18R15A0218	THATIPELLI ADHIVARAHA	Thatipelli	Thatipelli
53	18R15A0219	NAMASIVAYA GARI SAI VIKAS	Namasivaya	Namasivaya
54	18R15A0220	C SUMANTH.	C Sumanth	C Sumanth
55	18R15A0221	RALLABANDI SRIDHAR		
56	18R15A0222	MALYALA SPANDANA	Malyala	Malyala
57	18R15A0223	AAKARAPU NAVEEN KUMAR	Aakarapu	Aakarapu
58	18R15A0224	KUKUDALA MANIVARDHAN REDDY	Kukudala	Kukudala
59	18R15A0225	VANAMOJU MURALIDHAR	Vanamoju	Vanamoju
60	18R15A0226	ILLA NIKESH	Illa	Illa
61	18R15A0227	TUMMALAPALLI BHAVYA		
62	18R15A0228	PENTU PRAVEENA	P. Praveena	P. Praveena
63	18R15A0229	RAMCHETTI SRUJAN	Ramchetti	Ramchetti
64	18R15A0230	GAJBINKAR SUSHEEL KUMAR	Gajbinkar	Gajbinkar
65	18R15A0231	JANGILI RAKESH	Jangili	Jangili
66	18R15A0232	POTHULA SAI SREENIVAS	Pothula	Pothula
67	18R15A0233	GADDAM JASHVA	Gaddam	Gaddam
68	18R15A0234	KESHAPALLY VINEETH REDDY		
69	17R11A0235	M VYSHNAVI		
70	17R11A0246	PATANGE SHRADDHA	Patange	Patange
		Name of the Faculty		
	1	V Padmaja	V Padmaja	V Padmaja
	2	A Raghu raam chandra	A Raghu raam chandra	A Raghu raam chandra
	3	B Sowjanya	B Sowjanya	B Sowjanya
	4	Dr. Harini	Dr. Harini	Dr. Harini

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68
+ 52
+ 5
+ 1
+ 67

III EEE(SECTION A) VISIT TO NFC ON 19/9/2019



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III EEE(SECTION B) VISIT TO NFC ON 20/9/2019



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A Report on Industrial visit to Nuclear Fuel Complex

Report by M Vyshnavi

EEE 3 A

17R11A0235

mssvysh@gmail.com

The students of 3rd year of EEE department of Geethanjali college of engineering and technology have been taken to NFC for industrial visit on 19th of September. They were accompanied by HOD DR. Radhika Dora, Mrs. Manjul K hare, Mr Nagaraju and ,Mr M Gouse Basha

Upon arrival there was strict security check after which students were taken inside NFC

First a video was shown explaining about the achievements of NFC and need for development of nuclear energy production in India. Then Vijay Kumar sir (additional manager of HRD) explained to us in person about nuclear fuel bundles.

Next we went to the uranium plant that is the Central Control Room, NuOF8. A. Satya Srinivasa Sir (Additional Manager of Zirconium and Uranium Plant) explained us the process of making Uranium. Sir has showed and explained us the seven stages in the process of uranium from the starting stage of raw material till its final stage. At last the uranium oxide ceramic is formed into pellets and then inserted into zirconium alloy tubes and are bundled together.

Next we have visited to the zirconium plant. Vijay Kumar Sir, resistant to corrosion by alkalis, acids, salt water and other agents. Additional manager of HRD had explained us the process of Zirconium. Sir has explained about deformation, which is included in the making of Zirconium tubes. Zirconium is a lustrous, greyish-white, soft, ductile, malleable metal that is solid at room temperature, though it is hard and brittle at lesser purities. In powder form, zirconium is highly flammable, but the solid form is much less prone to ignition.


At last we went to the Ceramic fuel fabrication plant where the final capping and end cap welding is done using automatic end plate welding machine.

MISSION:

NFC mission was "To Strive towards continually improve Quality, Environmental and Occupational Health & Safety performance through technological & administrative measures and by enhancing awareness among employees".

VISION:

NFC vision was "To contribute towards India's self-reliance endeavour in nuclear fuels fabrication and to accelerate India's three stage nuclear power program for sustainable and clean energy with continued commitment in our march to excellence


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Approved by AICTE, Permanently Affiliated to JNTU, HYDERABAD.

Cheeryal (V), Keesara (M), Medchal (D)-501301

2019 -2020

REPORT ON AN INDUSTRIAL VISIT TO NFC

NUCLEAR FUEL COMPLEX (NFC)

Name: B.SAI PRIYA [EEE 3RD YR]

ABOUT THE INDUSTRIAL VISIT OF NFC :

We the students of EEE – 3rd Yr studying in Geethanjali college of Engineering & Technology were been taken to an industrial visit to NFC (hyd.) on 19th September, 2019 by college bus transport facility. Headed and acknowledged by Dr.Radhika Dora(HOD of EEE Dept.) GCET, , Mrs.Manjul Khare and Mr.Nagaraju faculty of EEE Department.

MISSION:

NFC mission was “To Strive towards continually improve Quality, Environmental and Occupational Health & Safety performance through technological & administrative measures and by enhancing awareness among employees”.

VISION:

NFC vision was “To contribute towards India’s self reliance endeavor in nuclear fuels fabrication and to accelerate India’s three stage nuclear power program for sustainable and clean energy with continued commitment in our march to excellence.”

REPORT:

In 1971, the Nuclear Fuel Complex (NFC), an industrial unit of the Department of Atomic Energy (DAE), was established in Hyderabad to supply nuclear fuel and reactor core components for India's entire nuclear program. First we have visited the laboratory tube plant and got to know about the overview of supply of nuclear fuel bundles and reactor core components. Next we went to the uranium plant that is the Central Control Room, Nu0F8. A.Satya Srinivasa Sir (Additional Manager of Zirconium and Uranium Plant) has explained us the process of making Uranium .Sir has showed and explained us the seven stages in the process of uranium from the starting stage of raw material till its final stage . At last the uranium oxide ceramic is formed into pellets and then inserted into zirconium alloy tubes and are bundled together.

Next we have visited to the zirconium plant. Vijay Kumar Sir , Additional manager of HRD had explained us the process of Zirconium . Sir has explained about deformation, which is included


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in the making of Zirconium tubes . Zirconium is a lustrous, greyish-white, soft, ductile, malleable metal that is solid at room temperature, though it is hard and brittle at lesser purities. In powder form, zirconium is highly flammable, but the solid form is much less prone to ignition. Zirconium is highly resistant to corrosion by alkalis, acids, salt water and other agents.

At last we went to the Ceramic fuel fabrication plant where the final capping and end cap welding is done using automatic end plate welding machine.

Development areas of NFC :

- Nuclear Fuel Complex supplies zircaloy clad uranium oxide fuel assemblies and zirconium alloy structural components for all 14 operating atomic power reactors in India.
- The Hyderabad plant has a capacity to produce 250 tons of UO_2 per year and is expected to expanded to 600 tons per year capacity.
- NFC products are supplied to the Department of Atomic Energy, the Indian Navy, Hindustan Aeronautics Limited and other defense organizations, as well as chemical, fertilizer, and ball bearing industries.
- NFC is planning to establish two major fuel fabrication facilities to meet the expected jump in nuclear power production.

NFC strongly believes that "The quality of an organization can never exceed the quality of the minds that make it up"


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THANK YOU


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Geethanjali College of Engineering and Technology

Cheeryal(V), Keesara (M), Medchal.Dist. – 501301

Department of Civil Engineering

INDUSTRIAL VISITS

(2019-2020)

Department	Year/Sem.	Date and duration	Names of places and industries visited	Faculty members accompanied	Whether tour report submitted
Civil	II-II	03/01/2020 (1 day)	NATIONAL ACADEMY OF CONSTRUCTION, HITECH CITY, Hyderabad.	G.Raju, D.Kishore Babu, M.Srujan kumar, Dr.N.Mahendra, P.Supriya, D.Divya Vani	Yes
Civil	II-II	12/02/2020 (1 day)	GEOLOGICAL SURVEY OF INDIA, Bandlaguda, Nagole, Hyderabad.	Dr.N.Mahendra, D.Divya Vani, K.Divya, V.Goutham	Yes
Civil	III-II	22/02/2020 & 23/02/2020 (2 days)	KALESHWARAM LIFT IRRIGATION Project sites	V.Goutham, D.Ramachander, G.Raju, P.Supriya	Yes

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HOD/CE

Geethanjali College of Engineering and Technology
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Department of Civil Engineering

Date: 02 Jan' 2020

Note submitted to the Principal:

A Field visit to 'NAC (National Academy of Construction) at Hi-tech city, Izzath Nagar, Hyderabad,' for B. Tech II-Year I-Semester Civil Engineering students of A & B sections is scheduled on 03.01.2020. In view of this the following ~~faculties~~ *faculty* are nominated to accompany the students.

1. Dr.N.Mahendra
2. Mr.G.Raju
3. Mr.M.Srujan Kumar
4. Mr.D.Kishore Babu
5. Mrs.D.Divya Vani
6. Ms.P.Supriya

It is submitted for your kind permission.

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P. Raju
(HOD/CED) *02/01/20*

Enclosure: List of Students

ok, please go ahead.

To Transport D/C
She
02/01/20

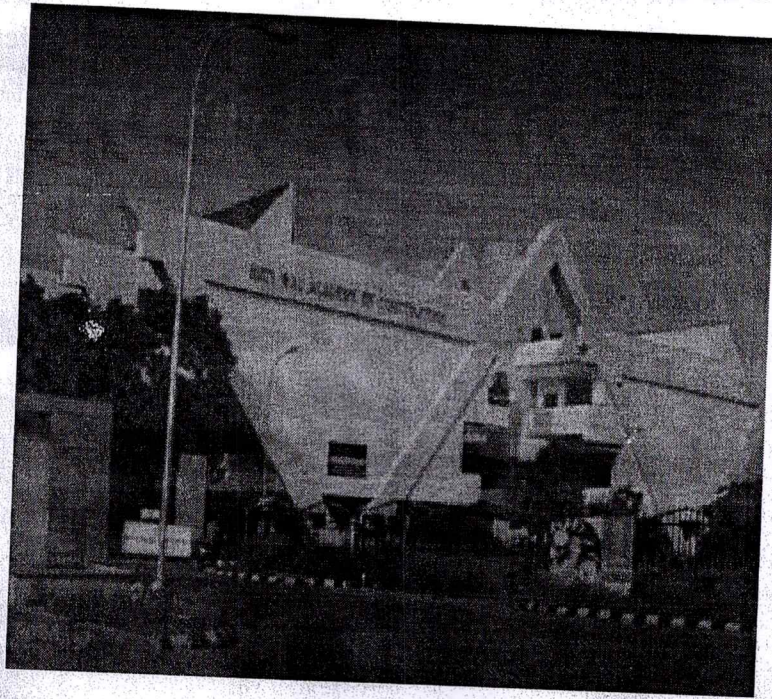
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02/01/20

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Department of Civil Engineering

A REPORT ON INDUSTRIAL VISIT TO



NATIONAL ACADEMY OF CONSTRUCTION, HI-TECH CITY, HYDERABAD, TELANGANA

ON

03rd JANUARY 2020

Submitted To :

The HOD,

Civil Department

Submitted By :

Civil II Year

GCET

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ABOUT NAC

NAC was established on the joint initiative of construction industry (Builders Association of India) and State Government in the year 1998 as a "Society" and incorporated as "Public Charitable" institution. It is managed by a Governing board with the Hon'ble Chief Minister as Chairman and Hon'ble Minister for Roads and Building, the Chief Secretary of Telangana State as Vice Chairmen. The Board members include Principle Secretaries of Works Departments, eminent persons of construction industry, Academic, Research institution and Professional associates representing the construction industry. NAC Headquarters is located in 46.46 acres of green campus in the IT Corridor in Hyderabad, Telangana. It has 2 Advanced Training Institutes and 11 permanent skill training centers located in the districts across Telangana State. NAC is well positioned to act as a catalyst, to bring about a holistic change in the construction ethos in the country.

Purpose & Objectives

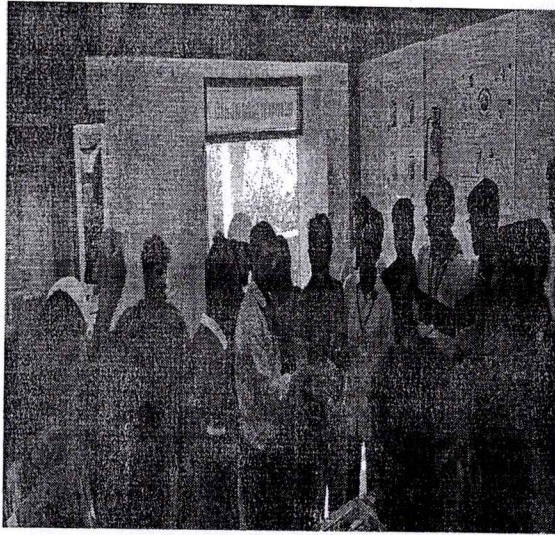
The main purpose of this organization is to develop and build capacities of human resources to enhance quality and productivity of construction industry. NAC operations are in the area of skill development, skill upgradation and capacity of buildings of all types of human resources, exclusively for construction industry. NAC conducts trainings for unemployed youth, workers, tradesmen, construction engineers, contractors, managers, supervisors and technicians to develop skill and inculcate professionalism.

VISIT HIGHLIGHTS

The seminar was started around 12:30pm where, Introduction to the Academy and the courses offered and its importance in today's society was discussed and described.

Then after the Seminar session, in the afternoon we visited the laboratories under the guidance of the officials. The various departments consisted of Welding, Plumbing services, Quality testing lab, Painting, Electrical wiring etc. The concept of dry walls and the prominence of false ceiling were also discussed. The staff who guided us were enthusiastic to share their knowledge and experience.

S.
Jawahar Education Society
Jawahar College of Engineering and Technology
(Autonomous)
Cheerla (M), Keesara (M), Medchal Dist. (T.S.) - 501 991



We would like to thank the entire department's staff at NAC for guiding and sharing the valuable information with us.

And also we would like to thank our HOD sir and faculty for coordinating and supporting us throughout for this wonderful opportunity.

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HOD-CED



Phone : 9182058187
Website: www.geethanjaliinstitutions.com
info@gcet.edu.in

Geethanjali

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AUTONOMOUS

(Accredited by NAAC "A" Grade; ECE, CSE, EEE & ME, B.Tech Programs Accredited by NBA;
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Sy. No. 33 & 34, Cheeryal (V), Keesara (M), Medchal District. - 501 301.

To
The Director General,
GSI, Bandlaguda,
Hyderabad, TS.

Date: 08.01.2020

Dear Sir,

Sub: Permission for Industrial Visit – Requested-Regarding.

Geethanjali College of Engineering and Technology is one of the most reputed autonomous Engineering Institutions in Hyderabad and known for its excellent record in academics and co-curricular activities. The state of the art facilities and competent faculty provide an excellent climate for the all round development of the students. As a part of the curriculum, the students are deputed for Industrial Visits to a few industries of repute. We feel that Industrial Institute Interaction will provide good opportunity to learning of practical applications of theory.

With the above background, we would like to send our B.Tech II year Civil Engg. Students to Industrial visit on 05th, Feb 2020 tentatively, or after this date as per your convenience in the organization.

I request you to kindly accord the necessary permission for the above visit and request you to make arrangements for guiding the students. We assure you that our students will observe the rules and regulations that are prescribed by your company for the visitors and will in no way disturb the functioning of the company during their visit.

We shall be grateful for a favorable response.

Thanking you,

Yours faithfully,

HOD/CED 08/01/2020



Received on 8/1/2020
Principal
Geethanjali College of Engineering and Technology
(Autonomous)
Cheeryal (V), Keesara (M), Medchal Dist. (TS-501301)
Visited on 12/02/2020
Sambare

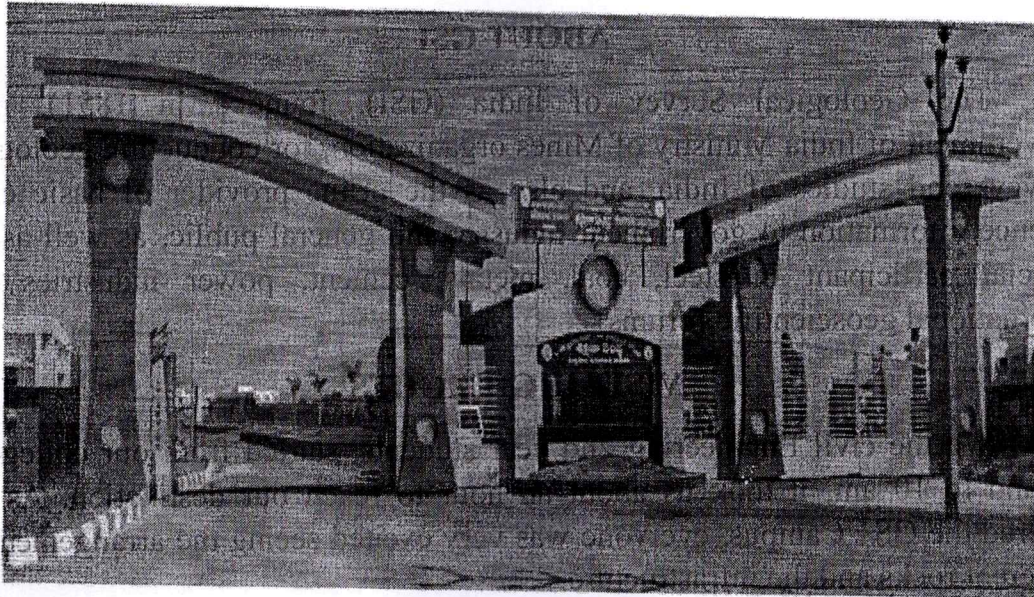
Geologist
AISHNAVI P. SAMBRE
Geological Survey of India
Southern Region, Hyderabad-68.

Geethanjali College of Engineering and Technology

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Department of Civil Engineering

A REPORT ON INDUSTRIAL VISIT TO



GEOLOGICAL SURVEY OF INDIA, BANDLAGUDA, NAGOLE, HYDERABAD, TELANGANA

ON

12th Febuary, 2020

Submitted To :

The HOD,

Civil Department

Geethanjali
Geethanjali College of Engineering and Technology
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Cheeryal (V), Keesara (M), Medchal Dist. (T.S.) - 501 301

Submitted By :

Civil II Year

GCET

PREFACE

Geology is the study of earth, materials of which it is made, structure of those materials and effect of natural forces acting upon them and as it is very important for civil engineers to know about it as they do works which involves earth and its features. So, our college planned to take us to Geological Survey of India (GSI), Bandlaguda on 12th February 2020 for knowing more about different formation of rocks and minerals.

ABOUT GSI

The Geological Survey of India (GSI), founded in 1851, is a Government of India Ministry of Mines organization, for conducting geological surveys and studies of India, and also as the prime provider of basic earth science information to government industry and general public, as well as the official participant in steel, coal, metals, cement, power industries and international geoscientific forums

VISIT HIGHLIGHTS

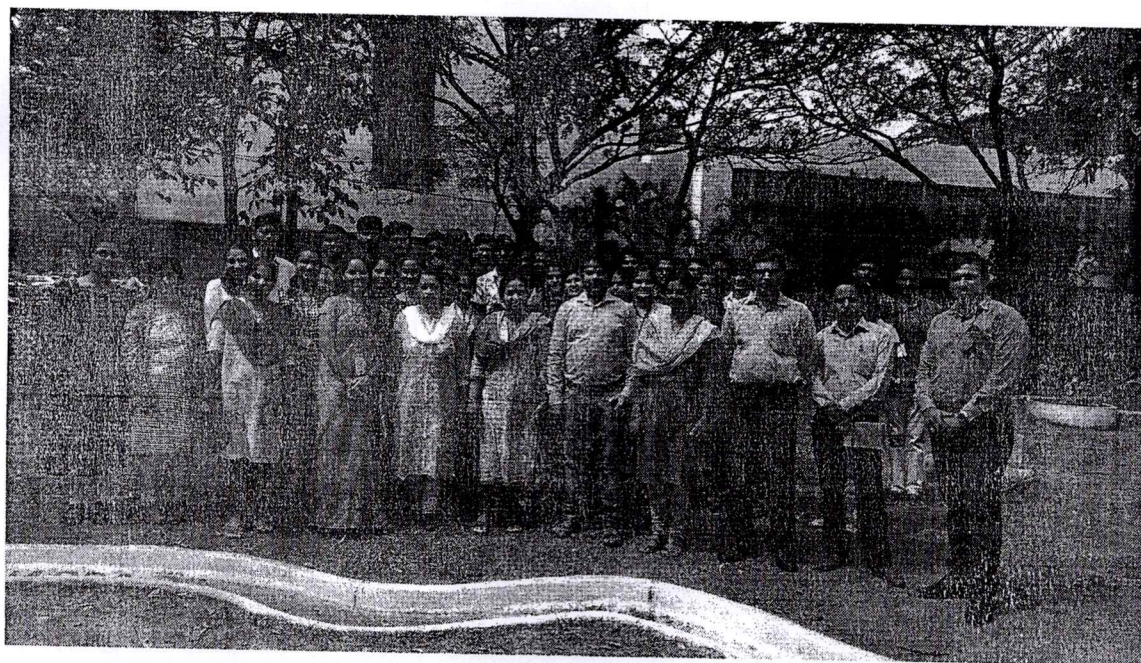
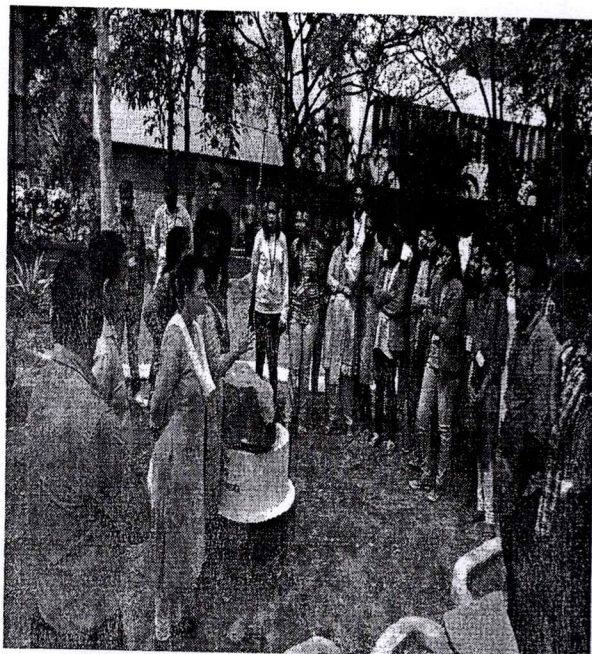
We the civil Engineering 2nd year students, started from our college at around to 10 am, it took us about an hour to reach our destination. As we entered the GSI Campus, everyone was very excited seeing the arrangement of different rocks and the infrastructure.

The 300 acres campus of GSI has excellent green cover. We were divided into two groups; one group was taken to, Dr. William King Geological Museum and the other to the rock garden. The rock garden show cases all types of rocks found in South India. There were 4-5 geologists who explained in detail about the origin of the rock and its usage. In Dr. William King Geological Museum there was a articulated skeleton of Rhinoceros, thigh bone of Kotasaurus, fossilized dinosaur egg, bones of dinosaur, fossilized Starfish, fossilized wood stone and several samples of minerals and gemstones which were explained by geologists. They also explained about the tools used by the geologists while exploring different places to assess different soils, mineral and other natural resources. We saw Lithostratigraphy of cuddapah and Kurnool basins, some minerals and rocks which are used in construction and decorative purposes such as Quartz, feldspar, Granite, olivine, Galena, silicon carbide, Green calcite, Synthetic glass, selenite and cavansite etc. Then we returned back to our college.

I personally gained a lot of knowledge of different minerals and rocks. Finally, I'm very thankful to all the geologists who shared their valuable time,

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information and knowledge with us. I also thank our college for planning such a wonderful visit.



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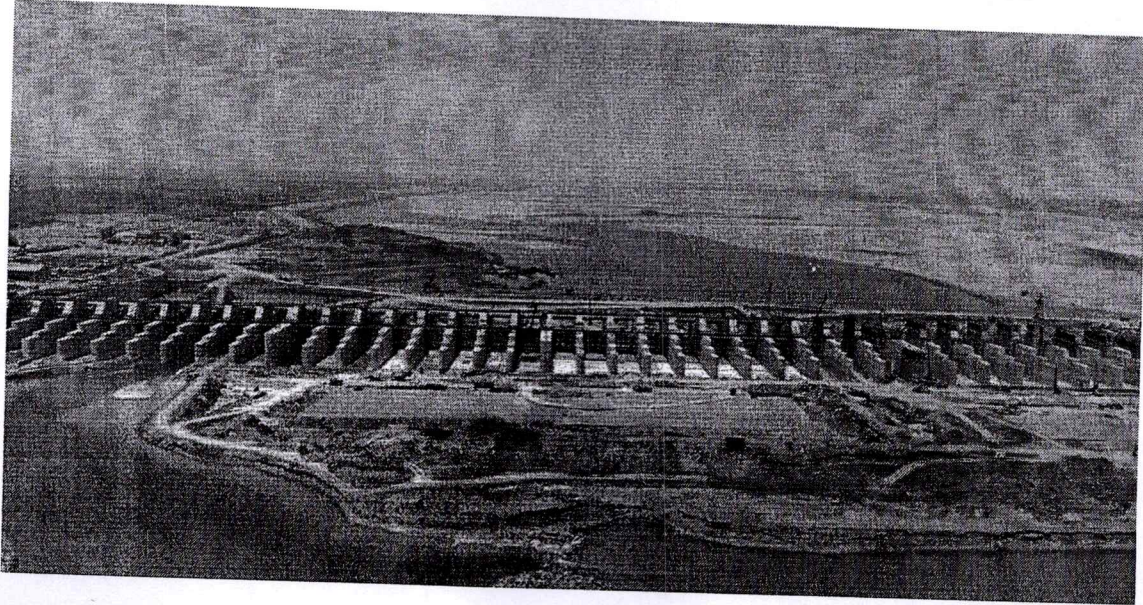

HOD-CED

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Department of Civil Engineering

A REPORT ON INDUSTRIAL VISIT TO



KALESHWARAM LIFT IRRIGATION PROJECT (KLIP) SITES, TELANGANA

ON

22nd & 23rd Febuary, 2020

UNDER THE AEGIS OF

Geethanjali College of Engineering and Technology

Submitted To :
The HOD,
Civil Department

PRINCIPAL
Geethanjali College of Engineering and Technology
(Autonomous)
Cheeryal (V), Keesara (M), Medchal Dist. (T.S.) - 501301

Submitted By :
Civil III Year
GCET

Preface

Kaleshwaram Project has been conceived from the erstwhile Dr. B.R. Ambedkar Pranahita- Chevella Sujala Sravanthi project. Originally, Dr. B.R. Ambedkar Pranahita- Chevella Sujala Sravanthi was proposed to utilize 160 TMC of allocated water of Godavari basin as per Godavari Water Disputes Tribunal (*GWDT*). A barrage was proposed at Tummidihetti (Vil.) to divert 160 TMC of water to irrigate 16.40 lakh acres in 7 districts of Telangana State i.e, Adilabad, Nizamabad, Karimnagar, Medak, Warangal, Nalgonda & Rangareddy, besides drinking water & industrial water.

The transfer of water through lift scheme and conveying it to water-deficient upland regions of Telangana is thus strategic importance and a pressuring need towards a more equitable development of water resources for irrigation and other water requirements. The project is proposed at Medigadda Village, below the point of confluence of Pranahitha and Godavari River about 20 km downstream of Kaleshwaram. The project was named after the famous shiva temple in kaleshwaram as Kalaeshwaram Lift Irrigation Project (*KLIP*).

Waters of the Godavari will be trapped by reverse pumping and stored, there by facilitating agriculture on over 38 lakh acres, including additionally about 18 lakh acres of new ayacut, helping rejuvenate thousands of tanks, providing water for industries, and supplying drinking water including to Hyderabad and Secunderabad by creating a series of storage tanks and a network of pipelines.

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Report on
**Kaleshwaram Lift Irrigation Project
(KLIP)**

By:

N.Vivek

M.Gokul

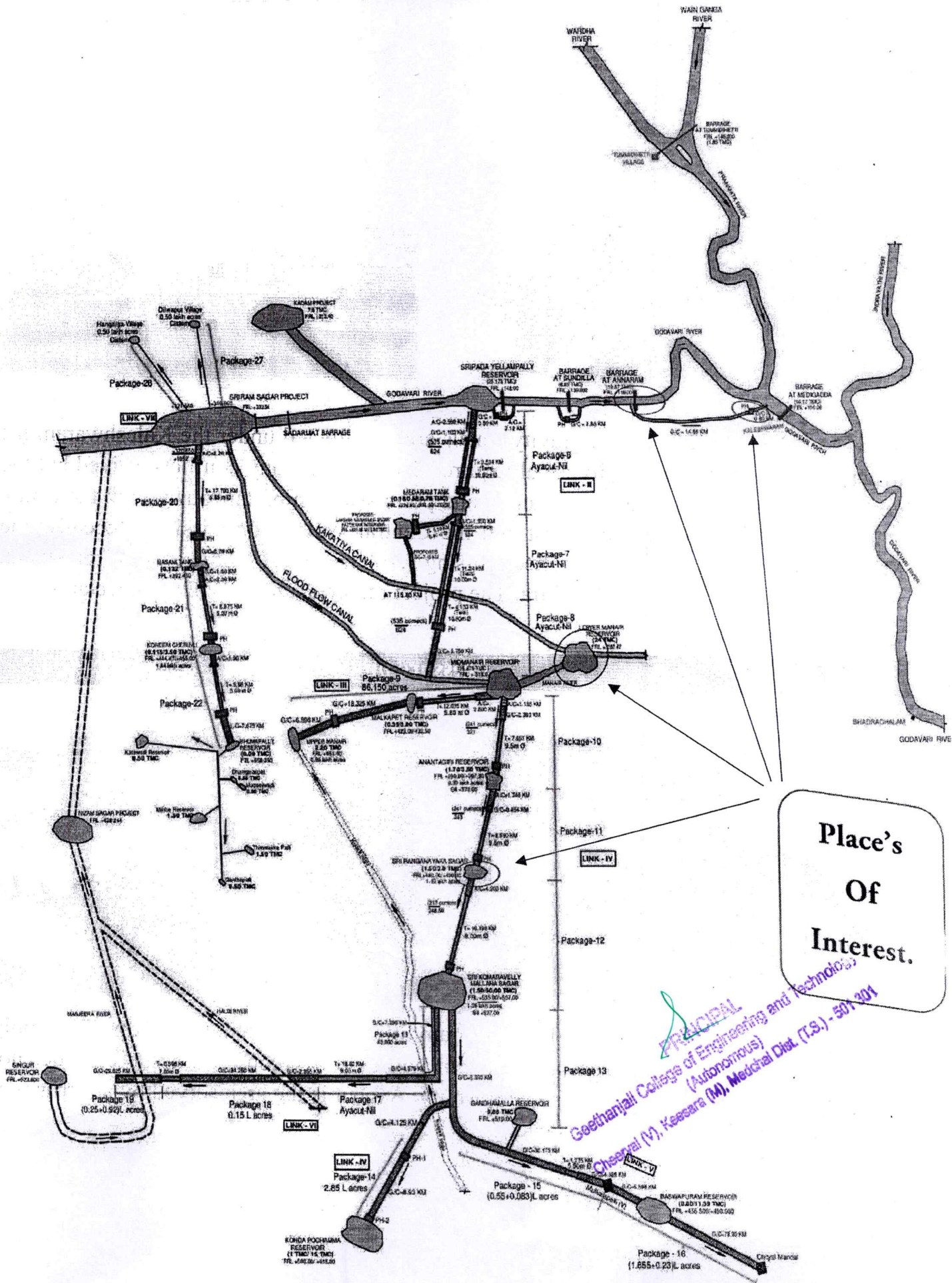
G.Nikhel

R.Anil

M.Vikas

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LINE DIAGRAM OF KALESHWARAM PROJECT

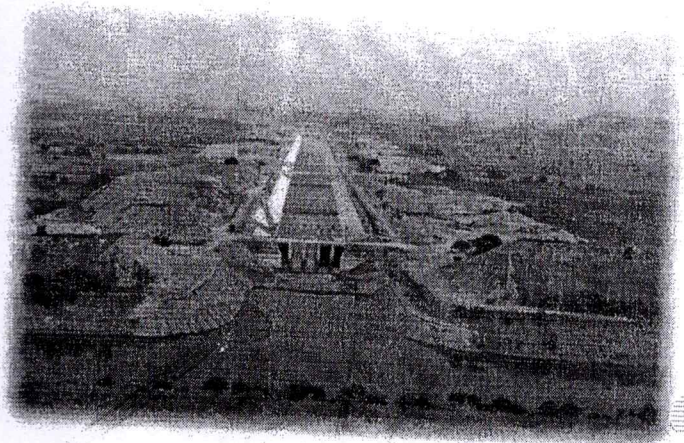
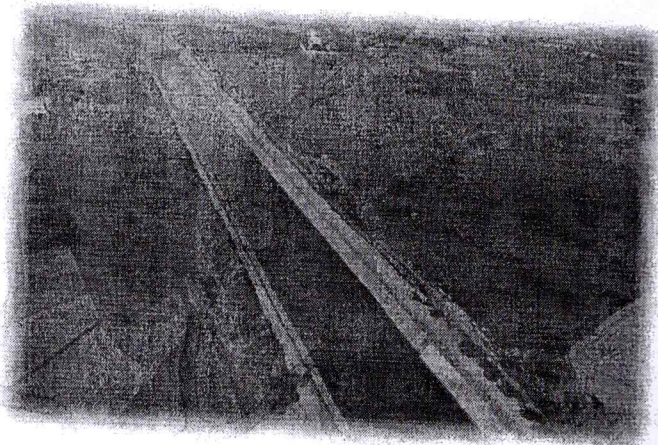


Place's
Of
Interest.

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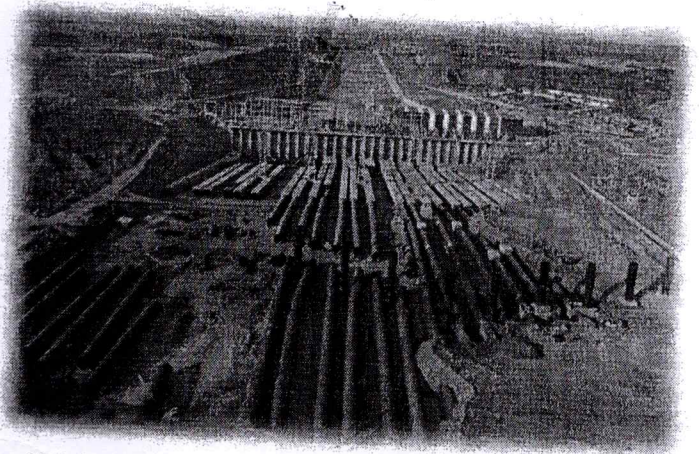
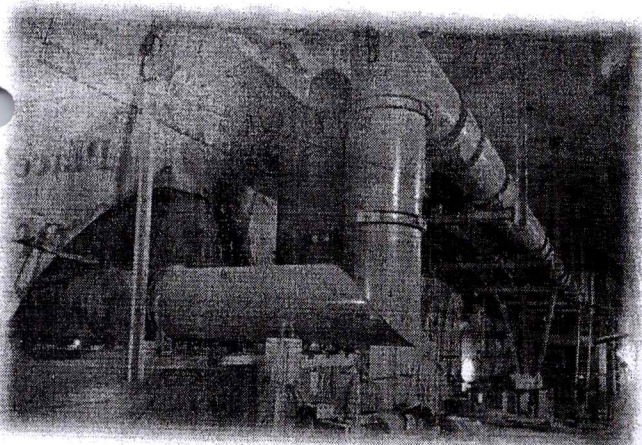
SALIENT FEATURE:

GRAVITY CANAL



A total of 1531 km of gravity canals are constructed under the Kaleshwaram lift irrigation project. As the gravity canal requires a large area many conflicts arrived but the government has issued various clearances and permissions simultaneously with the Union Ministry of Environment and Forest and the Central Water Commission. Recently, the Ministry of Environment has permitted utilising 3,168 hectares (7,920 acres) of forestland, including 302 hectares in Maharashtra. The project requires a total of 32,000 hectares.

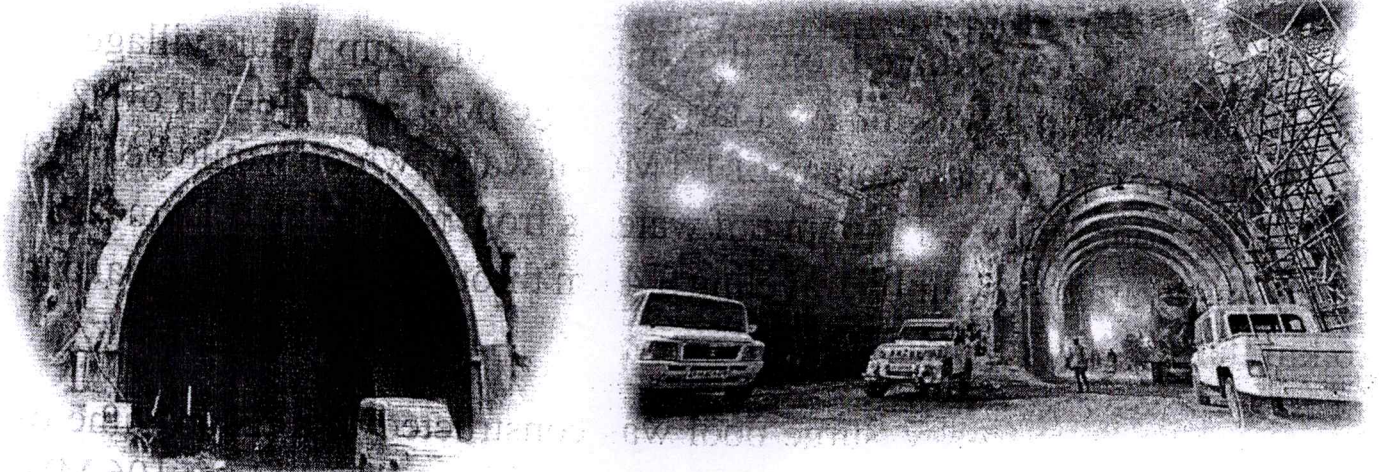
Pressure pipe



Pressure Mains under the Kaleshwaram lift irrigation scheme is 98 km. The supply of water through a pressurized pipes system will help overcome the issue of water not reaching the tail-end ayacut in assured quantity. Ayacut is the area served by an irrigation project such as a canal, dam or a tank.

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TUNNEL



KLIP has World's largest tunnel length of 203 km.

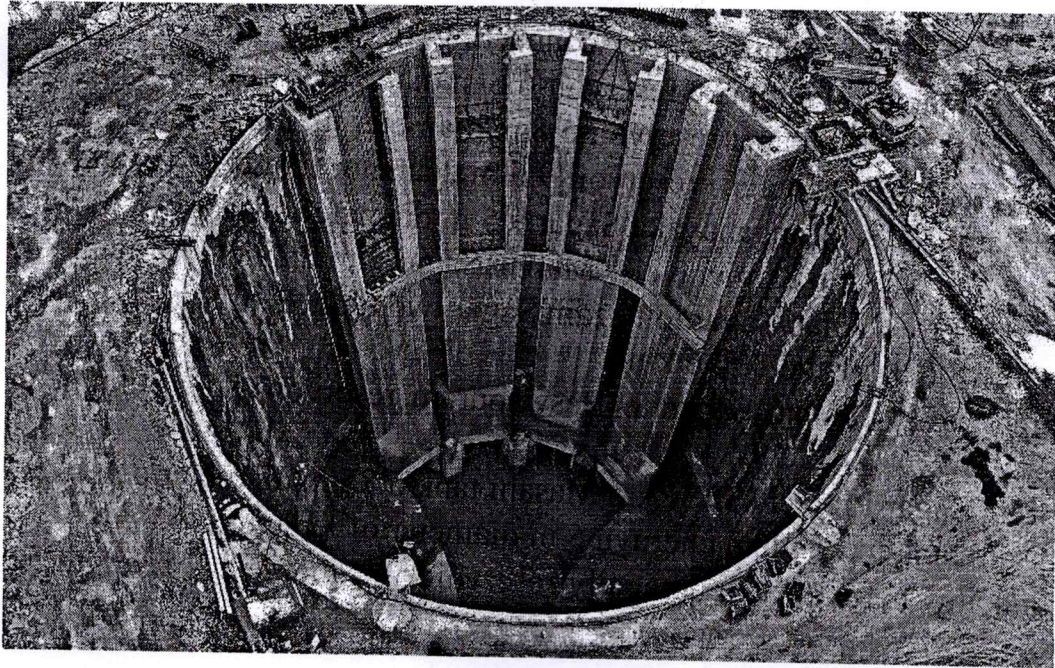
- A twin tunnel of 24.907 km each of 10 m diameter from Sripada Yellampalli reservoir to mid manair reservoir connecting Medaram tank.
- Medaram tank to Pathipaka reservoir 6.6 m diameter tunnel of length 5.5 km.
- Mid Manair to Malkapet reservoir 5.8 m diameter tunnel of length 12.035 km.
- Mid Manair to Anantagiri reservoir 9.5 m diameter tunnel of length 7.651 km.
- Anantagiri to Sri Ranganayaka Sagar 9.5 m diameter of length 8.59 km.
- Sri ranganayaka to Komaravelly Mallan Sagar 9 m diameter of length 16.18 km.
- komaravelly Mallan Sagar to Nizam Sagar two tunnels of 9 m and 7 m diameter of length 18.62 km and 3.596 km.
- Komaravelly Mallan Sagar to Baswapuram reservoir 5.5 m diameter of length 1.275 km.
- Sriram Sagar Project (SRSP) to Masani tank 5.85 m diameter of 17.79 km.
- Masani tank to kondem cheruvu 5 m diameter of length 8.875 km.
- Kondem Cheruvu to Bhumapally reservoir 5 m diameter of length 5.66 km, and etc.

The twin tunnels are designed to carry 2 Thousand Million Cubic feet (**TMC**) every day from the Yellampalli project to the Nandi Medaram project from where the water will be channeled to Mid-Manair project. These tunnels are the last link of the main distributary system to support the Hyderabad Metropolitan Water Supply System (**HMWS**) besides extending irrigation to seven districts in north Telangana.

SURGE POOL

Surge pool constructed on the outskirts of Thippapur village in Illanthakunta Mandal was the Asia largest surge pool with a depth of 92 m and diameter of 56 m with storage of 1 TMC of water, which would be lifted up by using four motors. The input of water is from Mid-Manair Dam & Sri Raja Rajeshwara reservoir by traveling 3.4 km through the gravity canal and 7.6 km through the tunnel.

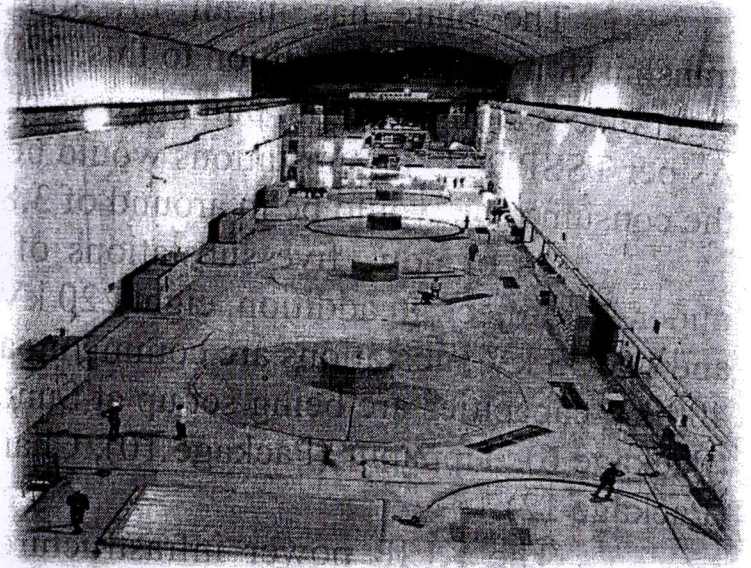
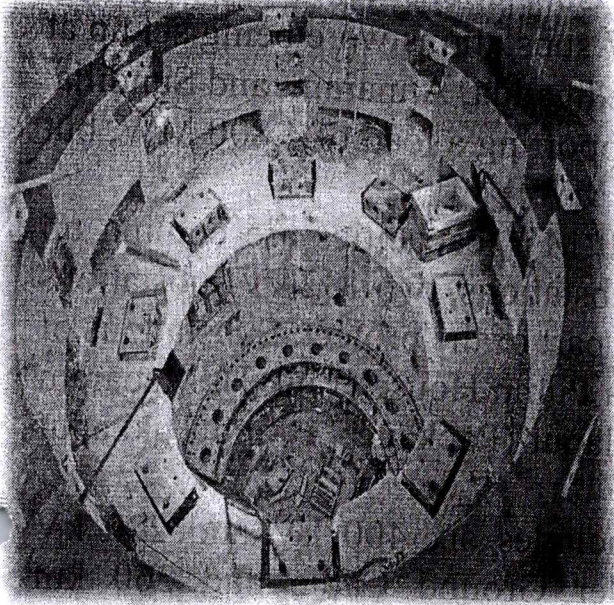
This open-to-sky Surge pool was constructed in a record time of 13 months at Rs.2700 crore. The four motors in this pool would use 106 MW of power and accordingly a 440 kVA substation was constructed. The pumps would lift daily 1 TMC of water into the Ananthagiri reservoir and from there to the Mallannasagar.



SURGE POOL

Principal
Geethanjali College of Engineering and Technology
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PUMP HOUSE



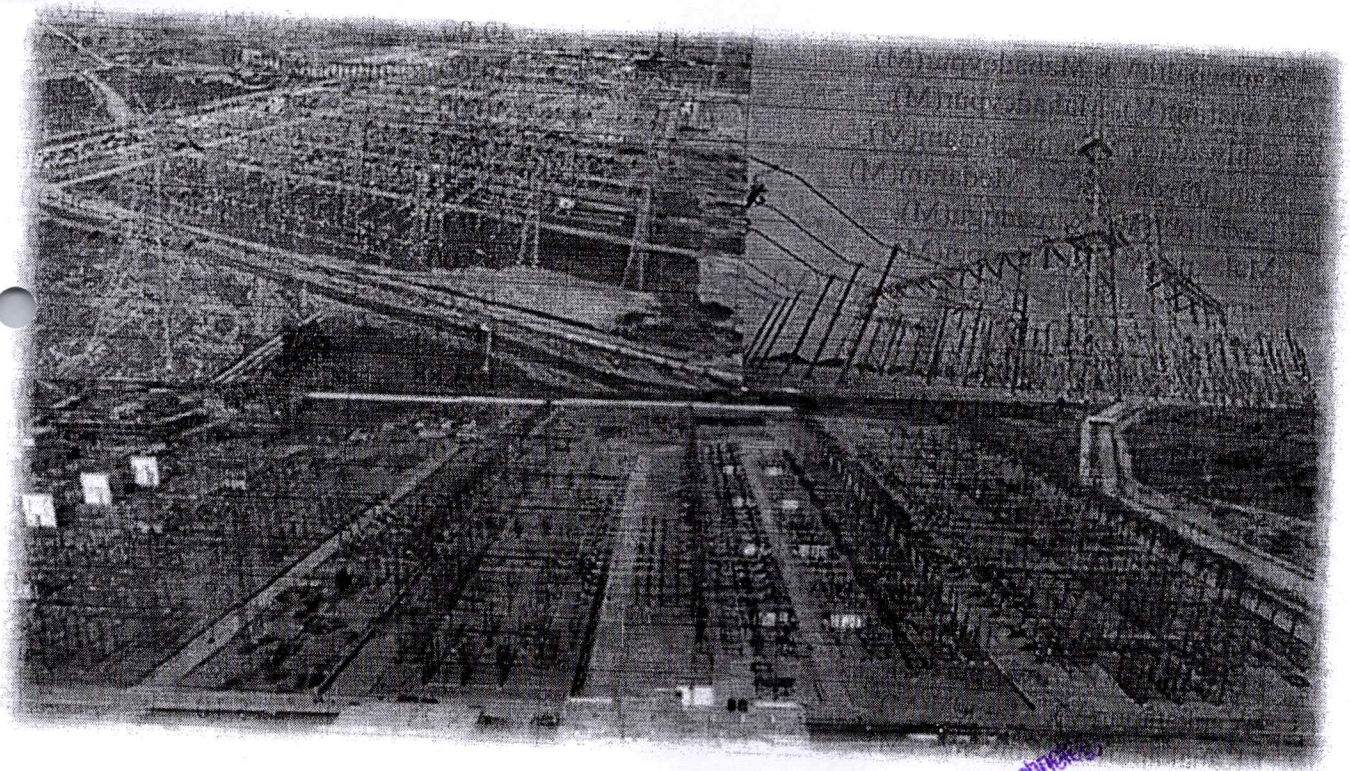
Sl. No	LOCATION	NO. OF PUMPS	Lift Height (M)	Discharge (Cumecs)	Total power (MW)
1	Kannepalli(V), Mahadevpur(M).	11	49.00	656.00	440.0
2	Annaram(V), Mahadevpur(M).	8	34.00	656.00	320.00
3	Goilwada(V), Ramagundam(M).	9	40.00	656.00	360.00
4	Nandimedaram(V), Medaram(M)	7	105.45	624.19	870.80
5	Laxmipur(V), Ramadugu(M).	7	111.41	624.19	973.00
6	Malakpet(V), Konaraopet(M).	2	130.11	31.78	60.00
7	Singasamudram(V), Gambhiraopet(M).	2	57.00	4.48	4.50
8	Tippapur(V), Illantakunta(M).	4	95.68	321.32	424.00
9	Chandlapur(V), Chinakodur(M).	4	117.16	343.20	537.76
10	Thukkapur(V), Thoguta(M).	8	103.88	248.48	34.00
11	Pamulaparathi(V), Wargal(M).	6	88.60	73.02	96.00
12	Mudimanik Thanda, Pulkal(M).	2	32.00	62.50	36.00
13	Sarangapur(V), Nizamabad(M).	3	89.93	23.31	90.00
14	Manchippa(V), Nizamabad(M).	2	66.30	23.26	49.00
15	Lingampalli(V), Sadashivanagar(M).	1	36.00	3.9	1.95
16	Gundampally(V), Dilwarpur(M).	2	44.12	3.68	5.40
17	Dariapur(V), Dilwarpur(M).	1	57.50	0.50	0.45
18	Venkatapur(V), Mamdal(M).	1	43.18	2.84	2.00
19	Kanakapur(V), Loheswar(M).	1	8.23	5.10	7.15
20	Kanakapur(V), Loheswar(M).	1	60.14	5.10	5.23
	Total	82			4627.24

SUB STATION

The State has in all 17, 400 kV substations to meet its power transmission needs. In addition to this, 220 kV substations were being set up at eight places along with the pumphouses at Medigadda, Annaram, and Sundilla. As per TSSPDCL 17 substations would be supporting a load of 4,800 MW, but the consumption would be in around of 3,840 MW.

As of now, five substations of 400 MW capacities are coming up under the project. In addition, eight 220 kV substations, two 132 kV substations and one 33 kV substations are coming up as a part of the project. Substations of 400 kV capacities are being set up at Sundilla Pump House (Link I), Medaram (Package 6), Tippapur (Package 10), Chandalapur (Package 11) and Tukkapur (Package 12).

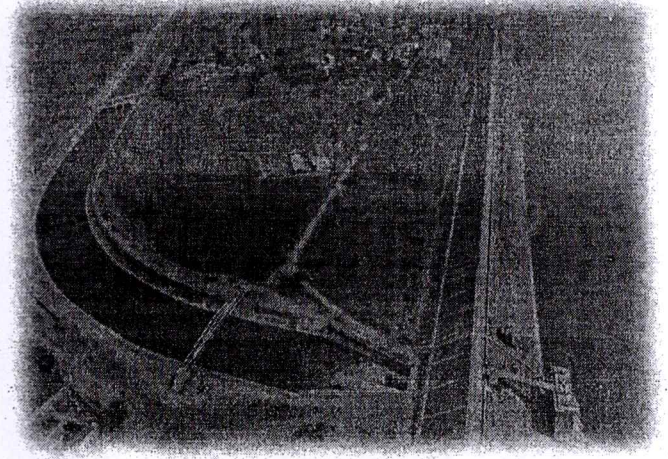
The KLIP power infrastructure includes six 400 kV and 220 kV substations, 7 km of 400 kV XLPE under Ground Cable and 260 km transmission lines established within two years of time. This is another record in the country for the completion of power substations and transmission in the shortest period.



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LACES OF INTEREST LOWER MANAIR

SALIENT FEATURES	
CATCHMENT AREA OF RIVER	6,475 SQ. KM. 2,500 SQ. MILES
STORAGE CAPACITY OF RESERVOIR	680.46 M. CUM. 24.00 T.M. CFT.
FLOOD DISCHARGE OBSERVED	9,910 CUM. 353,501 CUSEC.
DESIGNED	14,158 - 500
LENGTH OF NON SPILLWAY	278 M. 910 FT.
SPILLWAY	363 M. 1190 "
EARTH DAM	10.10 KM. 33,156 "
MAX HEIGHT OF EARTH DAM	26.822 M. 88 "
MAX. MASONRY DAM	40.583 M. 133 "
FULL RESERVOIR LEVEL	+280.416 M. +920 "
TOP LEVEL OF DAM	+284.378 M. +933 "
CREST LEVEL	+273.100 M. +896 "
MAX WATER LEVEL	+281.026 M. +922 "
NO AND SIZE OF GATES	20 NOS. RADIAL GATES 50' X 24'
NO. OF VILLAGES AFFECTED - FULLY	12 NOS. PARTIALY 4 NOS.

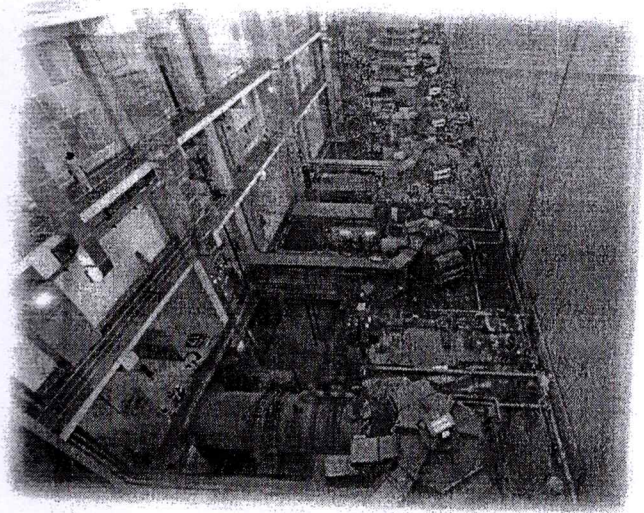
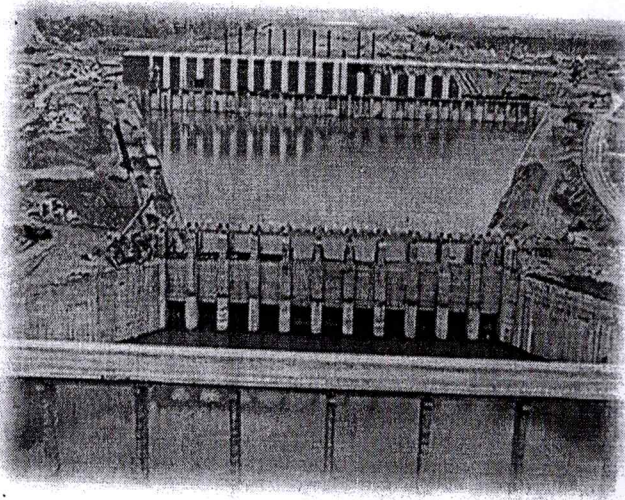


The Lower Manair Dam (**LMD**) is constructed across the confluence of Mohedamada and Manair river which is the tributary of River Godavari. The lower Manair is named as Prof.G.V.Sudhakar Rao after his service to the local people. LMD is located in Alugunur village, Thimmapur Mandal, Karimnagar District, Telangana. The total irrigating land under this dam is 400,000 acres.

The LMD is located on the Manair River at (latitude 18°24' N and longitude 79° 20' E) Karimnagar District. The LMD construction was started in 1974 and ended in 1985. It is a combination of both Earth and Masonry dam. It serves as a balancing reservoir for the Kakatiya canal. The total catchment area of the river is 6475 sq.km (2500 sq. miles). The storage capacity of the reservoir is 680.46 million cubic meters (24 TMC). The spillway of reservoir is designed for a discharge of 14,158 cumec (500,000 cusec) but observed is 9,910 cumec (350,000 cusec) with length of 363 m (1,190 ft.). Whereas the length of non-spillway is 278 m (910 ft.) and length of earth dam is 10.10 km (33,156 ft.). The maximum height of the masonry dam is 40.583 m (133 ft.) and the maximum height of the earth dam is 26.822 m (88 ft.). The top-level of the dam is 284.378 m (933ft.) with a maximum water level of 281.016 m (922 ft.), full reservoir level of 280.416 m (920 ft.), where the crest level of the dam is 268.88 m (896 ft.). The dam comprises of 20 radial gates with 50 ft. × 24 ft. in size from the crest level. The total number of villages which are fully and partially submerged under this dam is 13 and 3 respectively


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KANNEPALLI PUMP HOUSE



Kannepalli is the first pumping station in a chain of a total of 20 pumping stations of the Kaleshwaram Lift irrigation project. It is constructed at the intersection of the Godavari and Pranahitha. It is located (latitude of $18^{\circ}78'N$, the longitude of $79^{\circ}92'E$) at Medigadda in Kannepalli village of Mahadevpur Mandal in Jayashankar Bhupalapalli district. There are 17 pumps in this pump house, each of capacity 40 MW. Pump house is constructed over a length of 328 m and 60 m wide, with 17 pumps which are being arranged in house, in which of these 11 pumps have provided Barex, these 11 pumps each with a capacity of 40 MWs and highly efficient motors. These 11 pumps are designed to lift 180 TMC at a rate of 1.8 cubic feet per day and discharging water 660 cusec capacities. Biggest pump house in the world is constructed at this place and the large-scale machinery imported from Japan, Switzerland, and Austria countries. As part of the Kaleshwaram Project, Megha Engineering & Infrastructures Limited (*MEIL*) completed a total work of 77.07 lakhs Cu-m, including 10.56 lakhs Cu-m works of Pressure Main and 10.50 lakhs Cu-m for the Delivery cistern.

ANNARAM BARRAGE

Annaram barrage, combined with the Medigadda and Sundilla barrages constitute the ambitious KLIP. Almost 2 TMC of water per day will be moved upriver through gravity canals from Medigadda barrage to Annaram barrage, from there it will be pumped further back to Sundilla barrage. From there, the water will be diverted to the Yellampalli reservoir and then distributed to nearby districts. Annaram is the second-largest barrage in the entire KLIP, with a capacity of 10.87 tmc. Annaram Barrage was built at a cost of 27.32 billion in a timeframe of 24 months. Execution at the project is done by Secant piling, which was used

RANGANAYAKA SAGAR BALANCING RESERVOIR

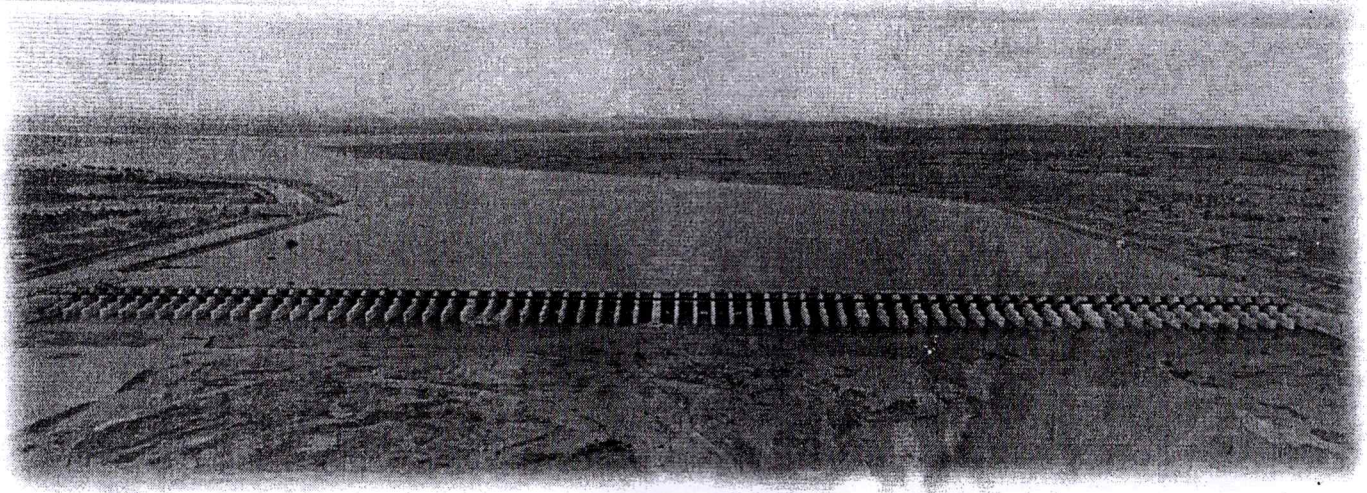


Sri Ranganayaka Sagar Reservoir or Imamabad Reservoir comes under package 11 of KLIP, located near Chandulapur village of Chinnakodur Mandal of Siddipet district, this balancing storage reservoir has a capacity of 3 TMC acquiring 2176 acres of land. The specialty of this reservoir is no village is submerged under this project. This project was undertaken by MEIL. MEIL has established 4 machines with a total capacity of 541 MW which can discharge 343.3 cumecs of water. It receives water from Kaleshwaram via the Mid Manair project. From here, water would flow into the Komuravelli Mallana and then on into Konda Pochamma reservoirs. The project was estimated to cost around Rs 463 crores, providing irrigation to around 1.1 lakh acres. This reservoir's bund will span a length of 8.65 km and will stand 32.63 m tall at its highest point. While the bund will be six meters wide, at the ground level, it will be 196 m wide.



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in a cut-off foundation for the first time in the world for barrage construction.

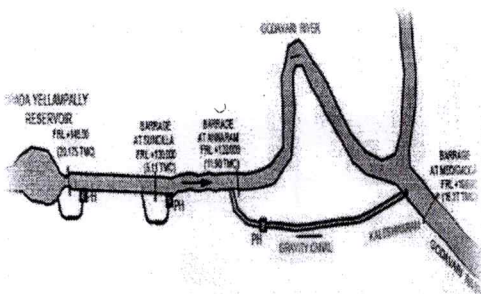


Construction details:

Construction of barrage for a length of 1,270 m with 66 vents of 15 m along with energy dissipation arrangement and abutments, wing and return/flank wall with a design flood discharge 65,000 cusec. The barrage is constructed with radial gates of size 15 m \times 13 m (12 in total) for under sluice bay and for other bays of size 15 m \times 12 m (54 in total), and a road bridge with clear carriageway of 7.5 m consisting 72 piers. Length of launching apron at the upstream side is 71 m and at the downstream is 116.4 m.

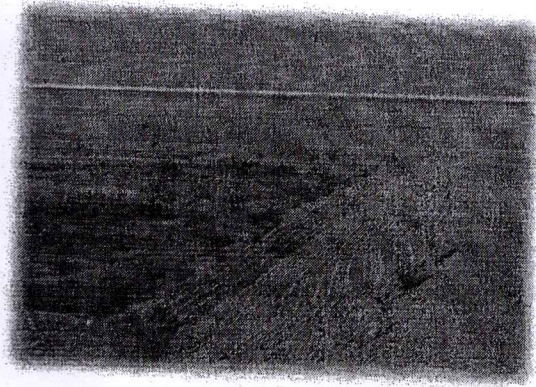
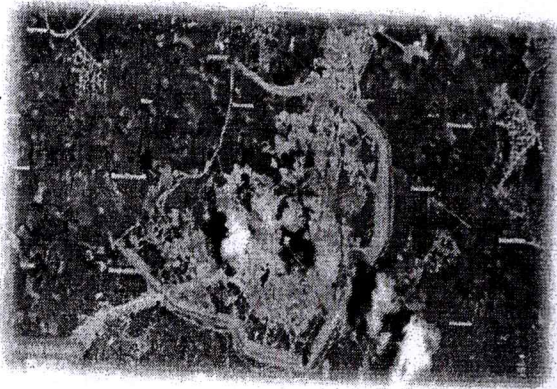
Highlights of construction:

- 1,200,000 cu m of concreting done for the entire project.
- 55,000 mt of reinforcement steel used.
- 80 lakh cu m of earthwork moved.
- 1,500 tonnes of cement consumed on average per day.
- 200 mt of steel used on average per day.
- About 6,000 cu m concrete poured on average per day.



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RANGANAYAKA SAGAR BALANCING RESERVOIR



Sri Ranganayaka Sagar Reservoir or Imamabad Reservoir comes under package 11 of KLIP, located near Chandulapur village of Chinnakodur Mandal of Siddipet district, this balancing storage reservoir has a capacity of 3 TMC acquiring 2176 acres of land. The specialty of this reservoir is no village is submerged under this project. This project was undertaken by MEIL. MEIL has established 4 machines with a total capacity of 541 MW which can discharge 343.3 cumecs of water. It receives water from Kaleshwaram via the Mid Manair project. From here, water would flow into the Komuravelli Mallana and then on into Konda Pochamma reservoirs. The project was estimated to cost around Rs 463 crores, providing irrigation to around 1.1 lakh acres. This reservoir's bund will span a length of 8.65 km and will stand 32.63 m tall at its highest point. While the bund will be six meters wide, at the ground level, it will be 196 m wide.



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HOD-CED

A REPORT ON INDUSTRIAL VISIT TO
LSB TEMERITY INFRA PVT. LTD.
V.V NAGAR, KUKATPALLY, HYDERABAD

ON

31st August, 2019

Submitted To :

The HOD,

Civil Department

Submitted By :

Civil IVth Year

GCET

LSB TEMERITY INFRA PVT. LTD.

LSB Temerity is ISO:9001:2015 certified Engineering and Consultancy Pvt. Ltd. is an Architectural, Engineering, Construction, Project Management Consultancy and Training Services Company Established in the year 2019 based at Hyderabad, India.

LSB Temerity specializes in design of multi-storey buildings required for offices, commercial, educational institutions, hospitals, shopping malls, residential buildings, industrial structures etc.

The projects built today are conceived with the shortest completion time as the main objective to meet the twin goals of early occupation and faster revenue generation.

ABOUT THE VISIT TO LSB TEMERITY INFRA PVT. LTD. :

The visit to Construction of Slit +3 structure at Kukatpally was organized by LSB Temerity Pvt. Ltd.

Students along with two faculties reached the site at 11:00am. There students were welcomed by the Director of LSB Temerity Pvt. Ltd, Mr.Siva Rami Reddy, who is having more than 14 years of experience in and around India.

PLAN AND ELEVATION OF THE STRUCTURE:

In the morning session, students were explained about the plan and elevation of the structure by giving them the overall plan of the structure in advance itself.

SLAB DETAILS:

Later students were taken to the third floor of the structure, where the reinforcement of the slab is layed and explained them in clear about types of slabs and about different casting procedures. And explained about different beams and how to locate the columns in the structure based on the requirement.

There was a very good conversation went between the students and the Director of LSB Temerity Pvt. Ltd, Mr.Siva Rami Reddy about the structural details and the practical problems of civil engineer during the execution of plans. And he also enriched students in choosing the path after completing their bachelors of technology.

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Students were very much happy by the visit as they could link the concepts of theory with practical. By 3:00pm, students along with faculty returned back to college with a very good knowledge over the construction practices which were clearly explained by the director of LSB Temerity Pvt. Ltd.

Photos:



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(Permanently Affiliated to JNTUH, Approved by AICTE, NEW DELHI, ACCREDITED BY NBA)

DEPARTMENT OF MECHANICAL ENGINEERING

INDUSTRIAL VISITS

Industrial visit has its own importance in a career of a student who is pursuing a professional degree. It is considered as a part of college curriculum and objectives of industrial visit is to provide students an insight regarding internal working of companies. We know, theoretical knowledge is not enough for making a good professional career. With an aim to go beyond academics, industrial visit provides student a practical perspective on the world of work. Industrial visit is considered as one of the tactical methods of teaching. The main reason behind this, it lets student to know things practically through interaction, working methods and employment practices. Moreover, it gives exposure from academic point of view. Main aim of industrial visit is to provide an exposure to students about practical working environment. They also provide students a good opportunity to gain full awareness about industrial practices.”

A.Y.	Year & Sem	No. of students from each section		Date and duration	Names of places and industries visited	Faculty members accompanied	Whether tour report submitted	Relevance to POs, PSOs
		A	B					
2019-20	III-I	A	33	5 th & 6 th Sep, 2019	Lokesh Machine Tools pvt Ltd, Hyderabad	Dr. S Sapthagiri Dr. M Devaiah Mr. R Sudharshan Mr. K Praveen	YES	PO2, PO3, PO5, PO9, PO10, PO11, PSO2, PSO3
		B	30					
	IV-I	A	33	2 nd & 3 rd Aug, 2019	Suvudha Inspection Methods & Systems (SIMS), Hyderabad	Mr. K Jithender Reddy Mr. P Sathyanarayana Mr. B V Sruvan	YES	PO2, PO3, PO5, PO9, PO10, PO11, PSO2, PSO3
		B	33					
	III-II	A	50	7 th Feb, 2020	C-MET, Charalapally, Hyderabad.	Mr. K Venkatesh Mr. B Srinivasareddy Mr. k Niranjan Kumar	Yes	PO2, PO3, PO5, PO9, PO10, PO11, PSO2, PSO3
		B	2					
	III-II	A	28	29 th Feb, 2020	Kalburgi Cements Pvt. Ltd. (Formerly VICAT Cements Pvt. Ltd.), Chatrasal (v), Karnataka.	Dr. Subhash Kamal Mr. P. Laxmireddy Mr. P Sathyanarayana Mr. K Praveen	Yes	PO2, PO3, PO5, PO9, PO10, PO11, PSO1, PSO2
		B	13					

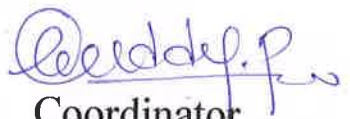

 Head
 Dept. of Mechanical Engineering
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 Coordinator



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DEPARTMENT OF MECHANICAL ENGINEERING

Date: 5/02/2020

CIRCULAR

Sub: Industry Visit schedule for III Year, II semester A&B Section students.

This is to inform to all III B. Tech students that “C-MET” Charlapally, Hyderabad, industry visit is scheduled on 7th February, 2020. In this regard, all students must reach by 9.00 A.M. to GCET with their college ID cards, formal dress and shoes without fail.

S. No.	Year/ Section	Date	TIME
1	III / I sem. A- Sec.	29/02/2020	9.30 AM to 3.00 PM
2	III / I sem. B- Sec.	29/02/2020	9.30 AM to 3.00 PM

Note: Mandatory requirements

- Formal dress and college ID card during industry visit.

Coordinators:

1. Mr. K. Venkatesh

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Dr. T. Shiva Prasad
Head
Dept. of Mechanical Engineering
Geethanjali College of Engineering & Technology
Cheeryal (V), Keesara (M) Medchal (Dist.)



Geethanjali

Phone : 9182058186
Website: www.geethanjalinstitutions.com
info@gcet.edu.in

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Sy.No. 33 & 34, Cheeryal (V), Keesara (M), Medchal District. - 501 301.

PERMISSION LETTER FOR INDUSTRIAL VISIT

Date: 06-02-2020,
Place: Cheeryal.

To,
Dr. S. Rajesh Kumar,
Scientist-E,
Centre for Materials for Electronics technology (C-MET),
Charlapally,
Hyderabad-500051.

Sub: - Requesting permission for attending awareness program on "Recycling Processing Methods of E-Waste" at C-MET—Regd.

Dear Sir,

We, the Department of Mechanical Engineering, from Geethanjali College of Engineering & Technology, Hyderabad, had come to know an awareness program on "Recycling Processing Methods of E-Waste" at C-MET is being conducted on 07-02-2020.

In this regard we are seeking permission from you to our B.Tech, III-Year Mechanical Engineering (Section-B) students to attend the awareness program, which would help them to enhance their abilities in their career. We are expecting a positive reply from you.

Thanking You Sir,

Regards,

Mr. K. Venkatesh,
Assistant Professor,
(Coordinator)



Dr. T. Siva Prasad

HoD-ME
HEAD

Department of Mechanical Engineering
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Sponsored by TEJA EDUCATIONAL SOCIETY, HYDERABAD

Office : Sy. No. 33 & 34, Cheeryal (V), Keesara (M), Medchal Dist. - 501 301

Phones : 9182058196, 9182058198


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A Report on "Awareness Programm on Recycling Processing Methods of E-Waste" at C-MET, Charalapally, Hyderabad.

Target Group: B. Tech-III Year (Mecahinical-A) Students.

Name of Industry: Centre for Materials for Electronics of Technology (C-MET)

(Under Ministry of Electronics & Information Technology, Govt. of India)

Place: Charalapally, Hyderabad.

Type of Industry: Research & Development Institute.

Labs Visited: E- Waste Plant and ROHS Plant.

No: of Students Attended: 50.

Resource person: Dr. S. Rajesh Kumar, Scientist-E (C-MET).

Date: 07-02-2020

Time: 10:30 A. M. to 12:30 P.M.

Faculty Coordinator: Mr. K. Venkatesh,

Assistant Professor,

Department of Mechanical Engineering,

GCET,

Conclusion:

The visit was very helpful, as it improved our knowledge in the field of Recycling of E- Waste. We had very good support and cooperation from all concern instructors available in the C-MET. We extend our heartiest thanks to Dr. S. Rajesh Kumar, Scientist-E (C-MET) in the Department of Chemical Engineering, Hyderabad, for making on 07-02-2020 day to cherish for our students who are honored with your humble gesture to get an opportunity to visit few centers of C-MET.

Signature of Coordinator

(Mr. K. VENKATESH)

Signature of HOD

(Dr. T. SIVA PRASAD)

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A Report on "Awareness Programm on Recycling Processing Methods of E- Waste" at
C-MET, Charalappally, Hyderabad.




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About C-MET: Dedicated to the furtherance of competent research and development in the firmament of Electronic Materials, the Centre for Materials for Electronics Technology (C-MET) functions as an autonomous scientific society under Ministry of Electronics & Information Technology (MeitY), Govt. of India. Besides augmenting core competence, C-MET envisions attainment of self-sufficiency in the sphere of Electronic materials, components and devices to cater to India's strategic and industrial applications, exploiting indigenous resources of raw materials.

MAJOR ACTIVITIES OF C-MET: CMET's R&D activities at present include development of thick film materials, polymers for electronics, specialty chemicals and glasses, ultra high purity and refractory metals, semiconductors, electronic ceramics and fine powder processing. C-MET undertakes R&D projects, sponsored research, technology transfer, and consultancy and technical services.

SPONSORED RESEARCH: C-MET will partner industry(ies) in developing new materials and processes useful to the electronic s and information technology sector under sponsored research projects. The work may include new product ideas, novel materials and processes, product and process development, modification of existing product/process for yield improvement and/or cost reduction and any other mutually agreed area.

TECHNOLOGY TRANSFER: C-MET is continuously engaged in activity relating to technology transfer. It can take up pilot plant studies, feasibility studies, production start-up activity, etc. so that the technologies developed within C-MET can be effectively transferred to the industry.

CONSULTANCY: C-MET can provide expert advice and troubleshooting service to the industry for various day-to-day problems, yield improvement and data interpretation.

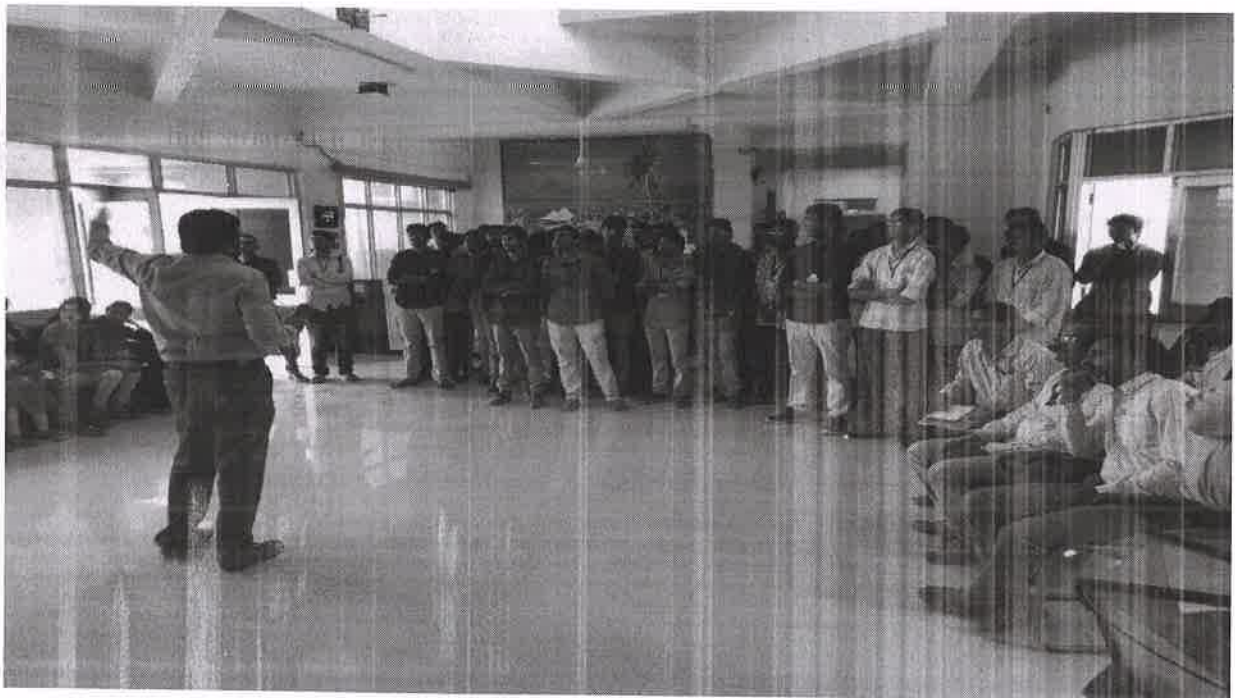
TECHNICAL SERVICES: C-MET provides sophisticated material characterization and testing services like XRD , SEM-EDAX, GD-OES, AAS, CHONS, HPLC, GPC, Ion Chromatography, Particle Size Measurement, , LCR Measurement, etc. for the industry. It can also provide other technical services like synthesis and supply of special materials and components, leasing of equipment, training to industry staff and supply of scientific and technical information.

Out of the above activities direct customer services extended by C-MET is the technical services through characterization and testing.


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Industrial Visit To E-Waste Plant at C-MET, Charalapally, Hyderabad.



Dr. S. Rajesh Kumar, (Scientist-E, C-MET) Explaining the E-Waste Recycling Processes Methods to the Students


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Students walk around to the E- Waste Plant at C-MET



Dr. S. Rajesh Kumar, (Scientist-E, C-MET) Appreciating Miss. P. Divya (ME-III Year , B.Tech Student) With A Present for Active Participation



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Dr. S. Rajesh Kumar, (Scientist-E, C-MET) Appreciating Mr. M. Raj Kumar (ME-III Year, B.Tech Student) for Active Participation.



Appreciation to Mr. K. Venkatesh (Assistant Professor) Faculty Coordinators for encouraging students to visit Industries.


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Appreciation to Mr. K. Niranjan Kumar & Mr. B. Srinivasa Reddy (Assistant Professors) Faculty Coordinators for encouraging students to visit Industries.



Students Advance Step Towards "Swachhta Pakwada" A "Swachhta Bharat" initiative by the Government of India.


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CHEERYAL (V), KEESARA (M), R.R. DIST. 501301

(Permanently Affiliated to JNTUH, Approved by AICTE, NEW DELHI, ACCREDITED BY NBA)

DEPARTMENT OF MECHANICAL ENGINEERING

Student feedback on "Awareness Program on Recycling Processing Methods of E-Waste" at Centre for Materials for Electronics of Technology (C-MET)

(Under Ministry of Electronics & Information Technology, Govt. of India)

Charalapally, Hyderabad

On 07th February, 2020 for III B.Tech., II semester (ME-A) students

-
1. Was this your first industrial visit? Yes/No
 2. How was your experience at the INDUSTRIAL VISIT?
 - a. Exceptional
 - b. Very good
 - c. Good
 - d. Average
 3. How would you rate your overall experience of the visit on the scale of 1-5? _____
 4. Was the industrial visit coordinator co-operative with you? Yes/No
 5. Did the industrial visit was as per your expectations? Yes/No
If "No", what expectation of yours we couldn't met, describe in few words
 6. Was the industrial visit educational? Yes/No
 7. Which part of the trip you disliked, describe in few words?
 8. Were you satisfied with the type of service you received in the whole industrial visit?
Yes/No

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Permanently affiliated to JNTUH, Approved by AICTE Newdelhi

Accredited by NAAC with A grade and NBA

Cheeryal (V), Keesara (M), Medchal Dist. 501301

DEPARTMENT OF MECHANICAL ENGINEERING

Date: 26/02/2020

CIRCULAR

Sub: Industry Visit schedule for III Year, II semester A&B Section students.

This is to inform to all III B. Tech students that “**KALBURGI CEMENTS Pvt. Ltd**” **Chatrasala, Karnataka**, industry visit is scheduled on 29th February, 2020. In this regard, all students must reach by 9.00 A.M. to GCET with their college ID cards, formal dress and shoes without fail.

S. No.	Year/ Section	Date	TIME
1	III / I sem. A- Sec.	29/02/2020	9.30 AM to 4.00 PM
2	III / I sem. B- Sec.	29/02/2020	9.30 AM to 4.00 PM

Note: Mandatory requirements

- Formal dress and college ID card during industry visit.

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HoD., ME.

Dr. T. Shiva Prasad

Coordinators:

1. Dr. K. Subhash Kamal
2. Mr. P. Laxmi Reddy
3. Mr. P. sathyanarayana

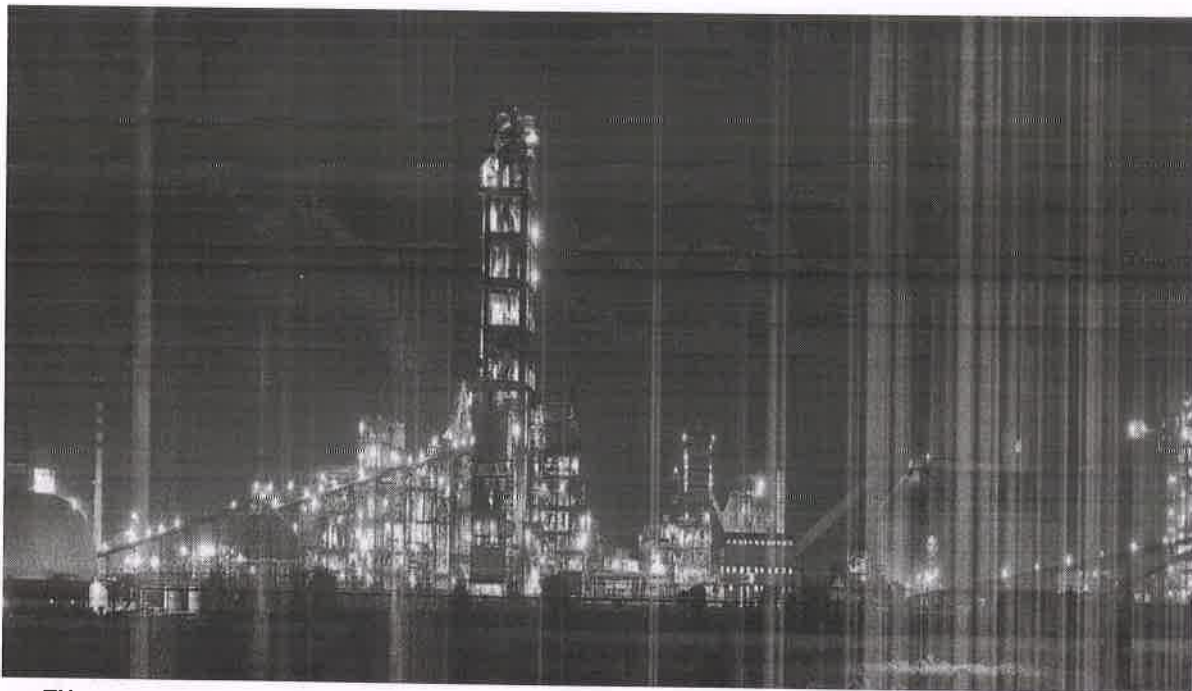
INDUSTRIAL VISIT



Vicat, France



**KALBURGI
CEMENT**



28TH FEBRUARY, 2020

GEETHANJALI COLLEGE OF ENGINEERING AND TECHNOLOGY

Authored by: Rahul Reddy. Sandi

Faculty Members Assisted: Dr. K. Subhash Kamal

Mr. P. Laxmi Reddy

Mr. P. Satyanarayana


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6.	Acknowledgement	11



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COMPANY DETAILS

Kalburgi Cement Private Limited is a 100% owned subsidiary of Vicat Group in India. The company was established in 2008, as a joint venture (Vicat Sagar Cement Pvt. Ltd.) between French cement major, Vicat and Sagar Cements in India.

Vicat held 53% stake and subsequently bought 100% stake in 2015. Post-acquisition, it was renamed as **Kalburgi Cement Private Limited**

Kalburgi Cement has a production capacity of over 2.75 MTPA with a state-of-the-art manufacturing facility located at Chatrasala, in Kalaburagi district of Karnataka. The company markets its products under the brand name of "**Bharathi Cement**" since 2013 to ensure operational synergies between operating companies of Vicat in India.

Bharathi Cement is served primarily for 3 states i.e. Maharashtra, North Karnataka and Telangana from this location.

The total capacity of the plant is being built in 3 phases at Chatrasala and can have a total annual capacity of 8.25 million tones – each phase having a capacity of 2.75 MTPA. The first phase also has a 30MW Captive Power Plant and Waste Heat Recovery System of 8.4MW. To meet the future expansion demands and seamless logistic activities a complete Rail and Road infrastructure is already in place. The first phase of the plant commenced its production on 16 January 2013.

Kalburgi Cement plant is built with ultra-modern German and Danish Technology - a unique tech-no-advancement in Indian Cement industry. The Technological selection of equipment's makes this plant one of the most energy efficient plant.

This plant has a world class "**Central Control Room**" and is designed considering best aesthetics and ergonomics providing a very healthy and lively ambience to ensure and maintain team's high energy level at the plant. The control room also accommodates a Robotic Lab, and a Technical Library at the heart of the plant for close monitoring and efficient operations of plant.

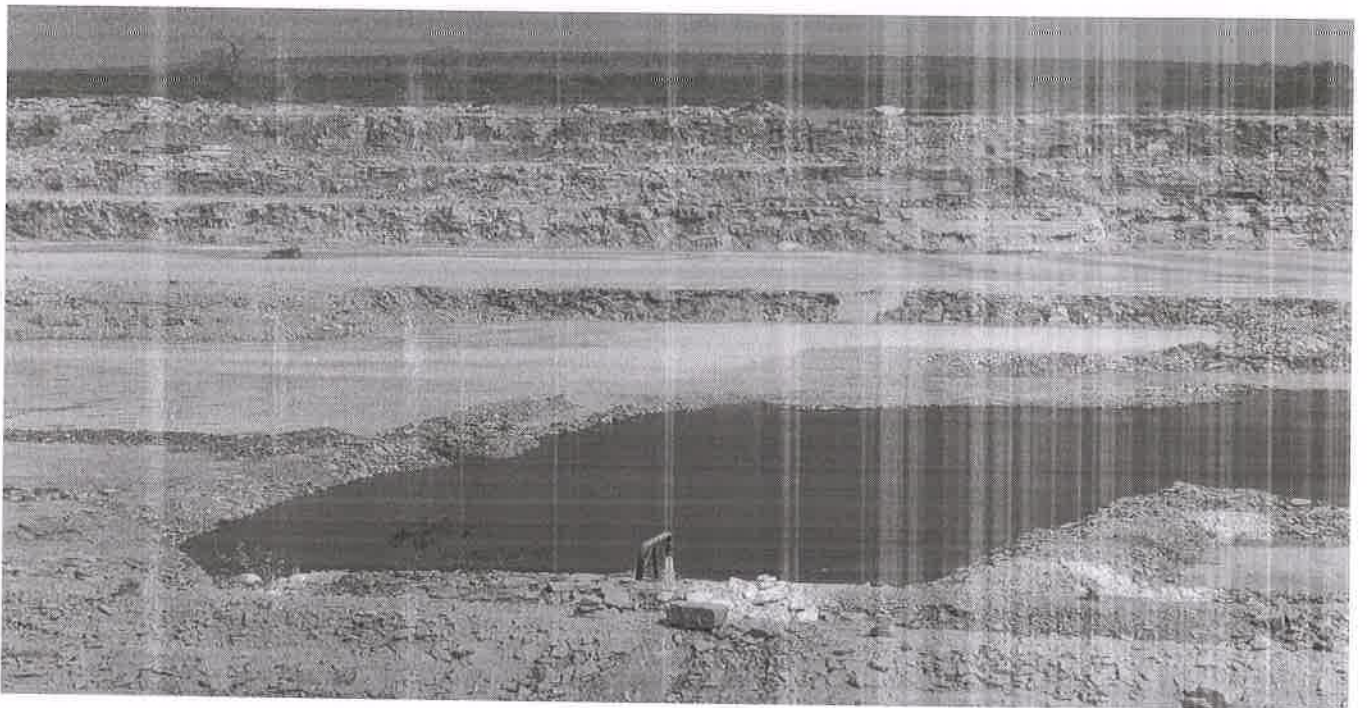
This plant is also having a distinguished feature than other cement plants i.e. "**Concrete Laboratory**". It helps analyze the performance of cement in concrete so as to help customers to optimize cement usage for their specific construction requirements.



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LIME STONE QUARRY



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An artificial lake has been created named sarasika to maintain bio-diversity, also to use for quarry needs like to sprinkle water over the bed to reduce the air pollution (dust raised due to mining). Heavy excavators and trucks are used in transportation of lime stone (raw material) from mining area to cement production line.

There are around 8 trucks for transportation of raw material to production line.

Truck:

- 1) 3800cc, 6-cylinder Diesel engine.
- 2) Rear- wheel drive.
- 3) Weight- 125 metric ton.
- 4) Speed- 65kmph but utilized for 25kmph.
- 5) Fuel required- 90 lit/hr.
- 6) Oil required- 4000 lit/hr.
- 7) Highest H.P. - 740.
- 8) Manganese steel grade 4 chain is used for vehicle transmission because of its low wear rate.



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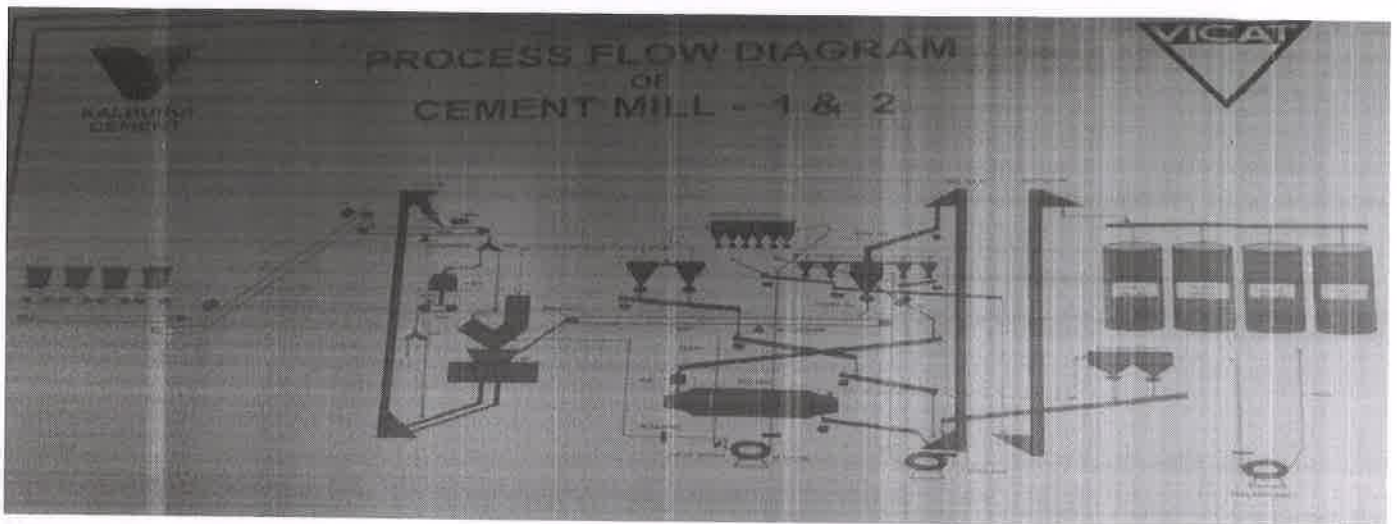
CEMENT PREPARATION

RAW MATERIAL

→ High grade lime stone = 90%
→ Low grade lime stone
+
Laterite (iron + alumina) = 10% (vary according to quality
requirement)
+
Feldspar

The lime stone from mining area is first sent to crushing unit, so that bigger pieces of stone gets converted into smaller ones, it is then fed over magnetic conveyer belt, so that only lime stone gets segregated from metallic material and from there the bucket elevator puts the raw material between the two rollers in which one is fixed and other moves horizontally rotating towards the fixed rotating roller. Each roller is 1.5m in diameter and 2.05m in length. The movable roller exerts a hydraulic pressure of about 120-140 bar that gets converted into 180-200Mpa inclusion of the rollers weight. The bucket elevator puts it from a height of 160ft in between the rollers.

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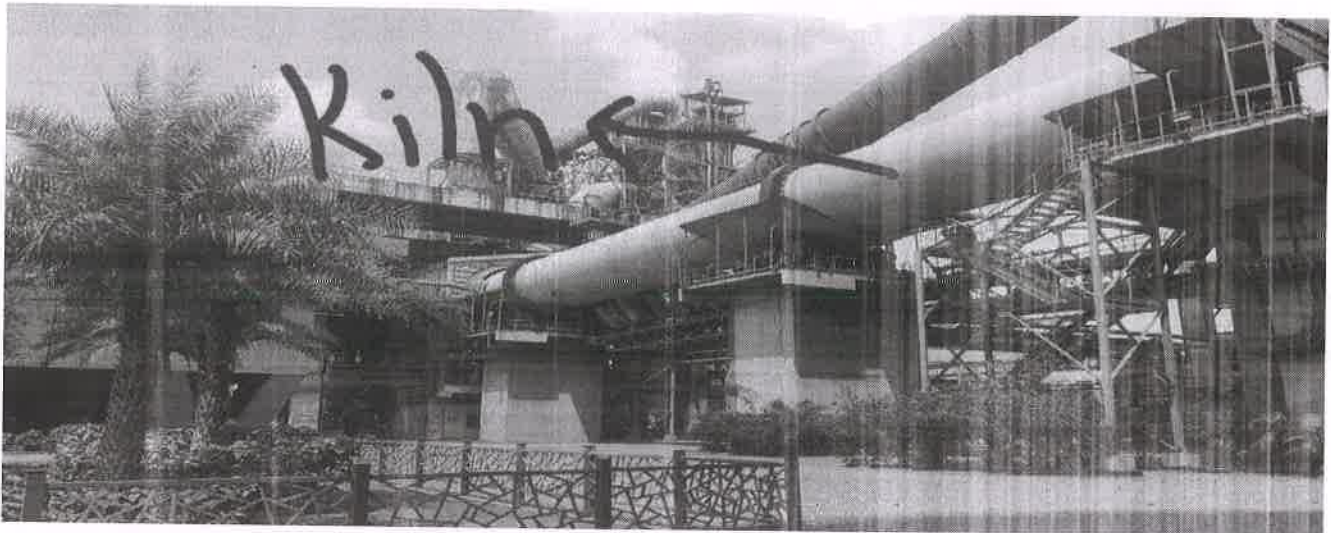
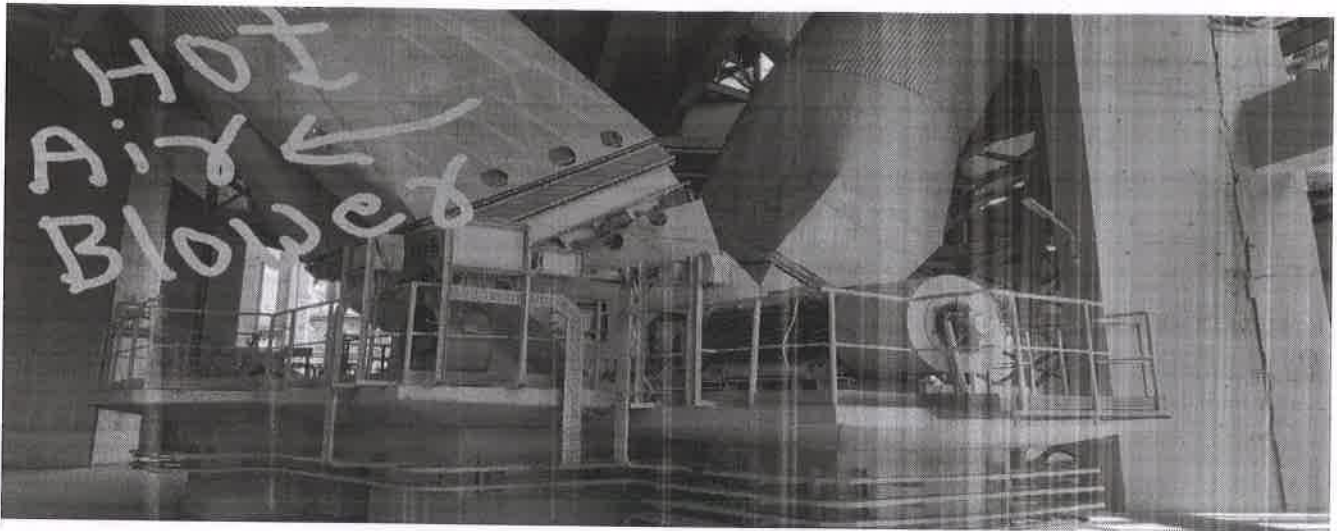


The obtained product at the end of this process is stored in silos. Stored raw material is then sent to kiln, where 12 cyclones would be present, which remove particulate matter from flue gases generated due to burning of raw material. At the entry to kiln the temperature will be about 1000°C . In kiln the temperature will be about 1400°C .

The kiln has hot exhaust stream where waste heat could be recovered. The heat from this exhaust stream is recovered and is used to preheat the raw material before entering into the kiln and can also be used for power generation with steam cycles. The hot blast of air in kiln sent through the cyclone's remove moisture. The temperature at the exit of the kiln will be about $900-1120^{\circ}\text{C}$. After this process clinkers are formed usually 3 millimeters (0.12 in) to 25 millimeters (0.98 in) in diameter. Air is removed from the dust at the end of kiln and dust undergoes the same process from raw mill... There are two fire points in this process, one at the exit of the kiln and another at the cyclone's bottom. Clinker is quenched by blowing cold air onto them reducing its temperature to $150-180^{\circ}\text{C}$.

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It is then grinded to fine powder called cement and is mixed with gypsum to control the setting properties.

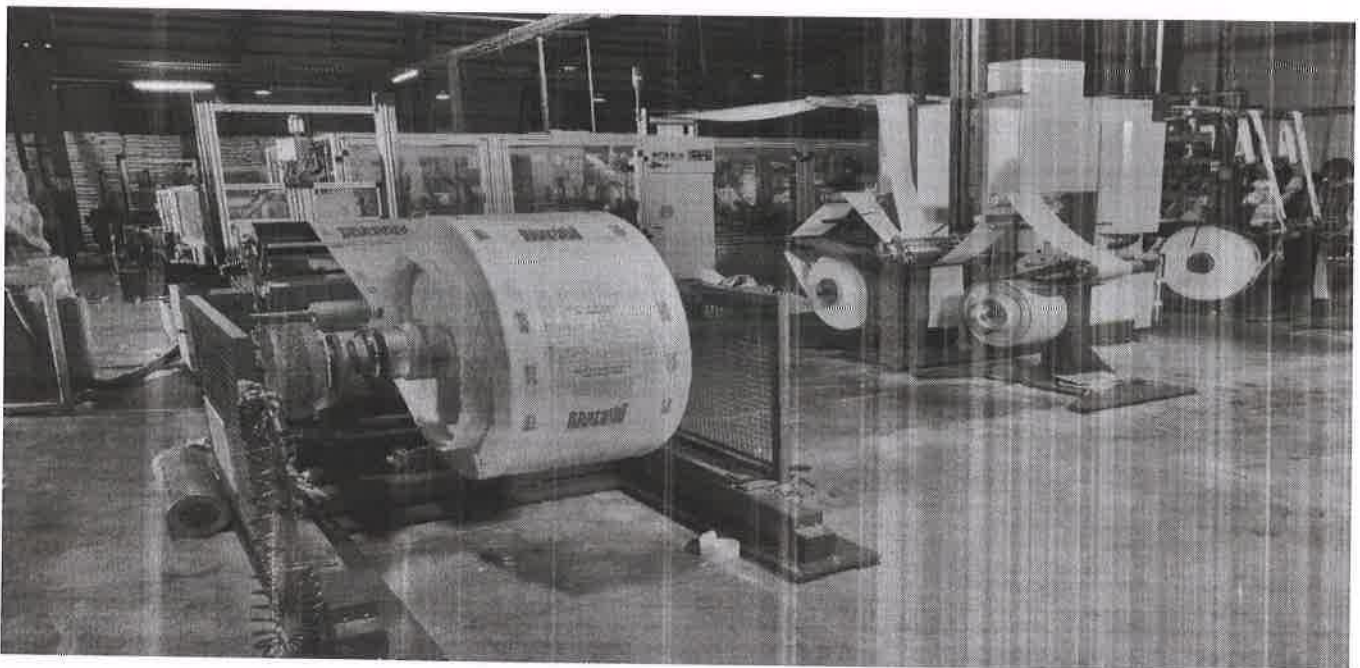
All these processes are controlled and maintained from the central control room.


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QUALITY CONTROL & PACKAGING

Then comes the quality control, where various processes are involved to check the quality of cement obtained. This Quality control involve RCV where sample of cement is received in recipient fraction, PSZ (particle size analyzer), TTR (Turn table rack) here positioning is given and robot takes from there and is sent for palette formation ,MPR which makes palette samples by adding cellulose, XRD (X- ray diffraction) & XRF (X- ray fluorescence) which check chemical content and proportion. All are checked LSF (lime saturation factor), SLM (Silicon modulus), ALM (Alumina modulus), proportions of Si, Al, Fe, Ca, Mg, Na, K, S. If there is small error in proportion also, all the clinkers are again crushed and the process is to be repeated from first onwards, in order to maintain proper proportion in the cement.

If everything is in proportion, the cement is sent for packing in packaging unit, where PP (Polypropylene) laminated bags are used for packaging of cement.



We went to thermal power plant post lunch.


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THERMAL POWER PLANT

A 10MW thermal power has been established by the Kalburgi Cement Industry, in order to produce power from the Waste heat from the hot exhaust streams of kiln and clinker cooler. Organic Rankine cycle (ORC) and the Kalina cycle have been considered for use in power production.

Boiler Specifications:

Rated Temperature = $515 \pm 5^{\circ}\text{C}$, $515 - 5^{\circ}\text{C}$

Rated Pressure = 108 kg/cm^2

Steam production = 130 Tonnes/hr

Turbine Specifications:

Rated Power = 3000 KW

Rated Speed = 18000 rpm

Inlet Temp. = 510°C

Exhaust Temp. = 61.76°C

Alternator Specifications:


Rated Power = 37500 KVA

Rated Voltage = 11000 V

Rated Current = 1968 A

Rated Speed = 1500 rpm

Frequency = 50 Hz


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ACKNOWLEDGEMENT

In this way we ended up our day at Kalburgi Cement Industry.

We were very much anxious and furious about our visit, as we were going to learn something new and see the real-life applications of our theory learnt in college. We could see some advanced technology used in quality control and check of the product developed.

We sincerely thank our Chairman Mr. Ravinder Reddy, Principal Dr. Uday Kumar Susarla, Mechanical department HoD Dr. T. Siva Prasad and department professors who made this happen and will also be thankful to the professors Dr. K. Subash Kamal, Mr. P. Laxmi Reddy, Mr. P. Satyanarayana who are involved in this visit for making it a memorable & dissemination of knowledge visit.

We would also like to thank all the industry experts and engineers of the Kalburgi Bharathi Cement for spending their valuable time for sharing their experience and knowledge about the machinery and processes involved from raw material to the product.




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Geethanjali

Phone : 9182058186

Website: www.geethanjaliinstitutions.com

info@gcet.edu.in

Geethanjali College of Engineering and Technology

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Sy.No. 33 & 34, Cheeryal (V), Keesara (M), Medchal District. - 501 301.

To
The Plant Head,
Suvidha Inspection Methods & Systems,
Bharat Nagar,
Cherlapalli,
Hyderabad, Telangana 500013.

Date: 31th July 2019

Respected Sir,

Sub: Permission to visit **Suvidha Inspection Methods & Systems** for our UG Students-reg.

We introduce ourselves as Geethanjali college of Engineering and Technology, which started functioning from the year of 2005. We offer courses at the undergraduate level in five areas of Engineering namely Mechanical Engineering (ME), Civil Engineering (CE), Computer Science and Engineering (CSE), Electrical and Electronics Engineering (EEE) and Electronics and Communication Engineering (ECE).

As part of educational tour to industry, we are planning to arrange a visit to various process involved in your esteemed organization "**Suvidha Inspection Methods & Systems**" in the month of August 2019 preferably on 2nd or 3rd. All the students belong to **IV B.Tech I Semester Mechanical Engineering** discipline.

We request you to grant permission to visit your organization for 60 students per day along with four faculty members and also please arrange guides at your plant.

Thanking you and looking forward for your favor.


Dr. T. Siva Prasad

HOD- ME

Sponsored by **TEJA EDUCATIONAL SOCIETY, HYDERABAD**

Office : Sy. No. 33 & 34, Cheeryal (V), Keesara (M), Medchal Dist. - 501 301.

Phones : 9182058196, 9182058198

Permission to Industrial visit

2 messages

satya p <satyamech343@gmail.com>
To: sales@simsndt.com, sims_ndt@yahoo.co.in

Wed, Jul 31, 2019 at 12:45 PM

To
The Plant Head,
Suvidha Inspection Methods & Systems,
Bharat Nagar,
Cherlapalli,
Hyderabad, Telangana 500013.

Date: 31th July 2019

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Industrial visit letter 1.jpeg.jpeg
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Cheerlat (V), Keesera (M), R.R. Dist. (A.P.) - 501 304

SIMS <sims_ndt@yahoo.co.in>
Reply-To: SIMS <sims_ndt@yahoo.co.in>
To: satya p <satyamech343@gmail.com>
Cc: SIMS SALES <sales@simsndt.com>

Wed, Jul 31, 2019 at 10:29 PM

Dear sir,

With reference to your letter dtd.31.07.2019, we would like to confirm that you can send your students along with faculty on 2nd and 3rd day of Aug'19 to our organization for educational tour.

Thanks & Regards,

RMK Murthy
Managing Director

Suvidha Inspection Methods & Systems

Plot # 40/B, Phase-II, IDA Cherlapally,

Hyderabad, Telangana - 500051

L: 7207092125

M. 9440066029/9553200700

Email: sims_ndt@yahoo.co.in | sales@simsndt.com

For General Queries: info@simsndt.com

Website: www.simsndt.com



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DEPARTMENT OF MECHANICAL ENGINEERING

Date: 31/07/2019

CIRCULAR

Sub: Industry Visit schedules for B.Tech ME IV Year A&B Section students-Reg.,


This is to inform to all IV B.Tech students that Suvidha Inspection Methods & Systems (SIMS) Industrial Visit at cherlapalli, Hyderabad, Telangana is scheduled from 2/08/2019 to 3/08/2019. In this regard, all the students must reach by 9.00 am to GCET with their college ID Cards, with formal dress and shoes without fail.


S NO	YEAR/SEC	DATE	TIME
1	IV B. Tech., (ME) Sec-A	02/08/2019 (Friday)	9.15 AM to 3.15 PM
2	IV B. Tech., (ME) Sec -B	03/08/2019 (Saturday)	9.15 AM to 3.15 PM

Note: mandatory requirements

Formal dress code and college ID card during industry visit.

Coordinators:

Mr.K.Jithender Reddy, Assoc. Prof 
Mr. P.Satyanarayana, Asst. Prof
Mr.B.V.Sravan, Asst.Prof


Dr. T. Siva Prasad .
HoD.MED

Copy to: Notice board, Circular to students


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Cheeryal (V), Keesara (M), R.R. Dist. (A.P.) - 501 301



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Sy.No. 33 & 34, Cheeryal (V), Keesara (M), Medchal District. - 501 301.

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Date: 31th July 2019

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HOD- ME


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Phones : 9182058196, 9182058198



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DEPARTMENT OF MECHANICAL ENGINEERING

**A Report on industrial visit at
Suvidha Inspection Methods & Systems (SIMS)**

On

2nd & 3rd August 2019

For IV B.Tech., I Semester Students



Mr.P Satyanarayana

Asst.Professor

Department of Mechanical Engineering


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ABOUT SIMS

SIMS (Suvidha Inspection Methods & Systems) is an ISO 9001-2015 certified company founded in 2001, with the objective of providing NDT Products & Services with the level of quality, reliability and integrity demanded by various industries that rely on Non Destructive Testing methods.

SIMS manufactures very high quality testing instruments for MPI (Magnetic Particle Inspection), UV (Ultra Violet Inspection), LPT Consumables, Radiographic Film Viewers and also provides a spectrum of Accessories. Some of our venerable clientele include BHEL, Department of Atomic Energy, Indian Railways, Ordnance Factory, NTPC, L&T, MIDHANI, NILE Ltd., OCTL, RANE Group, Harihara Alloys, ISGEC, Ultra Tech Cements, UP Steels, VA Tech Hydro Ltd., Fine Forge Ltd., BSCPL, Megha Engineering, Aurobindo Pharma, Dr.Reddys Labs, Power Mech Projects Ltd., KLR Universal, Pitti Castings, Sara Sae, Atlas Capco and Arani Power.

A visit was carried out at Suvidha Inspection Methods & Systems (SIMS) on 2nd & 3rd August 2019 for IV B.Tech., I Semester students of Section–A and Section–B respectively. The main objective behind the visit was to make students aware of various NDT processes and NDT Equipment.

I along with Mr.B.V.Sravan made an initial visit to study the facilities of SIMS and their relevance to our students on 31st July 2019. Mr.R K Murthy, Director of SIMS took us to all the NDT facilities of SIMS, where we could physically see all their equipments and the facilities for training students and also interact with their instructors..

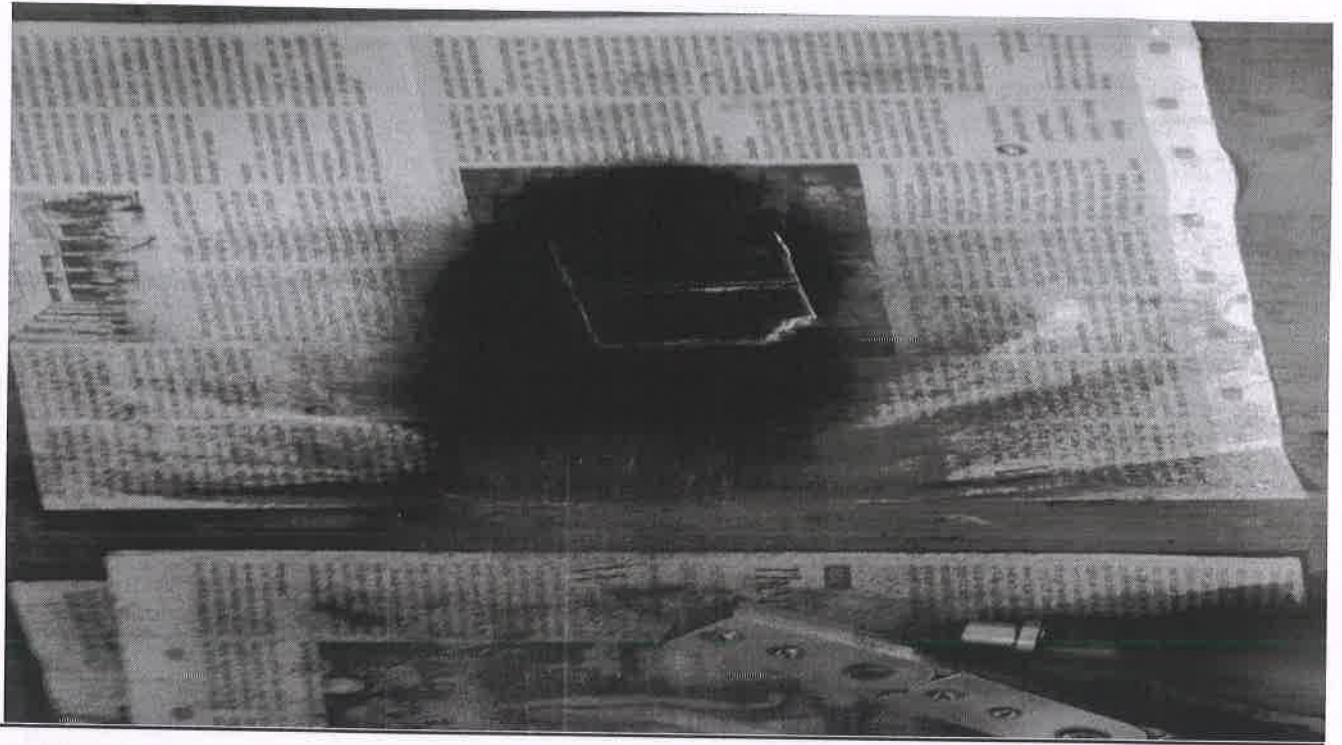
We reached SIMS at before noon and met Mr.R K Murthy. He and another instructor divided the students into two batches along with two faculty members of GCET and then the visit to various testing equipment used in NDT .

Students were taken knowledge on following Tests:

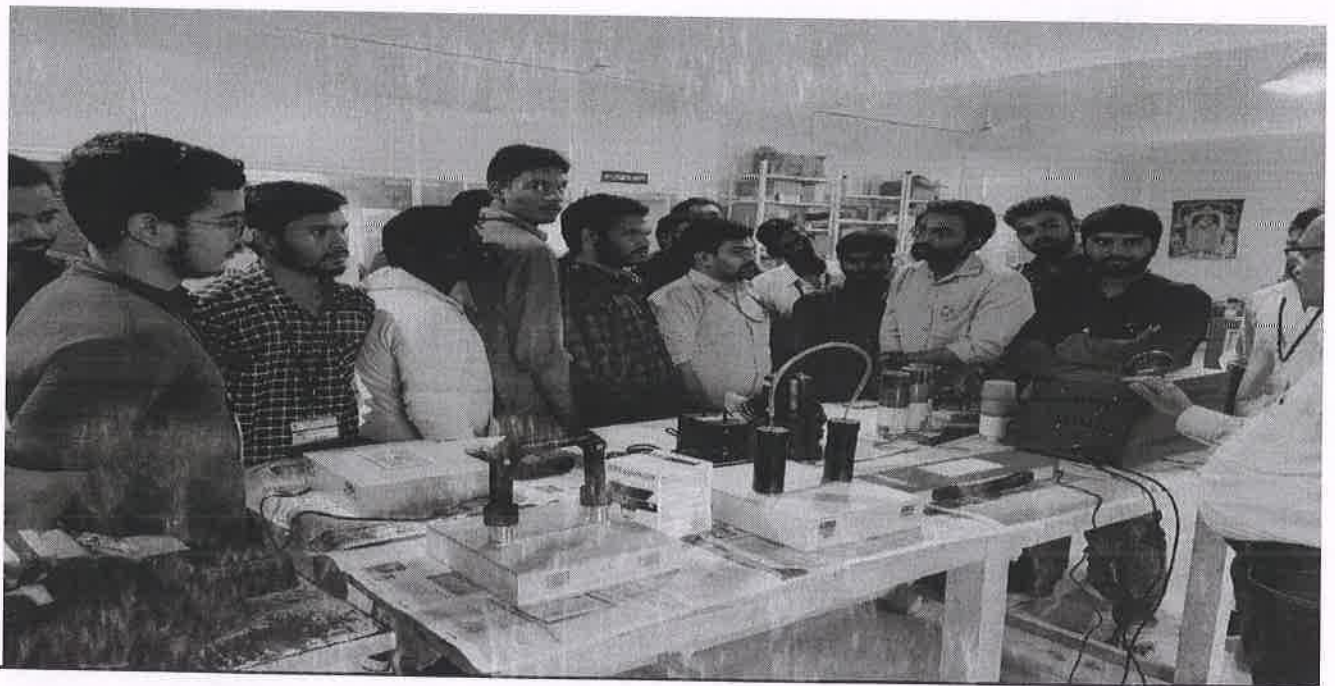
1. Liquid Penetrant Testing.
2. Magnetic Particle Inspection.
3. Ultrasonic Testing
4. Radiography
5. Eddy Current



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Liquid Penetrant Testing

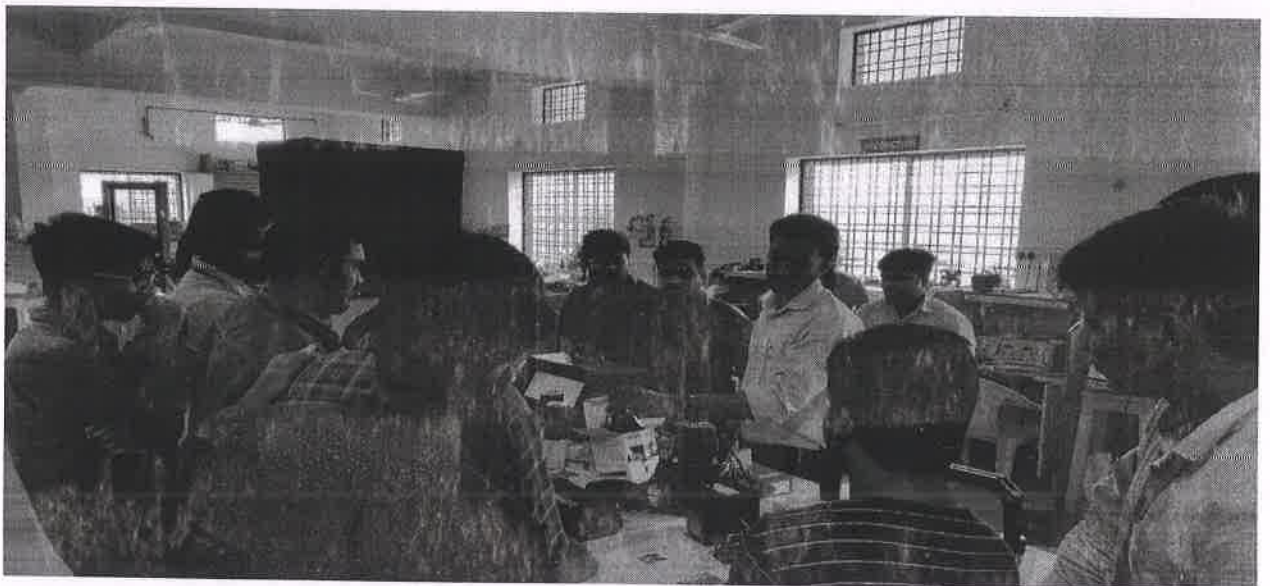


Magnetic Particle Inspection Equipment


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Ultrasonic Testing



Radiography

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Group Photo with Director

We concluded the visit with the following understandings based on the feedback both from the faculty and the students

1. At SIMS, Students can undergo various NDT processes which increase their skill and practical knowledge.
2. Students of Mechanical Engineering can do mini projects on NDT, which are given in the SIMS.
3. Students got knowledge on various certification levels in NDT which enhance their future career.

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DEPARTMENT OF MECHANICAL ENGINEERING

Student Feedback on industrial visit at

Suvidha Inspection Methods & Systems (SIMS)

On 2nd-3rd August 2019 for IV B.Tech I Semester Students

1. Was this your first industrial visit? Yes/No
2. How was your experience at the INDUSTRIAL VISIT?
 - a. Exceptional
 - b. Very good
 - c. Good
 - d. Average
3. How would you rate your overall experience of the visit on the scale of 1-5? _____
4. Was the industrial visit coordinator co-operative with you? Yes/No
5. Did the industrial visit was as per your expectations? Yes/No
If "No", what expectation of yours we couldn't met, describe in few words
6. Was the industrial visit educational? Yes/No
7. Which part of the trip you disliked, describe in few words?
8. Would you like to join us for further industrial visits? Yes/No
9. Were you satisfied with the type of service you received in the whole tour of industrial visit?

Yes/No


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(Cheruvu (Y), Keosara (M), R.R. Dist. (A.P.) - 501 301)

S.NO	DAY	YEAR & SECTION	No. Of Students Present
1.	2/08/2019 (Friday)	IV-A	33
2.	3/08/2019 (Saturday)	IV-B	30

GROUP HEAD

Dr.Subash Kamal


2/8/2019


HOD

Dr.T.Siva Prasad

FACULTY COORDINATORS

P.Satyanarayana Asst.Prof



B.V.Sravan. Asst.Prof













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GEETHANJALI COLLEGE OF ENGINEERING & TECHNOLOGY
Cheeryal (V), Keesara (M).MEDCHAL. DIST, T.S. 501 301
INDUSTRIAL VISIT ON 03/08/2019
B.TECH- IV-B SECTION, I SEMESTER - A.Y.2019-20

S.No	Roll No	Student Name	Signature
1	16R11A0350	ATHALURI NAGA SARVANI	
2	16R11A0358	GADARAJU VARUN RAJU	
3	16R11A0361	GUNDU KARTHIK	
4	16R11A0362	GUNDU MUKESH	
5	16R11A0363	J UMA MAHESHWAR REDDY	
6	16R11A0364	JAGANNATH BALAJI	
7	16R11A0365	KAMUNI WILLIAM	
8	16R11A0366	KATKAM AKSHITHA REDDY	
9	16R11A0367	KODAMALA PRAVEEN	K. Praveen
10	16R11A0368	M ARUN	
11	16R11A0369	M BHARGAVA RAM	
12	16R11A0370	MANDA ABHIJIT	
13	16R11A0371	MANNE NARESH	
14	16R11A0372	MOHAMMAD SOHEL	
15	16R11A0373	MOHAMMED SHAH FAHAD KHAN	
16	16R11A0374	MORISHETTY NIKHIL	
17	16R11A0375	MUTHYALA MANASA PRIYA	
18	16R11A0376	PARASA RAJESH	
19	16R11A0377	PICHKA NAGA JAYANTH	Jayanthi
20	16R11A0378	POTHULA CHUCHARITA	Chucharita
21	16R11A0379	POTLAPALLI SAI	Sai
22	16R11A0380	RAHUL KUMAR NALUBANDHU	
23	16R11A0381	RAJULU DINESH	
24	16R11A0382	RALLABANDI KEERTHI	
25	16R11A0383	RAMAVATH PAVAN KUMAR	
26	16R11A0384	MUDILI NISCHALA	M.Nischala
27	16R11A0385	SHASHANK SINGH	
28	16R11A0386	SINGIREDDY CHANDRA SHEKAR REDDY	
29	16R11A0387	SRI HARSHA REDDY BOLLAMPALLY	
30	16R11A0388	SURESH AMULYA RAO	
31	16R11A0390	TEJA PRATHAP MANERU	
32	16R11A0391	VADDEPALLY CHANDU	
33	16R11A0392	VAJIR PRASAD RAO	
34	16R11A0394	G SHAIK SAIFALI	
35	16R11A0396	AAKASH MORE	
36	16R11A0397	ARJUNA VINAY KUMAR	
37	16R11A0398	BAIYYA ARAVIND	
38	16R11A0399	BANOTH VAMSHI KUMAR	
39	16R11A03A0	DOMMARAJU SAI REVANTH RAJU	
40	16R11A03A4	NANDYALA SIDHU	
41	16R11A03A5	PARUCHURI TARUN SAI	


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42	16R11A03A6	POLOJU NAVODAY	
43	16R11A03A7	R OMKAR GOUD	Omkar
44	16R11A03A8	RANGA SRIKANTH GOUD	Ranga
45	16R11A03A9	SUKHJINDER SINGH	
46	16R11A03B0	VALLABHANENI SAI HARSHA	Harsha
47	16R11A03B1	VARANASI CHANDRADHAR	
48	16R11A03B2	YADLAPALLY GOUTHAM SAI TEJA	
49	16R11A03B3	THATIKONDA SUNILKUMAR	Sunil
50	17R15A0313	GUNDEKARI NARESH	Narash
51	17R15A0314	SARA SAI KIRAN	Sai Kiran
52	17R15A0315	T V DEVA BHARGAVA RAO	T.V. Deva
53	17R15A0316	A NAVEEN KUMAR	
54	17R15A0317	KATRAVATH SURESH KUMAR	S. Suresh
55	17R15A0318	R MAHESHWARA CHARY	
56	17R15A0319	CHEVULAMADDI KRANTHI KUMAR	Kranthi
57	17R15A0320	SHAIK JAWBED	Shaik Jawbed
58	17R15A0321	BUDIGEPAKA SAI KUMAR	
59	17R15A0323	DASARI GOPI CHANDAR	Gopichandar
60	17R15A0324	KODARI RAJKUMAR	Rajkumar
61	17R15A0325	PILLALAMARRI SHIVA PRASAD	
62	17R15A0326	JAKKULA VAMSHI	Vamshi
63	17R15A0327	MD ASATH	Asath
64	17R15A0328	BHUKYA SATHISH	Sathish
65	17R15A0329	BONAGIRI SRI SAI KALYAN	
66	17R15A0330	METTU RAJ KUMAR	Raj Kumar

CO-ORDINATOR: K. JITHENDAR REDDY, Assoc. Prof

HOD

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Department of Mechanical Engineering
Geethanjali College of Engineering & Technology, Hyd.

Date: 07/09/2019.

To,
The Head of the Department
Department of mechanical Engineering
GCET

Sub: Brief report on industrial visit – Lokesh Machines Limited-Auto Component Plant at Medchal.

Plant location: Lokesh Machines Limited
Survey No. 16, Shazaguda Village,
Medchal, Ranga Reddy, Telangana, India - - 501 401

About Lokesh Machines Limited:

Mr. Mullapudi Lokeswara Rao, Managing Director, is the promoter of **Lokesh Machines Ltd**, with more than 46 years of vast experience in the machine tool industry. He has started his career with KCP Limited in 1965 and after a brief stint joined Hindustan Machine Tools Limited (HMT) in 1966, while working at HMT for almost a decade, Mr. Rao has obtained a methodical understanding and insight of the manufacturing industry. The manufacturing insights supplemented with the entrepreneurial abilities prompted Mr. Rao to start Lokesh Machines Limited.

Lokesh Machines Limited was incorporated on 17th December 1983 and started commercial operations in 1985 at Hyderabad. Presently Lokesh is operating from five locations in Hyderabad and Pune.

Lokesh exports CNC machines to Japan, Germany, Netherlands, Italy, Turkey, China and Middle East countries. Lokesh is listed on BSE and NSE. The IPO was issued in 2007. Lokesh is ISO 9001:2008 & TS 16949:2009 certified by TUV Nord.

Lokesh provided direct employment to over 750 people and indirect employment to over 2000 people. Lokesh is also a leader in Cam & Crank borers, Fine borers & Finish Milling machines.

The latest achievement is the supply of a complete range of Special Purpose Machines to machine EURO VI compliant Engine Cylinder Blocks & Heads to M/s Volvo Eicher Commercial Vehicles Ltd. Lokesh ranks amongst the Top Five Machine Tool Manufacturers in the country.

Person whom Contacted for getting Permission: Jhimli Ghosh | AGM-HR & Admn | HRD
Mobile: 9836194781
Email: jhimlighosh@lokeshmachines.in

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Products Manufactured:

- Manufacturing of Cylinder Blocks (types: 2, 3 & 4 Cylinders) for supplying to Mahindra & Mahindra Motor Vehicles Ltd.

Lokesh manufacturing shops are equipped with world class machines & automation.

Certain major manufacturing machines are:

- JIG BORING MACHINES
- SIP
- MAS-WKV
- 5 FACE PLANO MILLERS
- WALDRICH COBURG
- PARPAS (5 AXIS)
- KAO MING
- HART FORD
- SLIDEWAY GRINDER
- WALDRICH COBURG
- PROTH
- JIG MILLS
- DEVLIEG
- MACHINING CENTRES
- MITSUI SEIKI
- MORI SEIKI
- MAKINO
- OKUMA
- CYLINDRICAL & INTERNAL GRINDERS
- STUDER
- FORTUNA
- SURFACE GRINDING MACHINES
- FIVE AXIS ROUTER THERMWOOD, USA
- CNC LATHES
- SUPPORTED BY MANY OTHER CONVENTIONAL MACHINES & HORIZONTAL BORING MILLS


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Quality labs equipped with the following major facilities:

- ❖ **LK 3:** Co-ordinate measuring machines
- ❖ **Hewlett Packard:** Laser interferometer
- ❖ **Renishaw:** Ball bar system
- ❖ **Renishaw:** Laser interferometer
- ❖ **Tesa/Trimos/Mitutoyo:** Digital height masters
- ❖ **TaylorHobson:** Surface finish tester

Following are the faculty members visited “**Lokesh Machines Limited-Auto Component Plant at Medchal**” on 05th and 06th September, 2019 at 10.45am.

1. Dr S Shyam Kumar, Professor of Mechanical Engineering
2. Dr S Sapthagiri, Professor of Mechanical Engineering
3. Mr. Praveen, Asst Professor of Mechanical Engineering

During the visit, following were the officials interacted. The policies, products and processes of the organization were explained.

1. Mr. B Ranga Reddy – Plant Maneger
2. Mr. Sudhaeshan – Works Manager.

Outcomes of the visit:

1. Mr. B Ranga Reddy – Plant Maneger, **Lokesh Machines Limited-Auto Component Plant** had given us a brief presentation about the History of the Industry, type of the plant, safety norms to be followed by visitors, followed by presentation High-Tea served to the visitors.
2. From the presentation board, Mr. Sudhaeshan – Works Manager had taken us to the various plants, where, our student’s undergone Industrial practical practices for nearly 4hrs 30 minutes.

Prominent processes of the plant: All the students were observed the following metal cutting operations:

1. **Various Milling Machining Operations:** carrying out on different types of CNC milling Machines.
2. **Drilling Machining Operations:** carrying out on different types of CNC drilling machines such as multi spindle draining machining, radial drilling machining, etc.
3. **Tapping Operations:** carrying out on different types of drilling machines such as multi spindle draining machining, radial drilling machining, etc.
4. **Boring operation:** carrying out on CNC vertical milling Machines.
5. **Quality Inspection:** All advanced metrology instruments such as CMM etc.

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We had wonderful discussions with many eminent technical people and engineers and learnt many more intricacies about the machining processes. I strongly believe that visit to **“Lokesh Machines Limited-Auto Component Plant at Medchal”** was really helpful for students to correlate the class activities to the ground level technological applications.

Enclosures:

1. Forwarded Request Letter from the Department
2. Approval Letter from Lokesh Machines Ltd
3. List of students attended this visit.
4. Photographs-during visiting.
5. Feed-back forms.

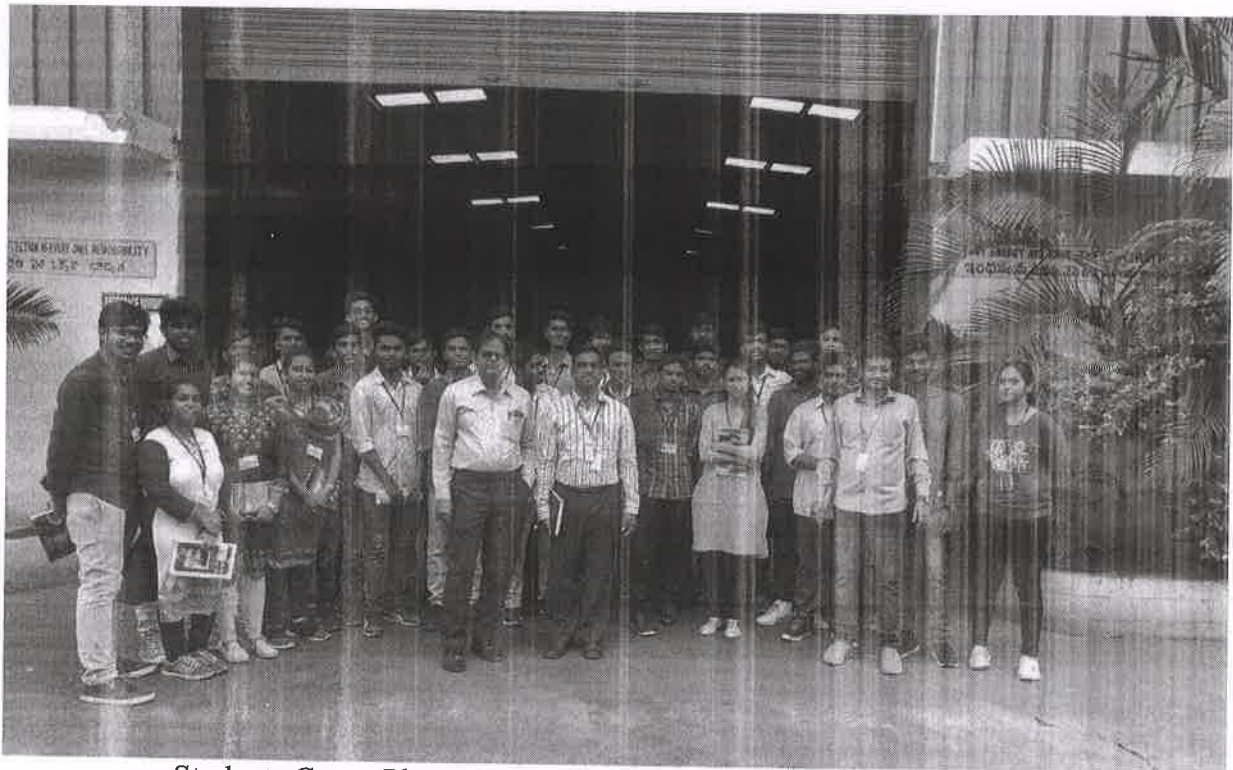


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Yours Sincerely,
(Dr. S Sapthagiri)
Production Group –Head, ME



Mr. B Ranga Reddy - Plant Manager, addressing the students



Students Group Photograph with Mr. B Ranga Reddy - Plant Manager,

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Students at Plant, Lokesh Machines Ltd

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DEPARTMENT OF MECHANICAL ENGINEERING

**A Report on industrial visit at
Suvidha Inspection Methods & Systems (SIMS)**

On

2nd & 3rd August 2019

For IV B.Tech., I Semester Students



Mr.P Satyanarayana

Asst.Professor

Department of Mechanical Engineering

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ABOUT SIMS

SIMS (Suvidha Inspection Methods & Systems) is an ISO 9001-2015 certified company founded in 2001, with the objective of providing NDT Products & Services with the level of quality, reliability and integrity demanded by various industries that rely on Non Destructive Testing methods.

SIMS manufactures very high quality testing instruments for MPI (Magnetic Particle Inspection), UV (Ultra Violet Inspection), LPT Consumables, Radiographic Film Viewers and also provides a spectrum of Accessories.

Some of our venerable clientele include BHEL, Department of Atomic Energy, Indian Railways, Ordnance Factory, NTPC, L&T, MIDHANI, NILE Ltd., OCTL, RANE Group, Harihara Alloys, ISGEC, Ultra Tech Cements, UP Steels, VA Tech Hydro Ltd., Fine Forge Ltd., BSCPL, Megha Engineering, Aurobindo Pharma, Dr.Reddys Labs, Power Mech Projects Ltd., KLR Universal, Pitti Castings, Sara Sae, Atlas Capco and Arani Power.

A visit was carried out at ADVANCED TRAINING INSTITUTE on 10th and 11th January 2018 for III B.Tech., II Semester students of Section-A and Section-B respectively. The main objective behind the visit was to make students aware of the facilities that are available at ATI to undergo various courses offered by them. The courses are primarily designed to impart hands on experience on CNCs, Industrial Automation, Quality control instruments, Autotronics, Mechatronics and Refrigeration and Air-conditioning equipments.

I along with Dr. M.Devaiah made an initial visit to study the facilities of ATI and their relevance to our students on 3rd January 2018. Mr. Vijay Krishna, Asst. Director of ATI took us to all the lab facilities of ATI, where we could physically see all their equipments and the facilities for training students and also interact with their instructors. At the end, we could interact with Mr. S. Suryanarayana, Joint director and Mr. Mihir Parial, Director of ATI, where we could get more input about the possibilities for the students' short term training programmes.

Subsequent to our visit, we have organized a visit for our students on 10-11th January 2018, to get familiarized with the training facility at ATI for our students to develop additional skills, so that they will in turn come up with good design and real time projects and thus become succeed in converting their innovative ideas into reality.



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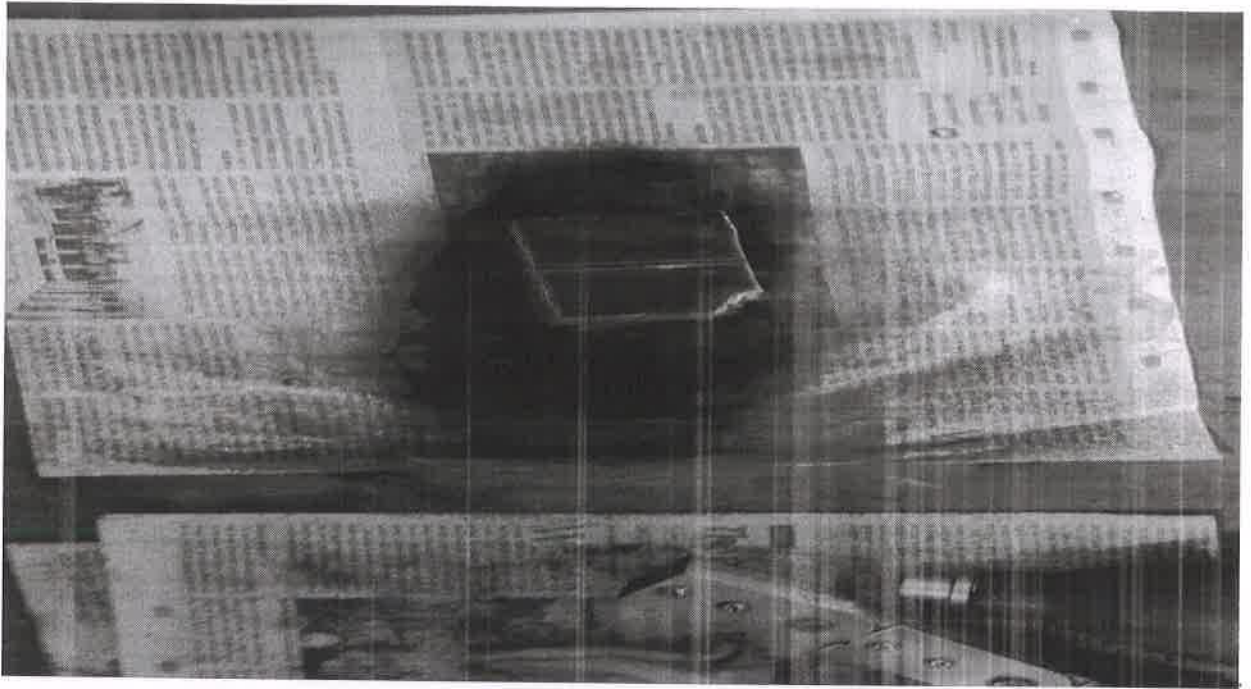
Advanced Training Institute (ATI) is located at Shivam Road, Vidyanagar, Hyderabad which is at a distance of 22 km from Geethanjali College of Engineering and Technology. I along with three faculty members (Mr.B.Subba Rao, Mr.V.Rajashekar, and Mr.P.Satyanarayana) accompanied by 48 students of Section-A on 10th January 2018 and 52 students of Section-B on 11th January 2018 along with two faculty members (Mr. P.Sandeep and Mrs. P.Sreelatha) visited ATI to familiarize students with the infrastructure facilities. We reached ATI at before noon and met Mr. Vijay Krishna. He and another instructor divided the students into two batches along with two faculty members of GCET and then the visit to various labs began.

Students were taken to the following labs:

1. Heat engines laboratory
2. Automobile-Centre of excellence
3. Pneumatics and Hydraulics controls lab
4. CNC Machine Lab
5. CAE, CAM lab
6. Metrology Lab
7. CMM
8. Refrigeration and Air-conditioning lab
9. Industrial automation lab
10. Advanced welding technology lab

In addition, students were given exposure to various labs related to electrical and electronics labs.





Liquid Penetrant Testing



Magnetic Particle Inspection Equipment

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Students at CMM



Students at CAE/CAM Lab



Students at Control Technology Lab



Students at COE-Automobile

At ATI, Students can undergo various courses which increase their skill and practical knowledge. Students of Mechanical Engineering can undergo training on various courses, which are given in the ATI website: <http://atihyderabad.ap.nic.in>. Courses offered in almost all areas concerned to Mechanical Engineering as per the ATI Training calendar.

We concluded the visit with the following understandings based on the feedback both from the faculty and the students

1. One week training per every semester should be made mandatory for all the students followed by the completion of I B.Tech., II Semester.
2. At least one week training for any one course should be facilitated to current II B.Tech., II Semester and III B.Tech., II Semester


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3. Two weeks training for every final year students related to their project problem should be made mandatory to result in good mini and major projects.



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Photo Gallery



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DEPARTMENT OF MECHANICAL ENGINEERING

Student Feedback on industrial visit at

Suvidha Inspection Methods & Systems (SIMS)

On 2nd-3rd August 2019 for IV B.Tech I Semester Students

1. Was this your first industrial visit? Yes/No

2. How was your experience at the INDUSTRIAL VISIT?
 - a. Exceptional
 - b. Very good
 - c. Good
 - d. Average

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3. How would you rate your overall experience of the visit on the scale of 1-5? _____
4. Was the industrial visit coordinator co-operative with you? Yes/No
5. Did the industrial visit was as per your expectations? Yes/No
If "No", what expectation of yours we couldn't met, describe in few words
6. Was the industrial visit educational? Yes/No
7. Which part of the trip you disliked, describe in few words?
8. Would you like to join us for further industrial visits? Yes/No
9. Were you satisfied with the type of service you received in the whole tour of industrial visit?
Yes/No



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Geethanjali

Phone : 9182058186

Website: www.geethanjaliinstitutions.com
info@gcet.edu.in

Geethanjali College of Engineering and Technology

AUTONOMOUS

(Accredited by NBA, Approved by AICTE, New Delhi)

Sy.No. 33 & 34, Cheeryal (V), Keesara (M), Medchal District. - 501 301.

To
Director,
M/s. Lokesh Machines Limited,
Hyderabad, Telangana 500037

Dear Sir,

Sub: Permission for Industrial Visit –Reg.

About our Institution: Geethanjali College of Engineering and Technology (GCET) was established in the year 2005 with the sole objective of providing quality technical education accessible and affordable to youth. The college has excellent infrastructural facilities and modern laboratories. It also has highly competent and dedicated faculty. College has been recognized as an R&D centre by Scientific and Industrial Research Organization (SIRO). The college offers Undergraduate programs in various engineering branches, namely CSE, ECE, EEE, ME and CE with a total intake of 840 students. All the eligible B. Tech programs are accredited by NBA. The college is accredited by NAAC with a score of 3.36 in AY 2017-18, which is highest by any institution that has gone for accreditation for the first time in both states of TS and AP. The institution was conferred status by UGC with effect from Academic Year 2016-17 for a period of six years. College is an ISO 9001:2015 certified Institution since 2011. GCET also offers postgraduate program in MBA with an intake of 60 students and M.Tech program in CSE discipline.

The department of **Mechanical Engineering** was established in the year 2011 with an intake of 60 students and then increased to 120 in the year 2013. Currently the department offers an under graduate program B. Tech in Mechanical Engineering with an annual intake of 120 students. The department is headed by **Dr. T. Siva Prasad**. He has 35 years of teaching experience in various reputed institutions and 3 years of industrial experience as Design and Marketing Engineer.

Request: With the stated preamble, Department of Mechanical Engineering is committed to impart practical knowledge to students on theory courses through Industrial visits. In this regard, may I request you to accord permission of our III B Tech (Mechanical Engineering)

Sponsored by **TEJA EDUCATIONAL SOCIETY, HYDERABAD**

Office : Sy. No. 33 & 34, Cheeryal (V), Keesara (M), Medchal Dist. - 501 301.

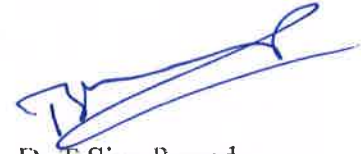
Phones : 9182058196, 9182058198

students, in batches along with two faculty members to visit your service plant preferably any two or three days during last week of August or first week of September, 2019. This will impart practical knowledge on a course 'Production Technology'.

Coordinating faculty: Dr. S Sapthagiri (Contact No.: 8499075588) and Mr. P Sandeep Kumar

Your consideration is highly solicited.

With regards,



Dr T Siva Prasad
HoD Mechanical Engineering

Head
Dept. of Mechanical Engineering
Geethanjali College of Engineering & Technology
Cheeryal (V), Keesara (M) Medchal (Dist.)



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Plant Visit

From: jhimlighosh@lokeshmachines.in

To: saphthagiri_sura@yahoo.com

Cc: rangareddy.b@lokeshmachines.in; hrdmedchal@lokeshmachines.in; balajim@lokeshmachines.in

Date: Tuesday, 3 September, 2019, 11:25 am IST

Dear Sir,

As discussed with you, your students along with faculty, can visit our Auto Component Plant at Medchal on 5th Sept & 6th Sept, 2019.

Any change of dates can be mutually agreed.

I have already shared with you the contact number of Mr. Ranga Reddy, HR Manager at the plant.

Please be in touch with him for any further details.

Regarding the batch size of students and the timings, etc., please be in touch with Mr. Ranga Reddy.

Regards,

Jhimli Ghosh | AGM-HR & Admn | HRD

Lokesh Machines Limited | Balanagar

Mobile: 9836194781

Website: www.lokeshmachines.com



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Geethanjali College of Engineering & Technology, Hyderabad
Department of Mechanical Engineering

Date: 04/09/2019

CIRCULAR

Subject: –Industrial Visit to LOKESH MACHINE TOOLS Pvt. Ltd.

Industrial visit for B Tech III year I- Semester (Section: B) students of academic year 2019-2020, is arranged on 05th, 06th & 07th September, 2019. All the students are divided in two groups. Accordingly the visit for the group-1 is scheduled on 05th September and for the Group-2 on 06th September, 2019. Students are informed to must carry: -

- Identity Card
- All students should be in Formal Dress only
- Note Book (For taking Notes etc.)

Objectives of Industrial visit:

1. To create awareness about manufacturing process of industry.
2. To give industrial exposure.

Departure Time : 9:30 A.M.

Arrival Time : 1:30 P.M.

Group-1: Roll no: 15R11A0319 – 376; 16R11A0301 – 325; & 17R11A0361 – 395; Batch size of 33 students.

Group-2: Roll no: 17R11A0399 – 3B4; 18R15A0314 – 27 and 17R15A0322 Batch size of 33 students

Following faculty members will accompany the students:

Group-1: Dr. S Sathagiri & Dr. M Devaiah

Group-2: Mr. R Sudharshan & Mr. Praveen


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Dr. T. Siva Prasad
HoD-ME

GEETHANJALI COLLEGE OF ENGINEERING & TECHNOLOGY

Cheeryal (V), Keesara (M). T.S. DIST., 501 301

Attendance Sheet for Industrial Visit

Lokesh Machines Ltd. on 5th September, 2019

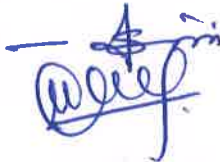
B.TECH III Year I - Semester, SECTION: B, I SEMESTER - A.Y.2019-20

S.No	Roll No.	Student Name	Signature
1	15R11A0319	GALIMOTU RAJESH	Rajesh
2	15R11A0376	JILLARAM MADHU KIRAN	Kiran
3	16R11A0301	ADAMALA DEERAJ REDDY	Deeraj
4	16R11A0325	MANCHALA AKHIL	Akhil
5	17R11A0361	K V NIKSHITH	Nikshith
6	17R11A0362	K VAMSHI KRISHNA	Vamshi
7	17R11A0363	KALLEPALLY CHANDRA KIRAN	Chandra Kiran
8	17R11A0364	KETHAVATH ARAVIND NAIK	Aravind
9	17R11A0368	MACHA SANDEEP	M. Sandeep
10	17R11A0369	MENGANI PRIYANKA	M. Priyanka
11	17R11A0370	MOHAMMED ABDUL AMAAN	Amaan
12	17R11A0372	MOHAMMED SHOAIB	Shoaib
13	17R11A0373	MOLUGU VISHNU VARDHAN REDDY	Vardhan Reddy
14	17R11A0374	NARLA RUKMINI VARA LAKSHMI	V. Lakshmi
15	17R11A0375	NETHIKAR POOJA	Pooja
16	17R11A0376	P V S S K SANTOSH	Santosh
17	17R11A0377	P VIJAY KUMAR	Vijay Kumar
18	17R11A0378	PANDA KAUSHIK	Kaushik
19	17R11A0379	PANDALA KUSHAL	Kushal
20	17R11A0380	PARPATAKAM SRINATH REDDY	Srinath Reddy
21	17R11A0381	POONAMALLI RAVI KIRAN	Ravi Kiran
22	17R11A0382	PUSA ANKIT	Ankit
23	17R11A0383	PUTTA RISHITHA	Rishitha
24	17R11A0384	PUTTI ROHITH	Rohith
25	17R11A0386	RAVULA BHANU PRASAD	Bhanu Prasad
26	17R11A0387	S K SRI NIDHI	Sri Nidhi
27	17R11A0388	SADDI SAMPATH REDDY	Sampath Reddy
28	17R11A0389	SANGI PAVAN KALYAN	Pavan Kalyan
29	17R11A0390	SAYAK ROY	S. Roy
30	17R11A0391	SIVANI YABALURI	Yabaluri
31	17R11A0393	V GOPAL VASISTHA	Gopal
32	17R11A0394	VADLA SATHISH KUMAR	Sathish Kumar
33	17R11A0395	VALMIKI ASHWITH KUMAR	Ashwath Kumar

Co-ordinators:

Dr. S Sathagiri

Mr. K Praveen



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(Cheeryal (V), Keesara (M), R.R. Dist. (A.P.) - 501 301)

HoD-ME

(Dr. T Siva Prasad)




GEETHANJALI COLLEGE OF ENGINEERING & TECHNOLOGY

Cheeryal (V), Keesara (M). T.S. DIST.,501 301

Attendance Sheet for Industrial Visit

Lokesh Machines Ltd. on 06th September, 2019

B.TECH III Year I - Semester, SECTION: B, I SEMESTER - A.Y.2019-20

S.No	Roll No.	Student Name	Signature
1	17R11A0397	ASILETI ROHITH	
2	17R11A0398	BALUPARI VAMSHI KRISHNA	B. Vamsi Krishna
3	17R11A0399	BANOTH MAHESHWAR NAIK	Maib
4	17R11A03A1	DAVAR PAVAN KUMAR	Pava
5	17R11A03A3	G SAI MANISH NATH REDDY	Sai Manish
6	17R11A03A4	G SHASHANK	Shashank
7	17R11A03A5	GONUGODUGU SAI NANDU	G. Sai Nandu
8	17R11A03A6	GUDIPATI SATYA SAI RAGHU RAM	Raghu Ram
9	17R11A03A7	JATOTH SUJITH	Sujith
10	17R11A03A8	JAVVAJI KISHORE ROHIT KUMAR	Rohit Kumar
11	17R11A03A9	KALUVALA GANESH	K. Ganesh
12	17R11A03B0	M SAI CHANDRAN	M Sai Chandran
13	17R11A03B1	MUKKA SUNNY SUMANTH	M. Sunny Sumanth
14	17R11A03B2	VALAVALA SHANMUKHA SRI HARSHA	Shanmukha
15	17R11A03B3	VANCHA GNANA KISHORE REDDY	Gnana Kishore
16	17R11A03B4	VANKUDOTHU SUMAN	V. Suman
17	17R11A03B5	VARUN PATTELA	Varun
18	17R11A03B6	YADIDIAH SOHAN YALLA	Y. Sohan Yalla
19	17R11A03B7	RAMANCHA SHARATH KUMAR	R. Sharath
20	17R15A0322	DEVULAPALLI SAI KRISHNA	Sai Krishna
21	18R15A0314	NALLA MADHU	N. Madhu
22	18R15A0315	CHUNARKAR GOUTHAM	G. Goutham
23	18R15A0316	TEJAVATH RAMU	T. Ramu
24	18R15A0317	ASHUTOSH PANDA	A. Ashutosh
25	18R15A0318	MOHAMMED NISAR AHMED	M. Nisar Ahmed
26	18R15A0319	BAZARU CHANDRAKANTH	B. Chandrakanth
27	18R15A0320	PONNABOINA SHEKHAR	P. Shekhar
28	18R15A0321	YELLAMANDALA SUMANTH	Y. Sumanth
29	18R15A0322	BUKYA SUMANTH NAIK	B. Sumanth
30	18R15A0323	AJMEERA GANESH	A. Ganesh
31	18R15A0324	GUNUKONDA ABHILASH	G. Abhilash
32	18R15A0326	DASARI JAGATH SAI	D. Jagath Sai
33	18R15A0327	SHAIK AZHARUDDIN	S. Azharuddin

Co-ordinators:

Dr. S Shyam Kumar

Dr. S Sapthagiri

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HoD-ME

(Dr. T Siva Prasad)

RE: Thanks for giving opportunity to visit of your plant -reg.

From: jhimlighosh@lokeshmachines.in

To: sapthagiri_sura@yahoo.com

Date: Thursday, 12 September, 2019, 11:15 am IST

Dear Sir,

Thank you for your mail.

It's nice to know that our effort has helped the students in their curriculum and helped them to correlate the class activities to the advanced level technological applications.

On behalf of all my colleagues and the company, let me put on record that we also felt happy to help the students in their study.

We hope to continue to render such help for the students in future.

Regards,

Jhimli Ghosh | AGM-HR & Admn | HRD

Lokesh Machines Limited | Balanagar

Mobile: 9836194781

Website: www.lokeshmachines.com

From: S SAPTHAGIRI [mailto:sapthagiri_sura@yahoo.com]

Sent: Friday, September 06, 2019 9:15 PM

To: jhimlighosh@lokeshmachines.in

Subject: Thanks for giving opportunity to visit of your plant -reg.

Dear Madam,

On behalf of the management and staff, I just wanted to drop you a note to thank you for the time you took to organize and host our industrial visit of your plant on 5th and 6th September, 2019.

This industrial visit was definitely increased our B Tech III year (Mechanical Engineering) student's interest in pursuing a career in mechanical engineering course. Because we had the chance to observe numerous aspects of machining processes as well as had the chance to interacting with eminent technical people and engineers.


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Department of Mechanical Engineering
Geethanjali College of Engineering & Technology, Hyd.

Date: 07/09/2019.

To,
The Head of the Department
Department of mechanical Engineering
GCET

Sub: Brief report on industrial visit – Lokesh Machines Limited-Auto Component Plant at Medchal.

Plant location: Lokesh Machines Limited
Survey No. 16, Shazaguda Village,
Medchal, Ranga Reddy, Telangana, India - - 501 401

About Lokesh Machines Limited:

Mr. Mullapudi Lokeswara Rao, Managing Director, is the promoter of **Lokesh Machines Ltd**, with more than 46 years of vast experience in the machine tool industry. He has started his career with KCP Limited in 1965 and after a brief stint joined Hindustan Machine Tools Limited (HMT) in 1966, while working at HMT for almost a decade, Mr. Rao has obtained a methodical understanding and insight of the manufacturing industry. The manufacturing insights supplemented with the entrepreneurial abilities prompted Mr. Rao to start Lokesh Machines Limited.

Lokesh Machines Limited was incorporated on 17th December 1983 and started commercial operations in 1985 at Hyderabad. Presently Lokesh is operating from five locations in Hyderabad and Pune.

Lokesh exports CNC machines to Japan, Germany, Netherlands, Italy, Turkey, China and Middle East countries. Lokesh is listed on BSE and NSE. The IPO was issued in 2007. Lokesh is ISO 9001:2008 & TS 16949:2009 certified by TUV Nord.

Lokesh provided direct employment to over 750 people and indirect employment to over 2000 people. Lokesh is also a leader in Cam & Crank borers, Fine borers & Finish Milling machines.

The latest achievement is the supply of a complete range of Special Purpose Machines to machine EURO VI compliant Engine Cylinder Blocks & Heads to M/s Volvo Eicher Commercial Vehicles Ltd. Lokesh ranks amongst the Top Five Machine Tool Manufacturers in the country.

Person whom Contacted for getting Permission: Jhimli Ghosh| AGM-HR & Admn | HRD

Mobile: 9836194781

Email: jhimlighosh@lokeshmachines.in


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Products Manufactured:

- Manufacturing of Cylinder Blocks (types: 2, 3 & 4 Cylinders) for supplying to Mahindra & Mahindra Motor Vehicles Ltd.

Lokesh manufacturing shops are equipped with world class machines & automation.

Certain major manufacturing machines are:

- JIG BORING MACHINES
- SIP
- MAS-WKV
- 5 FACE PLANO MILLERS
- WALDRICH COBURG
- PARPAS (5 AXIS)
- KAO MING
- HART FORD
- SLIDEWAY GRINDER
- WALDRICH COBURG
- PROTH
- JIG MILLS
- DEVLIEG
- MACHINING CENTRES
- MITSUI SEIKI
- MORI SEIKI
- MAKINO
- OKUMA
- CYLINDRICAL & INTERNAL GRINDERS
- STUDER
- FORTUNA
- SURFACE GRINDING MACHINES
- FIVE AXIS ROUTER THERMWOOD, USA
- CNC LATHES
- SUPPORTED BY MANY OTHER CONVENTIONAL MACHINES & HORIZONTAL BORING MILLS


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Quality labs equipped with the following major facilities:

- ❖ **LK 3:** Co-ordinate measuring machines
- ❖ **Hewlett Packard:** Laser interferometer
- ❖ **Renishaw:** Ball bar system
- ❖ **Renishaw:** Laser interferometer
- ❖ **Tesa/Trimos/Mitutoyo:** Digital height masters
- ❖ **TaylorHobson:** Surface finish tester

Following are the faculty members visited “**Lokesh Machines Limited-Auto Component Plant at Medchal**” on 05th and 06th September, 2019 at 10.45am.

1. Dr S Shyam Kumar, Professor of Mechanical Engineering
2. Dr S Sapthagiri, Professor of Mechanical Engineering
3. Mr. Praveen, Asst Professor of Mechanical Engineering

During the visit, following were the officials interacted. The policies, products and processes of the organization were explained.

1. Mr. B Ranga Reddy – Plant Maneger
2. Mr. Sudhaeshan – Works Manager.

Outcomes of the visit:

1. Mr. B Ranga Reddy – Plant Maneger, **Lokesh Machines Limited-Auto Component Plant** had given us a brief presentation about the History of the Industry, type of the plant, safety norms to be followed by visitors, followed by presentation High-Tea served to the visitors.
2. From the presentation board, Mr. Sudhaeshan – Works Manager had taken us to the various plants, where, our student’s undergone Industrial practical practices for nearly 4hrs 30 minutes.

Prominent processes of the plant: All the students were observed the following metal cutting operations:


1. **Various Milling Machining Operations:** carrying out on different types of CNC milling Machines.
2. **Drilling Machining Operations:** carrying out on different types of CNC drilling machines such as multi spindle draining machining, radial drilling machining, etc.
3. **Tapping Operations:** carrying out on different types of drilling machines such as multi spindle draining machining, radial drilling machining, etc.
4. **Boring operation:** carrying out on CNC vertical milling Machines.
5. **Quality Inspection:** All advanced metrology instruments such as CMM etc.



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We had wonderful discussions with many eminent technical people and engineers and learnt many more intricacies about the machining processes. I strongly believe that visit to **“Lokesh Machines Limited-Auto Component Plant at Medchal”** was really helpful for students to correlate the class activities to the ground level technological applications.


07/9/2019.
Yours Sincerely,

(Dr. S Sapthagiri)
Production Group –Head, ME



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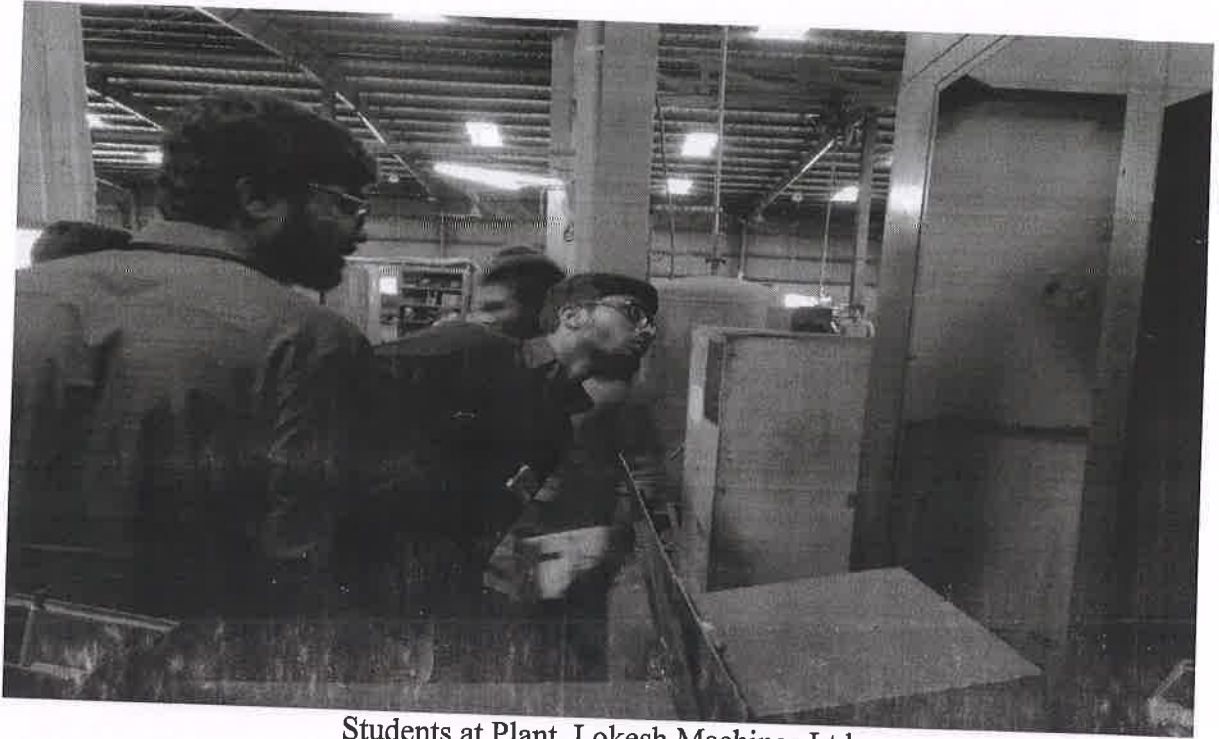
Mr. B Ranga Reddy - Plant Manager, addressing the students



Students Group Photograph with Mr. B Ranga Reddy - Plant Manager,

R

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Students at Plant, Lokesh Machines Ltd

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Cheeryal (V), Keesaru (M), R.R. Dist. (A.P.) - 501 301

To
The Principal,
Geethanjali College of Engineering and Technology,
Cheeryal (V), Keesara (M), Medchal District – 501301

Date: 25/07/2019

Respected Sir,

Subject: Permission for Industrial Visit to “**Datalog Controls and Solutions Pvt. Ltd., Cherlapally and LED Chip Indus Pvt. Ltd, Kushaiguda** on 26/07/2019– Regarding

An industrial visit is planned for **II B.Tech (ECE)** students to equip them with practical knowhow in manufacturing of power resistors, inductors, battery chargers, power supplies, high power LEDs, medium power LEDs etc.

All the students of II B.Tech(ECE) Sections A,B,C,D and E accompanied by 2 faculty members per section are planned to visit the above mentioned facilities of **Datalog Controls and Solutions Pvt. Ltd and LED Chip Indus Pvt. Ltd** on **26/07/2019 (Friday)** as per below schedule.

Industrial Visit for II B.Tech(ECE) Students - I Semester-AY-2019-20						
Department of ECE						
Class	Date	Section	Start Time (from College)	Place of Industrial Visit	No. of Students Planned to attend	No. of Faculty Planned to accompany
II B.Tech	26.07.2019 (Friday)	A	9:15AM	Datalog Controls and Solutions Pvt. Ltd, Cherlapally, Hyderabad	56	2
II B.Tech	26.07.2019 (Friday)	B	11:30AM	Datalog Controls and Solutions Pvt. Ltd, Cherlapally, Hyderabad	56	2
II B.Tech	26.07.2019 (Friday)	C1	9:15AM	Datalog Controls and Solutions Pvt. Ltd, Cherlapally, Hyderabad	28	1
II B.Tech	26.07.2019 (Friday)	C2	9:15AM	LED Chip Indus Pvt. Ltd., Kushaiguda	28	1
II B.Tech	26.07.2019 (Friday)	D	9:15AM	LED Chip Indus Pvt. Ltd., Kushaiguda	56	2
II B.Tech	26.07.2019 (Friday)	E	11:30AM	LED Chip Indus Pvt. Ltd., Kushaiguda	56	2

The class work for above students is rescheduled to **3rd August, 2019 (Saturday)**.

LED Chip Indus Pvt. Ltd has indicated that for the purpose of industrial visit, Rs.500 is charged per a section of 60 students. For two sections, total amount of **Rs.1000** is to be paid (in cash) to this company.

I request you to kindly accord permission for the above visit and also approve for necessary transport for the above visit.

Thanking you,

Yours faithfully,

O.V.P.R. Siva Kumar
O.V.P.R. Siva Kumar
Professor, Dept. of ECE
Coordinator, Industrial Visits
PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheeryal (V), Keesara (M), Medchal Dist. (T.S.)-501 301.

→ Forwarded to Principal

(Bas)

*AW. HEC-
Prof. Adh
M*

OK → *To Ale / Transport Plc. for road*
Siva
25/07

Geethanjali College of Engineering & Technology
(An UGC Autonomous Institution)
Cheeryal(V), Keesara (M), Telangana - 501301
Department of Electronics and Communication Engineering

Report on Industrial Visit to Datalog Controls and Solutions

Datalog Controls and Solutions was established in the year 1998 with the objective of developing test and control systems indigenously and provide the industry with excellent data logging solutions. Datalog controls has been steadily progressing in achieving its objective of developing import substitute system for the industry. Encouraged by the industry, datalog has successfully designed, developed and commissioned some highly complex and technically challenging systems meeting the stringent quality requirements of the defense laboratories. Datalog has pioneered the design and development of computerized test systems such as thermal battery test systems high voltage, high current, fast acting electronic load banks, battery life cycle test systems, automated test systems for testing the power supplies etc. Datalog is specialized in understanding the specific requirement of the end users and designing the systems with user friendly application software. Typical applications of our products include research & development, incoming inspection, production testing, quality control and quality assurance. Each year we invest a large percentage of our revenue in research and development to enable us remain a professional producer of quality test systems to meet the highly increasing quality requirements of our customers. Datalog has passed the most extensive assessment possible, ISO 9001:2008, which includes engineering and design in the qualification process. This assures our customers will have highest level of quality possible. In a nutshell, Datalog is capable of designing & developing variety of custom built systems ranging from a microcontroller based hand held systems to highly complex missile battery test systems with their excellent quality, service and support.

Based on above industry profile, Department of ECE, Geethanjali College of Engineering & Technology management arranged an industrial visit to Datalog Controls and Solutions, Hyderabad for B.Tech ECE II yr I Sem A,E,C Sections students on 26th July 2019 in order to get practical knowledge on design and development of computerized test systems such as



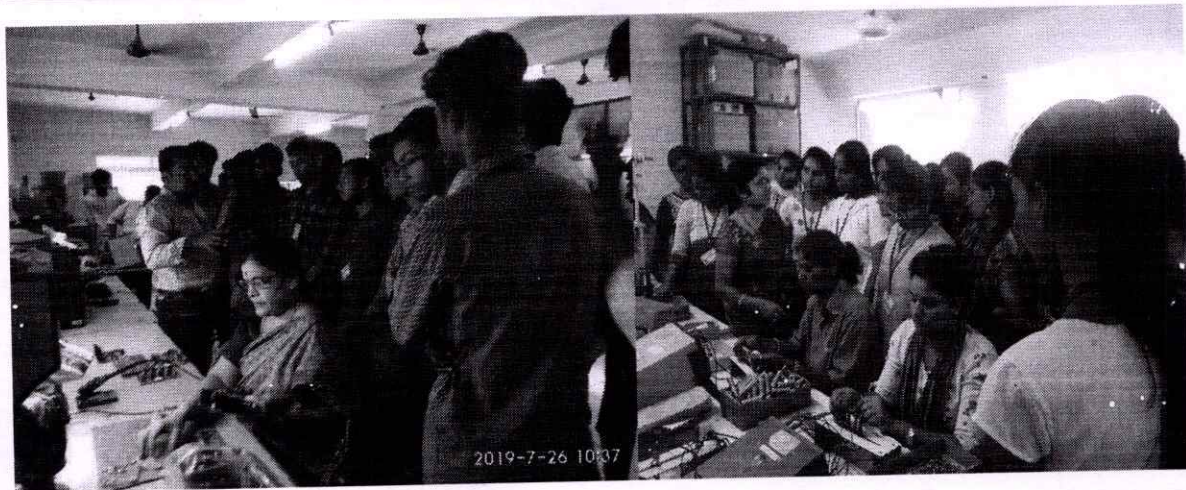
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thermal battery test systems high voltage, high current, fast acting electronic load banks, battery life cycle test systems, automated test systems for testing the power supplies etc.

Approximately 146 students visited the industry and gained the practical knowledge.

Many students actively interacted with industry experts and sought clarifications to their questions.

Along with students,4 faculty members accompanied the students and upgraded their knowhow.




Sire


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In above photographs, students were observing the manufacturing of load resistors and other components.


Report prepared by



Ms.B. Suneetha, GCET, Keesara

Member, Industrial Visits


Prof. QVPR Siva Kumar

Co-Ordinator, Industrial Visits


HOD, ECE


Principal
Geethanjali College of Engg. and Tech.
Cheerai (V), Keesara (M), Madhachal Dist.(T.S.)-501 301.

Geethanjali College of Engineering & Technology
(An UGC Autonomous Institution)
Cheeryal(V), Keesara (M), Telangana - 501301
Department of Electronics and Communication Engineering

Report on Industrial Visit to LED Chip Indus

LEDChip group has irrevocably & firmly put India on the GLOBAL LED map by setting up an Ultra-Modern All-Automatic LED plant with Billion LEDs capacity.

LEDchip Indus P Ltd is a DIPP recognized STARTUP-INDIA enterprise, financed by SIDBI at Hyderabad. We have planned investment outlay of Rs200 Cr and signed MOU with Telangana Govt. We are continuously adding more capacity in next two quarters to reach 30 billion capacity in 2 years of operation

The LEDs produced are LM80 certified where the LEDs are subject to 9 months of accelerated Life test under severe conditions of 105°C & 85°C & 55°C - - at temperatures that are far higher than Hottest part of our country and that are higher than Boiling Water temperature, have highest Lumens in their class ensured by the use of high grade Chips, Silicone & Phosphors.

The highest standards of RELIABILITY are ensured automatically as all LEDs are produced untouched by the hand. The processes right through Chip bonding, to Gold wire bonding to Phosphor coating to testing-sorting-packing are carried out in air-conditioned dust free Class10K clean rooms, to meet highest & stringent standards.

Our 30 years of LED manufacturing experience has helped our Indian operations to successfully set up global Supply Chain creating cost advantages in High quality raw materials procurement & costs. Our engineers with combined experience of 80 man-years, have excelled in bringing the yield above industry benchmark with faster turn around times. This way our overheads & wastes have halved, giving us cost advantage in pricing. The Fast rising Chinese wages & power and land cost cost, have no doubt added to our competitiveness.

Based on above industry profile, Department of ECE, Geethanjali College of Engineering & Technology management arranged an industrial visit to LED Chip Indus, Hyderabad for B.Tech

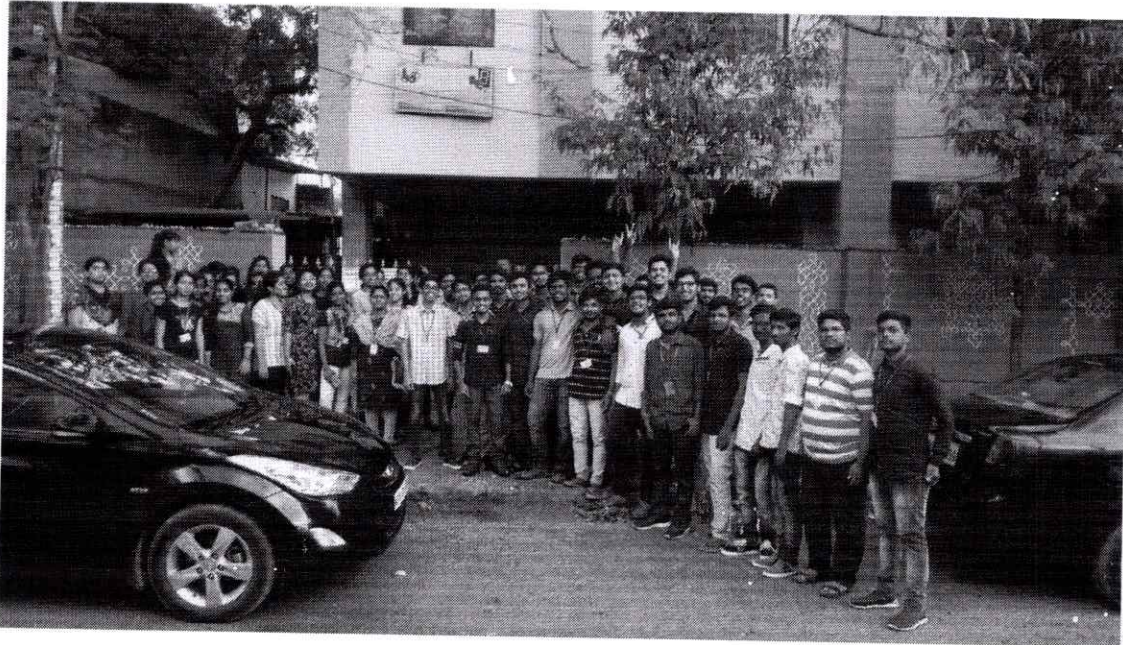

Geethanjali College of Engg. and Tech.
Cheeryal (V), Keesara (M), Madchal Dist.(T.S.)-501 301.

ECE II yr I Sem B,D Sections students on 26th July 2019 in order to get practical knowledge on design and development of different LED's etc.

Approximately 120 students visited the industry and gained the practical knowledge.

Many students actively interacted with industry experts and sought clarifications to their questions.

Along with students,4 faculty members accompanied the students and upgraded their knowhow.



In above photographs, students were observing the manufacturing of load resistors and other components.

Report prepared by

Ms.B. Suneetha, GCET, Keesara

Member, Industrial Visits

Prof. OVPR Siva Kumar

Co-Ordinator, Industrial Visits

HOD, ECE

Principal
Geethanjali College of Engg. and Tech.
Cheerla (V), Keesara (M), Madhach Dist.(T.S.)-591 301.

GEETHANJALI COLLEGE OF ENGINEERING & TECHNOLOGY

Cheeryal(V), Keesara (M), Telangana – 501301

Department of ECE

Undertaking Form for Industrial Visit to “LEDChip Indus Pvt. Ltd, Kushaiguda ”

on 26th July 2019

We will follow all the rules and regulations imposed by the college from time to time during the visit. Further, we agree that neither the college nor the college faculty is responsible for any mishaps/incidents/loss to the person/property in any way. Any appropriate disciplinary action can be taken by the college on us for any kind of misbehavior during the visit.

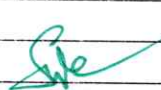
- We will obey all rules and regulations imposed by the college and by the designated staff coordinator from time to time during the visit.
- We are attending this industrial visit on our own interest and not based on any force by others.
- We are fully aware of the safety requirements to be followed during the visit and strictly will follow the same

II B.TECH (ECE) E-2 Section

S.No	Roll No	NAME OF STUDENT	SIGNATURE OF STUDENT
1	19R15A0421	K. Sai Ram	K. Saikram
2	19R15A0422	R. Rohith	R. Rohit
3	18R11A0405	Basha Shaik	Basha Shaik
4	18R11A0409	S. Sai Pranay	S. Sai
5	18R11A0403	Sai Ganesh P	Sai
6	18R11A0401	Ravinder Reddy. A	Ravinder
7	18R11A0404	SANTOSH	SANTOSH
8	18R11A0408	Hritish	Hritish
9	18R11A0402	Vamshi	Vamshi
10	18R11A0409	Pradeep	Pradeep
11	18R11A0405	Vehkat	Vehkat
12	18R11A0400	Nay Simha	Nay Simha
13	18R11A0406	SE. Md. Lilawar	SE. Md. Lilawar
14	18R11A0404	G. Balu	G. Balu
15	18R11A0405	T. Venkata Gopi	T. Venkata Gopi
16	18R11A0406	V. Sharan	V. Sharan
17	16R11A0402	M. Nikhil Chakravarty	M. Nikhil C
18	19R15A0403	M. Vivek	M. Vivek
19	19R15A0414	P. Sumanth	P. Sumanth
20	19R15A0411	S. Karthik	S. Karthik
21	19R15A0412	G. Pavithra	G. Pavithra
22	19R15A0424	B. Parvya	B. Parvya

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23	18R11A0423	K. Sri Nayanah	V. Deep
24	18R11A0400	K. Madhu Sreedhi	M. Madhu
25	18R11A0408	Y. Srija	V. Srija
26	18R11A0409	M. Tanuja	Tanuja
27	18R11A0407	V. Shivani	V. Shivani
28	18R11A0407	K. Vidya Bharathi	K. Vidya Bharathi
29	18R11A0408	Sreedhi D	Sreedhi
30	18R11A0407	S. Bhanu Sri	S. Bhanu
31	18R11A0407	R. Divya	R. Divya
32	18R11A0400	V. Srija	V. Srija
33	18R11A0401	S. Harshitha	S. Harshitha
34	18R11A0405	M. Saiteja	M. Saiteja
35	18R11A0408	K. Vamsi Krishna	K. Vamsi
36	18R11A0409	K. Akash	K. Akash
37	18R11A0404	B. Seivani	B. Seivani
38	18R11A0408	N. Vagdevi	N. Vagdevi
39	18R11A0401	P. Sri Sathya Harsha	P. Sri Sathya Harsha
40	18R11A0400	P. Sirini	P. Sirini
41	18R11A0404	M. Maheshwari	M. Maheshwari
42	18R11A0401	M. Akhileshwari	M. Akhileshwari
43	18R11A0407	N. Prathima	N. Prathima
44	18R11A0409	P. Yashwanth	P. Yashwanth
45	18R11A0406	Kasthik	Kasthik
46	18R11A0402	S. K. Hussain	S. K. Hussain
47	18R11A0404	B. Eshanth	B. Eshanth
48	18R11A0408	D. Akshaya	D. Akshaya
49	18R11A0406	Nithya.cree	Nithya.cree
50	18R11A0404	Raithika	Raithika
51	18R11A0400	Sindhuja	Sindhuja
52	18R11A0403	A. Lakshmi Soujanya	A. Lakshmi Soujanya
53	18R11A0406	A. Deepthi reddy	A. Deepthi reddy
54	18R11A0401	B. Dhanarekha	B. Dhanarekha
55	18R11A0401	Saileela Srividya G	Saileela Srividya G
56	18R11A0405	A. Naveen	A. Naveen
57	18R11A0409	G. Sai bhargav	G. Sai bhargav
58	18R11A0402	B. Dinesh kumar	B. Dinesh kumar


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GEETHANJALI COLLEGE OF ENGINEERING and TECHNOLOGY

Cheeryai(V), Keesara (M), Telangana - 501301

Department of ECE

Undertaking Form for Industrial Visit to "Datalog Controls and Solutions Pvt. Ltd, Cherlapally" on 26th July 2019

We will follow all the rules and regulations imposed by the college from time to time during the visit. Further, we agree that neither the college nor the college faculty is responsible for any mishaps/incidents/loss to the person/property in any way. Any appropriate disciplinary action can be taken by the college on us for any kind of misbehavior during the visit.

- We will obey all rules and regulations imposed by the college and by the designated staff coordinator from time to time during the visit.
- We are attending this industrial visit on our own interest and not based on any force by others.
- We are fully aware of the safety requirements to be followed during the visit and strictly will follow the same

II B.TECH (ECE) – A&C, Sections

S.No	Roll No	NAME OF STUDENT	SIGNATURE OF STUDENT
1.	18R11A0489	Aanya K	Aanya
2.	18R11A0489	G. Tejaswi	Tejaswi
3.	18R11A0489	K. Preethi	K. Preethi
4.	18R11A0489	K. Bhargavi Santhoshita	Santhoshita
5.	18R11A0489	Haranya	Haranya
6.	18R11A0489	D. Shwani durga	Shwani
7.	18R11A0489	G. Pravalika	Pravalika
8.	18R11A0433	M. Harika	Harika
9.	18R11A0411	D. Keerthana	Keerthana
10.	18R11A0420	G. Tejaswini	G. Tejaswini
11.	18R11A0428	K. TEJASWI	Tejaswi
12.	18R11A0425	K. VINEELA	Vineela
13.	18R11A0427	K. Rukmani	Rukmani
14.	18R11A0432	M. Keerthana	Keerthana
15.	18R11A0423	K. Vaishnavi	K. Vaishnavi
16.	18R11A0419	G. Sushma	G. Sushma
17.	18R11A0424	K. Akanksha	Akanksha
18.	18R11A0406	B. Bhavani	Bhavani
19.	18R11A0416	G. Sushma	G. Sushma
20.	18R11A0407	B. Swapna	B. Swapna
21.	18R15A0404	D. Sai Sushmitha	Sushmitha
22.	19R15A0403	B. Uma devi	Uma
23.	18R11A0438	Sulha manasa	Manasa
24.	18R11A0415	Tabasi	Tabasi
25.	18R11A0441	Uthara Sudhir	Uthara



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26	18R11A0403	K. Ashika	CASHIKA
27	18R11A0435	N. Sameena	N. Sameena
28	18R11A0412	D. Priyanka	Priyanka
29	18R11A0443	V. Sreya	Sreya
30	18R11A0438	R. Madhuri	Madhuri
31	18R11A0444	V. Abhala Sreetha	Abhala
32	18R11A0444	D. Anuhya	Anuhya
33	18R11A0497	A. Vaishnavi	Vaishnavi
34	18R11A0461	K. Poorana	Poorana
35	18R11A0460	G. Rithika	Rithika
36	18R11A0410	D. Archana	Archana
37	18R11A0434	M. Dhvani	Dhvanii
38	18R11A04A3	D. Rala Krishnan	Rala
39	18R11A0410	I. Anand	Anand
40	18R11A04A1	D. Naveen	Naveen
41	18R11A04C1	M. Sai Chasana	Sai
42	18R11A04A2	D. Anil	Anil
43	18R11A04B7	K. Sri Karan	Karan
44	18R11A04A2	G. Kiran Kumar	Kiran Kumar
45	18R11A04C2	Mohd. Adnan	Adnan
46	18R11A04C3	MMN Phanindra	Phanindra
47	18R11A04B6	K. Mahesh	Mahesh
48	18R11A04B3	Ruaneetha	Ruaneetha
49	18R11A04A9	B. Mani Kanta	Mani Kanta
50	18R11A04A8	G. Vishnuvardhan	Vishnuvardhan
51	18R11A0431	M. Viswanath	Viswanath
52	18R11A0447	Y. Fayazuddin	Fayaz
53	18R11A0407	V. S. Pavan	Pavan
54	18R11A0448	Y. Vishnu	Vishnu
55	18R11A0430	K. Rameshwar	Rameshwar
56	18R11A0419	G. Rohith Sai	Rohith
57	18R11A0426	K. Kiran Babu	Kiran
58	19R15A0405	P. SANTOSH	Santosh
59	19R15A0402	A. Jayanth	Jayanth
60	18R11A0445	Y. Raviteja	Raviteja
61	18R11A0407	B. Sandeep	Sandeep
62	18R11A0429	K. Sai Meeram	Sai Meeram
63	18R11A0422	K. Nikhil Aray	Nikhil
64	18R11A0408	G. Prasad Vasma	Prasad
65	18R11A0446	Y. Saketh Kumar	Saketh
66	18R11A0414	G. Charith Raghav	Charith
67	18R11A		

Geethanjali College of Engineering & Technology
(An UGC Autonomous Institution)
Department of Electronics and Communication Engineering
Circular

Date: 18.12.2019

Sub: Industrial Visit - Reg.

All the Class teachers and students of III B.Tech(ECE) are here by informed that an industrial visit to **India Meteorological Department**, Hyderabad is planned as per the following schedule:

Plan for Industrial Visit of III B.Tech (ECE) Students

Industrial Visit for B.Tech ECE-II yr- I Semester-Ay-2019-20				
Department of ECE				
Class	Date	Sections	Start Time	Place of Industrial Visit
III B.Tech	20.12.2019 (Friday)	B,C	9:15AM	India Meteorological Department
III B.Tech	21.12.2019 (Saturday)	A,D&E	9:15AM	India Meteorological Department

Note: College bus transport will be provided.



O.V.P.R. Siva Kumar,
Professor, Dept. of ECE
Incharge of Industrial Visits



HOD ECE



Geethanjali College of Engg. and Tech.
Cheeryal (V), Keesara (M), Medchal Dist.(T.S.)-501 301.

Re: Regarding Visit to Met center, Hyderabad- Granted

Inbox x

Sivakumar Ogirala Sat, Dec 14, 12:20 PM (6 days ago)

to **Murali, Naga, Radar, Y, Hari**, me

Respected Sir,

As per our telephonic conversation today, we would like to request you to give permission to our B.Tech (ECE) students (60 students/day approx. accompanied by 2 staff members) **on two days** to visit your esteemed organization to know the practical aspects of IMD, which will enable them to bridge the gap between theory and practice.

Pls contact Mr Muralikrishna, our radar in-charge (04027908987/9963183959) for coordination.

60 students per day will visit on the following dates:

The preferred dates for the visits from our side are :

**20/12/2019 (Friday) and
21/12/2019 (saturday)**

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Report on Industrial Visit to Indian Meteorological Department, Begumpet

The **India Meteorological Department (IMD)** is an agency of the Ministry of Earth Sciences of the Government of India. It is the principal agency responsible for meteorological observations, weather forecasting and seismology. IMD is headquartered in Delhi and operates hundreds of observation stations across India and Antarctica. Regional offices are at Mumbai, Kolkata, Nagpur and Pune.

IMD is also one of the six Regional Specialised Meteorological Centres of the World Meteorological Organization. It has the responsibility for forecasting, naming and distribution of warnings for tropical cyclones in the Northern Indian Ocean region, including the Malacca Straits, the Bay of Bengal, the Arabian Sea and the Persian Gulf.

IMD operates a network of hundreds of surface and glacial observatories, Upper Air (high altitude) stations, ozone and radiation observatories and meteorological radar stations. Additional data is received from India's constellation of satellites, such as Kalpana-1, Megha-Tropiques and instruments on board the IRS series and the INSAT series of satellites.^[9] Data and observations are also reported into the IMD network from meteorological instruments on board Indian merchant marine and Indian Navy ships. IMD was the first organisation in India to deploy a message switching computer for supporting its global data exchange.

IMD collaborates with other agencies such as the Indian Institute of Tropical Meteorology, National Centre for Medium Range Weather Forecasting and the National Institute of Ocean Technology.

IMD also operates seismic monitoring centres at key locations for earthquake monitoring and measurements.

IMD undertakes observations, communications, forecasting and weather services. In collaboration with the Indian Space Research Organisation, the IMD also uses the IRS series and the Indian National Satellite System (INSAT) for weather monitoring of the Indian subcontinent. IMD was the first weather bureau of a developing country to develop and maintain its own satellite system.

IMD is one of the 6 worldwide Regional Specialised Meteorological Centres of the Tropical Cyclone Programme of the World Weather Watch of the World Meteorological Organization.^[10] It is regional nodal agency for forecasting, naming and disseminating warnings about tropical cyclone in the Indian Ocean north of the Equator.

The IMD launched System of Aerosol Monitoring and Research (SAMAR) in January 2016 to study the concentration of Black carbon, radiative properties of aerosols, environmental visibility

and their climatological impacts. It would contain a network of 16 aethalometers, 12 sky radiometers and 12 nephelometers

Based on industry profile, Department of ECE, Geethanjali College of Engineering & Technology management arranged an industrial visit to Indian Meteorological Department, Begumpet for B.Tech III YR students on 20th Dec and 21st Dec 2019 in order to get practical knowledge

150 students are actively attended for the visit.

Many students actively interacted with Industry experts and sought clarifications to their questions.

Along with students, 08 faculty members accompanied the students and upgraded their knowhow.




Principal
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Report prepared by

Ms.B. Suneetha, GCET, Keesara

Member, Industrial Visits

Prof. OVPR Siva Kumar

Co-Ordinator, Industrial Visits


HOD, ECE


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GEETHANJALI COLLEGE OF ENGINEERING & TECHNOLOGY

Cheeryal(V), Keesara (M), Telangana - 501301

Department of ECE

UNDERTAKING FORM FOR INDUSTRIAL VISIT TO "IMD,Begumpet"

ON 20TH DEC 2019

40

Sub
20/12/19

We will follow all the rules and regulations imposed by the college from time to time during the visit. Further, we agree that neither the college nor the college faculty is responsible for any mishaps/incidents/loss to the person/property in any way. Any appropriate disciplinary action can be taken by the college on us for any kind of my misbehavior during the visit.

- We will obey all rules and regulations imposed by the college and by the designated staff coordinator from time to time during the visit.
- We are attending this industrial visit on our own interest and not based on any force by others.
- We are fully aware of the safety requirements to be followed during the visit and strictly will follow the same

III-B.TECH (ECE)

S.No	Roll No	NAME OF STUDENT	SIGNATURE OF STUDENT
1	17R11A0470	K. Geetha Madhuri	
2	17R11A0474	K. Navya Sree	
3	17R11A0472	K. Sree Sai Bhavana	
4	17R11A0476	K. Sree Anandhini	
5	17R11A0453	Ch. Reshma	
6	17R11A0458	D. Sai Jahnvi	
7	17R11A0460	E. Sowmya	
8	17R11A0454	C. Shanti	
9	17R11A0459	E. Swathi	
10	17R11A0456	Ch. Koteswari	
11	18R15A0415	D. Bhargavi	
12	17R11A0469	J. Anitha	
13	17R11A0461	S. Swathi Gairuwal	

14	17R11A0465	N.M. Rafiq	
15	17R11A0467	Harshith Babu	
16	17R11A0468	Farhan Siddiqui	
17	17R11A0494	Vishay Prasad	
18	17R11A0462	G. Sai Kowthi Vishal	
19	17R11A0492	S. Chandrakanth	
20	17R11A0467	K. Sai Kumar Reddy	
21	17R11A0468	K. Manoj Kumar Reddy	
22	17R11A0455	Ch. Sambhith Reddy	
23	17R11A0468	M. Nitish Kumar	
24	17R11A0478	M. Shiva Goud	
25	17R11A0479	M. Bhaskar	
26	17R11A0480	M. Sai Kumar	
27	17R11A0480	N.S. Deepak	
28	17R11A0480	SAJID ALI	
29	18R15A0412	K. Sathyanarayana	
30	18R15A0495	T. Sai Bharath	
31	18R15A0411	T. Sai Ganesh	
32	18R15A0414	M. Prasad	
33	18R15A0419	T. Raju	
34	18R15A0416	K. Divya	
35	17R11A0496	Hima Vireka	
36	17R11A0463	H.V. Ramani	
37	17R11A0452	B. Susima	
38	17R11A0460	J. Sowjanya Keethana	
39	17R11A0457	Viniktha	
40	17R11A0466	Avinash	
41			
42			
43			

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