



Gokaraju Rangaraju Institute of Engineering and Technology
(Autonomous)
Department of Mechanical Engineering

S. No	Name of industry visited	Dates of visit	No. of faculty	No. of student participated		Total Participants
				UG	PG	
1.	Srie Vedass Bus Body firm, Medchal	24-02-2023	03	57		60
2.	Mahindra & Mahindra, Hyderabad	11-02-2023	03	57	0	60
3.	Hindustan coco-cola Beverages Pvt Limited, Hyderabad	21-12-2019	02	70		72
4.	Miyapur bas Body	14-12-2019	02	35		37
5.	Hindustan coco-cola Beverages Pvt Limited, Hyderabad	21-08-2019	02	0	21	23
6.	Hindustan coco-cola Beverages Pvt Limited, Hyderabad	05-08-2019	02	57	0	59
7.	Bharat Heavy Electricals Limited Hyderabad	31-07-2019	02	57	0	59
8.	SVS Engineering, Hyderabad	23-02-2019	02	97	0	99
9.	CIMTECH System Pvt. LTD, Hyderabad	12-01-2019	02	100		102
10.	ARCI, Hyderabad	09-02-2018	02	0	30	32



GRIET/6C/G/22-23

EVENT SUMMARY REPORT

Griet/Other institutes/Organization Address	GRIET				
Department	ME	Professional Body		Institutional Body	
Nature of the Event (Workshop / Seminar / Guest Lecture / Tech Talk/FDP/GD/ Training Program / Quiz / Presentation/Conference/ Industry Visit/Any Co & Extracurricular Activities)	Industry Visit Srie Vedass Bus Body firm, Medchal				
Title / Theme of the Event	Automobile Industry Technical Knowledge Enhancement				
Details of the Coordinator& Designation	Dr A.Anitha Lakshmi- Associate Professor (ME), GRIET B Ch Nookaraju- Associate Professor(ME), GRIET Dr R Raman Goud -Professor(ME),GRIET				
Event Dates/Days	From	To	No. of Days		
	24/2/2023	24/2/2023	1		
Details of the Speaker / Guest Organization Address:	Mr. K Chaitanya – Senior Engineer, Srie Vedass Bus Body Firm				
Participants (Teaching Faculty / Non-Teaching Faculty / Students)	No.of Faculty	No. of UG students	No.of PG Students	No.of outside participants	Total Participants
	3	41(III yr Mechanical Engineering (2020-24batch	-		
Faculty Names & Designation	Dr A.Anitha Lakshmi- Associate Professor, GRIET B Ch Nookaraju- Associate Professor(ME), GRIET Dr R Raman Goud -Professor(ME),GRIET				

Summary of the Event	
IRG (in rupees) Deposited A/C no A/C name and date and other details (enclose proof-A/C statement)	-
Expenditure (in rupees) (Enclose proof-bills)	
POs attained with this Event (number and description)	<p>PO3: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.</p> <p>PO7: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.</p> <p>PO11: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multi-disciplinary environments.</p> <p>PSO1: Apply the concepts of computer aided design and manufacturing, material science engineering, thermal engineering technologies for design, analysis and maintenance of mechanical systems and processes.</p>

Photographs of the event
(Hard copy and Soft copy)



To,
The Principal,
GRIET,
Bachupally,

Hyderabad
22-02-2023


Subject: III year Mech Industrial visit Regd.

Respected sir,

Mechanical Department got the permission to visit the Bus Body Firm M/S SRIE VEDASS in Eris, Medchal. So we are planning to take 10 year students to visit the firm. I request you to provide transportation on 24/2/23 to visit Bus Body plant. please consider the request.

Thanking you,

Kindly do the needful

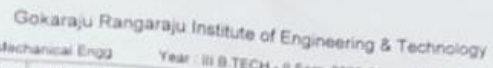

Dr. A. Anitha Lakshmi
HOD/ME

J. P. Rao



Anitha Lakshmi
yours faithfully,

Dr. A. Anitha Lakshmi
in I/c In charge
Mechanical Dept.
GRIET
Bachupally.



Year : III B TECH - II Sem. 2022-23

S.NO	ROLL NO.	NAME / SUBJECT	Yr: III B TECH - II Sem	2022-23	DATE:
33	20241A0333	MO WASEEM SHARIF			
34	20241A0334	MERUPUMALLA VINOLIKA			
35	20241A0335	MITHAN PRAVEEN			
36	20241A0336	MOHAMMED ABUL AZIZ			
37	20241A0337	MOHD ABGULLAH ZAYD			
38	20241A0338	MUKU SANDEEP GOUD			
39	20241A0339	MUSLISARI PAVAN			
40	20241A0340	N VASANTH			
41	20241A0341	P B SANJANA			
42	20241A0342	P SARIRAM GOUD			
43	20241A0343	PANDIMUKKALA NANDADEEP			
44	20241A0344	PANCHAGURI SRIDEVI			
45	20241A0345	PASIPOGULA MAMATHA			
46	20241A0346	PAVAN KALYAN KURELA			
47	20241A0347	POTALA LAKSHMANA VIDHEY			
48	20241A0348	RAHUL THOTA			
49	20241A0349	RAJ LAKSHIKANT BHAKKAD			
50	20241A0350	SARVEDY ASHWIN KUMAR			
51	20241A0351	SATTENAPELLI PRASHANTH			
52	20241A0352	SIRIGAMALLA SRI CHARAN			
53	20241A0353	SRICHARAN SHIVNAND			
54	20241A0354	TAMMALA SUDITH KUMAR			
55	20241A0355	TEJAYATH GORI			
56	20241A0356	VARUNN RAJESH			
57	20241A0357	YARAMALA ITHEHAS REDDY			
58	20241A0358	VARALA PRAVEEN KUMAR			
59	21245A0301	BAIRAM SHIVA			
60	21245A0302	DASARI BWETHA			
61	21245A0303	JAMMUSAI KISHORE			
62	21245A0304	VAMSIDHAR			
63	21245A0305	SAMUDRALA TIMOTHY			
64	21245A0306	GUJBHASH KUMAR RAY			
65	21245A0307	VEERUJU CHAKRI			
Number of Absentees					
Faculty Signature					

Number of Absentees

Faculty Signature _____

Dr. A. Anitha Lakshmi III B.Tech incharge



Gokaraju Rangaraju Institute of Engineering & Technology

Dept. Mechanical Engg

Year : III B.TECH - II Sem. 2022-23

DATE:

S.NO	ROLL NO.	NAME / SUBJECT							
33	20241A0333	MD WASEEM SHAREEF							
34	20241A0334	MERUPUMALLA VINOLKA							
35	20241A0335	METHARI PRAVEEN							
36	20241A0336	MOHAMMED ABOUL AZIZ							
37	20241A0337	MOHD ABDULLAH ZAYD							
38	20241A0338	MUKUL SANDEEP GOUD							
39	20241A0339	MUSILIGARI PAVAN							
40	20241A0340	N VASANTH							
41	20241A0341	P R SANJANA							
42	20241A0342	P SAIRAM GOUD							
43	20241A0343	PANDIMUKKALA NANDADEEP							
44	20241A0344	PANCHAGIRI SRIDEVI							
45	20241A0345	PASIPOGULA MAMATHA							
46	20241A0346	PAVAN KALYAN KURELA							
47	20241A0347	POTALA LAKSHMANA VIDHEY							
48	20241A0348	RAHUL THOTA							
49	20241A0349	RAJ LAKSHIKANT BHAKKAO							
50	20241A0350	SARVEDAY ASHWIN KUMAR							
51	20241A0351	SATTENAPELLI PRASHANTH							
52	20241A0352	SIRIGAMALLA SRI CHARAN							
53	20241A0353	SRICHARAN SHIVNAND							
54	20241A0354	TAMMALI SUJITH KUMAR							
55	20241A0355	TEJAVATH GOPI							
56	20241A0356	VARUN RAJESH							
57	20241A0357	YARAMALA ITHIAS REDDY							
58	20241A0358	VARALA PRAVEEN KUMAR							
59	21245A0301	BAJRAM SHIVA							
60	21245A0302	DASARI SWETHA							
61	21245A0303	JAMMUBAI KISHORE							
62	21245A0304	VAMSIHAR							
63	21245A0305	SAMUDRALA TIMOTHY							
64	21245A0306	SUBHASH KUMAR RAY							
65	21245A0307	VEEROJU CHAKRI							
Number of Absentees									
Faculty Signature									

Dr. A. Anitha Lakshmi III B.Tech Incharge

Proofs to be enclosed

1.Certificates copies- Enclosed

2.Profile of Speaker

3.PPT/Material as applicable. etc.,

Signature of Coordinator

Signature of HOD

INDUSTRIAL VISIT REPORT

Date of visit: 24th February 2023
Company: M/S Srie Vedass Bus Body firm, Medchal

INTRODUCTION

An industrial visit to “*Srie Vedass Bus Body firm, Medchal*” was successfully organized by the department of mechanical. Forty one students along with the faculty have visited the Bus Body Firm to understand how the technology works, production activity, management process and also to acquire knowledge and experience.



Established in 2005 ,India Srie Vedass Industries has gained immense expertise in supplying & trading of Auto body, mini buses bodies, bus bodies building etc. The supplier company is located in Hyderabad, Telangana and is one of the leading sellers of listed products. Buy Auto body, mini buses bodies, bus bodies building in bulk are the best quality products and service.We

were divided into two groups and escorted by our guide Mr.Chaitanya .



We were then taken into the Bus body Building Firm and then to SVR Seating System to understand experience the entire process of fabrication of the seating system.

Sequence of Bus body building operation:

- Chassis Preparation
- Side and front framing
- Roof framing and rear end
- Truss panel riveted
- General inspection
- Roof panels
- Paneling and moulding
- final finish

All of these processes included automatic machines which were manually operates by the workers. Each head from the respective domains have clearly explained us step by step regarding the assembly of each and every part of the tractor. We also got a chance to view the operating and

functioning of the robotic arm that was used for the post painting process. After the assembly process, the manager of the Srie Vedass Industries had given us a brief about the company and the Sequence of Bus body building operation. After 3:30 pm we boarded the college bus to get back to our college. We have reached our college by 5:00pm



Conclusion:

This industrial visit to Srie Vedass Industries enriched our knowledge and experience and also provided a great opportunity to learn about the industrial applications of the components that we were taught theoretically and also additional knowledge of seat fabrication using Polyol and isocynate.



GRIET/6C/G/20-21

EVENT SUMMARY REPORT

Griet/Other institutes/Organization Address	GRIET				
Department	ME	Professional Body		Institutional Body	
Nature of the Event (Workshop / Seminar / Guest Lecture / Tech Talk/FDP/GD/ Training Program / Quiz / Presentation/Conference/ Industry Visit/Any Co & Extracurricular Activities)	Industry Visit Mahindra & Mahindra				
Title / Theme of the Event	Automobile Industry Technical Knowledge Enhancement				
Details of the Coordinator& Designation	Dr N Sateesh-Professor(ME), GRIET BCH Nookaraju- Associate Professor(ME), GRIET Dr R Raman Goud -Professor(ME),GRIET				
Event Dates/Days	From	To	No. of Days		
	11/2/2023	11/2/2023	1		
Details of the Speaker / Guest Organization Address:	Sai Kiran- Training officer, Mahindra& Mahindra				
Participants (Teaching Faculty / Non-Teaching Faculty / Students)	No.of Faculty	No. of UG students	No.of PG Students	No.of outside participants	Total Participants
	3	52(III yr Mechanical Engineering (2020-24batch	-		
Faculty Names & Designation	Dr N Sateesh-Professor(ME), GRIET BCH Nookaraju- Associate Professor(ME), GRIET Dr R Raman Goud -Professor(ME),GRIET				
Summary of the Event					

IRG (in rupees) Deposited A/C no A/C name and date and other details (enclose proof-A/C statement)	<p>-</p>
Expenditure (in rupees) (Enclose proof-bills)	<p>Rs1820/- (Cheque details attached)</p>
POs attained with this Event (number and description)	<p>PO3: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.</p> <p>PO7: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.</p> <p>PO11: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multi-disciplinary environments.</p> <p>PSO1: Apply the concepts of computer aided design and manufacturing, material science engineering, thermal engineering technologies for design, analysis and maintenance of mechanical systems and processes.</p>

Photographs of the event
(Hard copy and Soft copy)



PNB Punjab National Bank
BACHIPALLY (Medchal) Telangana-500080
RTGSNEFT FS Code: PUN0008210

पेमेंट ऑर्डर का प्रभाव: AT ALL BRANCHES

पेमेंट का प्रकार: 1 3 0 2 2 0 2 3
D D M M Y Y Y Y

PAY N. Sateesh
₹ 18,20/-

₹ 18,20/-

AC No: 18822191002576

बैंक खाता: 18822191002576
Savings A/C

751APM HHS

For HOD MECHANICAL DEPARTMENT

580000
Authorized signatory
Please sign below

VALID FOR THREE MONTHS ONLY

To
The principal,
GRIET, Hyderabad.

DT: 8/2/2023

Dear sir,

Sub: - Request to arrange college bus transport facility
for industry visit - reg.

This is to inform you that, Our III B-Tech ME
Students willing to visit Mahindra's Mahindra,
Zaheerabad Industry, on 11/2/2023 (Saturday)

Kindly arrange college bus transport facility
on 11/2/2023 Morning 8:30 am.

No. of students: 55, faculty: 02.

Thanking you sir,

Yours faithfully,
Dr. N. Sateesh
Prof. (ME) & Dean
Alumni Affairs

Kindly do the
needful
B. V. Joshi
Gen. B. Joshi
HOD/ME

Regards

Dr.N.Sateesh
Professor
Department of Mechanical Engineering
Gokaraju Rangaraju Institute of Engineering and Technology(Autonomous)
Bachupally,Hyderabad-500090
Mobile:+918985215775

[Quoted text hidden]

III Mech Students list.xlsx
64K

JG SAIKIRAN <JG.SAIKIRAN@mahindra.com> Fri, Feb 3, 2023 at 8:33 AM
To: Sateesh Nagari <sateeshnagari1@gmail.com>
Cc: KALSAIT GANESH <Kalsait.G.I@mahindra.com>, ANDAWARAPU RAVI <ANDAWARAPU.RAVI@mahindra.com>, LAXMINARAYANA VANDANA <LAXMINARAYANA.VANDANA@mahindra.com>, BABAIHAGARI MAHESHKUMAR <BABAIHAGARI.MAHESHKUMAR@mahindra.com>, PALANDE SANJAY <PALANDE.SANJAY@mahindra.com>, KOMARAI AH PADAMATI <KOMARAI.AH.PADAMATI@mahindra.com>, B VENKATARAMANARAO <B.VENKATARAMANARAO@mahindra.com>, DANDGE DADA <DANDGE.DADA@mahindra.com>, EDPUGANTI UMASANKARARAO <EDPUGANTI.UMASANKARARAO@mahindra.com>

Dear Sateesh sir,

We are happy to welcome you to our plant.

Please plan your visit on 11th Feb 2023.

Dear Laxmi, Please provide Tea, snacks & Lunch.

Dear Line managers, Please request you to please explain them the process.

Regards,

SAI KIRAN J G.

From: Sateesh Nagari <sateeshnagari1@gmail.com>
Sent: 01 February 2023 15:43
To: JG SAIKIRAN <JG.SAIKIRAN@mahindra.com>
Subject: Re: Sub: Request to give permission to visit your esteemed industry-reg

CAUTION: This email originated from outside of the Mahindra organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

[Quoted text hidden]

---DISCLAIMER--- The contents of this E-mail (including the contents of the enclosure(s) or attachment(s) if any) are privileged and confidential material of Mahindra and Mahindra Limited (M&M) and should not be disclosed to, used by or copied in any manner by anyone other than the intended addressee(s). If this E-mail (including the enclosure(s) or attachment(s) if any) has been received in error, please



Gokaraju Rangaraju Institute of Engineering & Technology
Dept. Mechanical Engg Year : III B.TECH - II Sem 2022-23 DATE:

S.NO	ROLL NO.	NAME / SUJECT							
1	20241A0301	ARYAN BALAJI							
3	20241A0303	BEVARA MITHIN							
4	20241A0304	BHEEMSHETTI VAISHNAVI							
5	20241A0305	BORUSU PRASANNA							
6	20241A0306	CHATTUMALA KAVYA							
7	20241A0307	CHILUPURI PRANAY							
8	20241A0308	CHINAVATH SONIYA							
10	20241A0310	DEVASANI SANDEEP							
11	20241A0311	DHANURI BHARATH YADAV							
12	20241A0312	DHEERAJ VELAMALA							
13	20241A0313	DUDIGAM SHIVA							
14	20241A0314	ELAVALA NAGA SAI REDDY							
15	20241A0315	GOLI KAUSHIK CHANDRA							
16	20241A0316	GONE KIRAN KUMAR							
17	20241A0317	GURUGUBELLI AKASH							
18	20241A0318	H KRUPA							
19	20241A0319	JAGANI SHANMUKH							
20	20241A0320	K PUNEETH VERMA							
22	20241A0322	KADIYALA PRATHAM RAO							
23	20241A0323	KALLEPALLI CHAITANYA SAI							
24	20241A0324	KAMSALI VENKAT							
25	20241A0325	KANNOJI ABHISHEK							
26	20241A0326	KETHE GANESH							
27	20241A0327	KOTHOLLA RAGHAVENDAR							
28	20241A0328	KUTHURI GIRIDHAR SAIKIRAN							
29	20241A0329	LENKALAPELLI SAI CHARAN							
30	20241A0330	MAKAM ADITHYA							
31	20241A0331	MPRASANNA KUMAR REDDY							
32	20241A0332	MARNENI SARIKA							
Number of Absentees									
Faculty Signature									

Dr. A. Anitha Lakshmi III B.Tech Incharge

Gokaraju Rangaraju Institute of Engineering & Technology

Dept: Mechanical Engg Year : III B.TECH - II Sem 2022-23 DATE: _____

S.NO	ROLL NO.	NAME / SUBJECT							
33	20241A0333	MD WASEEM SHAREEF							
34	20241A0334	MERUPUMALLA VINOLIKA							
35	20241A0335	METHARI PRAVEEN							
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37	20241A0337	MOHD ABDULLAH ZAYD							
38	20241A0338	MUKKU SANDEEP GOUD							
39	20241A0339	MUSILIGARI PAVAN							
40	20241A0340	N VASANTH							
41	20241A0341	P R SANJANA							
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43	20241A0343	PAMIDIMUKKALA NANDADEEP							
44	20241A0344	PANCHAGIRI SRIDEVI							
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48	20241A0348	RAHUL THOTA							
49	20241A0349	RAJ LAXMIKANT BHAKKAD							
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56	20241A0356	VARUNN RAJESH							
57	20241A0357	YARAMALA ITHIHAS REDDY							
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61	21245A0303	JAMMUSAI KISHORE							
62	21245A0304	VAMSIDHAR							
63	21245A0305	SAMUDRALA TIMOTHY							
64	21245A0306	SUBHASH KUMAR RAY							
65	21245A0307	VEEROJU CHAKRI							
Number of Absentees									
Faculty Signature									

Faculty
 Dr. A. Anitha Lakshmi III B.Tech Incharge
 Dr. N. Sateesh Professor
 Dr. R. Ramon Goud Professor
 BCh Nooka raghu Associate Professor

Proofs to be enclosed

- 1.Certificates copies- Enclosed**
- 2.Profile of Speaker**
- 3.PPT/Material as applicable. etc.,**

Signature of Coordinator

Signature of HOD

INDUSTRIAL VISIT REPORT

Date of visit: 11th February 2023
Company: MAHINDRA TRACTOR PLANT ZAHEERABAD

INTRODUCTION

An industrial visit to *“MAHINDRA TRACTOR PLANT ZAHEERABAD”* was successfully organized by the department of mechanical. Fifty-two students along with the faculty have visited the tractor plant to understand how the technology works, production activity, management process and also to acquire knowledge and experience.



The mahindra tractor plant is around 92 kms from our college ,we boarded the college bus at 8:30 am and reported at the destination at 10:45am. After completing the security formalities and refreshment break ,Mr.Sai kiran(griet student from mechanical department) have received us and guided us .We were divided into two groups and escorted by our guide Mr.Sai kiran .



We were then taken into the tractor plant to understand experience the entire process of assembly of the tractor. The tractor assembly was done in four steps:

- The engine assembly
- The transmission system
- Pre-paint
- Post-paint

All of these processes included automatic machines which were manually operated by the workers. Each head from the respective domains have clearly explained us step by step regarding the assembly of each and every part of the tractor. We also got a chance to view the operating and functioning of the robotic arm that was used for the post painting process. After the assembly process, the manager of the Mahindra (zaheerabad) had given us a brief about the company and the manufacturing process of the tractors.

We then had our lunch provided by the Mahindra company and then boarded the college bus to get back to our college. We have reached our college by 5:00pm



Conclusion:

This industrial visit to Mahindra tractor plant enriched our knowledge and experience and also provided a great opportunity to learn about the industrial applications of the components that we were taught theoretically and also additional knowledge of transmission and distribution system.



GRIET/6C/G/18-19-20

EVENT SUMMARY REPORT

Griet/Other institutes/Organization Address:	GRIET				
Department	ME	Professional Body		Institutional Body	
Nature of the Event (Workshop / Seminar / Guest Lecture / Tech Talk/FDP/GD/ Training Program / Quiz / Presentation/Conference/ Industry Visit/Any Co & Extracurricular Activities)	Industry Visit				
Title / Theme of the Event	Hindustan Coca-cola Beverages Pvt. Ltd. Ameenpura, Hyderabad				
Details of the Coordinator& Designation	1. Dr. S. Ravi Sekhar (659), Asst. Prof. Dept. of ME 2. D.S.Nagaraju(324) Assoc. Prof., Dept. of ME				
Event Dates/Days	From	To	No. of Days		
	21/12/2019	-	01		
Details of the Speaker / Guest Organization Address:	Hindustan Coca-cola Beverages Pvt. Ltd. Ameenpura, Hyderabad				
Participants (Teaching Faculty / Non-Teaching Faculty / Students)	No.of Faculty	No. of UG students	No.of PG Students	No.of outside participants	Total Participants
	02	70	0	0	72
Enclose participants list					
Faculty Names & Designation					

Summary of the Event	<p>In this company products are manufactured in different sections</p> <p>Section 1: Blow Max where the bottles are given a different shape.</p> <p>Section 2: Two containers which consists of Syrup and Carbonated water these are mixed and bottles were filled automatically.</p> <p>Section3: In another section these bottles are Sealed and Labeled. Damaged and in completed filled bottles are separated.</p> <p>There is a video show regarding the safety precautions which we need to follow inside the company</p>
IRG (in rupees) Deposited A/C no A/C name and date and other details(enclose proof-A/C statement)	NA
Expenditure (in rupees) (Enclose proof-bills)	Rs. 200/- (Drivers Lunch)
POs attained with this Event (number and description)	<p>L. Recognize the need for and an ability to engage in life-long learning</p> <p>H. understands professional and ethical responsibilities</p> <p>F. Understand the impact of engineering solutions in a global, economic and social context.</p>
Photographs of the event (Hard copy and Soft copy)	
Proofs: 1.Certificates copies 2.Profile of Speaker 3.PPT/Material as applicable. etc.,	Photos



Signature of Coordinator



Signature of HOD



To

Date: 17/12/2019


The Principal,
GRIET, Bachupally.
Hyderabad-500090


Sub: Request to Visit " HINDUSTA COCA-COLA BEVERAGES PVT LIMITED", Industrial Estate, Ameenpur, Hyderabad.


Respected Sir,

We the Faculty of Mechanical Engineering Department, Planning an Industrial visit for B.Tech II year (Mech) students to Coca Cola Factory Industrial Estate, Ameenpur –Hyderabad on 21st December -2019(10:00 AM to 3:00 PM). Hence we request you to provide permission to visit and transport facility for sixty (60) students.

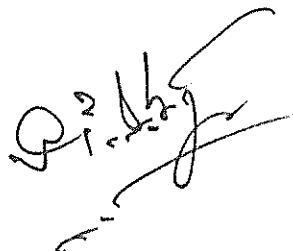
Thanking you Sir,

Sir,
Kindly permit

17/12/19

Yours Sincerely,

Dr.S.Ravi Sekhar (659)
D.S.Naga Raju (453)


17/12/19
(ADSA)

J. Baveen
THP ilc kindly arrange.
17/12/19


P. S. Reddy

Consent Letter .doc

From: M Pardha Saradhi (msaradhi@coca-cola.in)
To: vsuryanarayanaraju@coca-cola.in
Cc: 7starschildren@gmail.com
Date: Thursday, 19 December, 2019, 05:02 pm IST

Dear Sirs/ Madams.

Thank you for confirming the visit of your students to really have the finest digital experience and world class technology.

Videography and photography are planned during the visit of experience centre and we may up load photos and videos in our website. Hence there is a possibility of your students be in the photos or videos that may up loaded in the website and not to have nay issues in future, we seek the consent of the same in the attached formate.

If the students did not have the phone number or mail id, it is fine mentioning NA.

Please take a print out and get it copied, for filling it (one for each student) appreciate if you can put the school / college round seal on each page.

Would request you to fill the format, at least during the travel time from your school to our plant enabling to save time and hassle free entry and visit.

Thanking and wishing your children all the best.

Regards,

PARDHA SARADHI M

NATIONAL MANAGER – PUBLIC AFFAIRS AND COMMUNICATIONS

HINDUSTAN COCA-COLA BEVERAGES PVT LTD

9985922999

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26kB



Gokaraju Rangaraju Institute of Engineering & Technology

Industrial Visit at Hindustan Coco-Cola Beverages Pvt. Ltd, Hyderabad

Dept: Mechanical Engineering

Date:21-12-2019

Roll No	Name of the student	Signature
185D1A0324	K Dheeraj	
18241A0302	Alige Sravan Putra	
18241A0303	Alla Shreshta	
18241A0304	Appana Nikhil	
18241A0305	B Dhanush	
18241A0306	Babbepalli Radhakrishna Saisurya Sashank	
18241A0307	Bunadri Sai Harshavardhan	
18241A0308	Baja Sundeep Kumar	
18241A0309	Begudem Srinath	
18241A0310	Bhukya Tejavital	
18241A0311	Billa Sharan Sudhivya	
18241A0312	Budime Akhil	
18241A0313	Chowdarigari Maheswari Reddy	
18241A0314	Sundara Sivakumar Chodavarapu	
18241A0315	Dudi Shivaram	
18241A0316	Dundigalla Hemanth Guptha	
18241A0317	Erusalagandi Abhishek Chary	
18241A0318	Edugu Srinath	
18241A0319	G Sattya Viikrama Reddy	
18241A0320	G Suneesh	
18241A0321	Gudiga Vinith Yadav	
18241A0322	Gattu Uday Shankar	
18241A0323	Goli Anvitha	
18241A0324	Indla Reddy Guru Charan	
18241A0325	J Harshit	
18241A0327	Jayanth Reddy T	
18241A0328	Kali Navya	
18241A0330	Koramoni Gopi Chand	
18241A0331	Kota Kishore Kumar	
18241A0332	Kotha Sai Santhosh Rao	
18241A0333	Kyama Praneetha	
18241A0334	Maddela Apoorva	
18241A0335	Malla Naveen Kumar	
18241A0336	Mamuduri Yashaswini	
18241A0337	Mohammad Althaf	
18241A0338	Mudavath Deepak Raj	
18241A0339	Naga Sai Hari Deepika Rampalli	
18241A0340	Nuthi Niteesh Kumar	
18241A0341	Ponna Harika	
18241A0342	Pulipati Shubhangi	
18241A0343	R Sachin	
18241A0344	Ramavath Vasanth Naik	

18241A0345	Rayala Venkata Praneeth	
18241A0347	Reyya Tarun Kumar	
18241A0348	S Vamshi Krishna	Vamshi
18241A0349	Sahadevuda Sai Rakesh Singh	
18241A0350	Sahadevudu Rakesh Singh	
18241A0351	Sama Saikiran	
18241A0352	Shaik Usman Ali Basha	Sh. Basha
18241A0353	Tapila Vijay Kishore	
18241A0354	Thammu Rakesh	
18241A0355	Thumpuru Prasanna Laxmi	
18241A0356	V Sai Sankalp	
18241A0357	Vallipalli Sri Bhargava Sai	
18241A0358	Vasu Kumar Reddy Sirigiri	Sirigiri
18241A0359	Yaswant Krishna Uppada	
18241A0360	Yata Dheeraj	Dheeraj y
19245A0301	ANIL KUMAR SANGANAMONI	
19245A0302	CHINTALA RAMYA	Chinta
19245A0303	GUGULOTH SUMATHI	
19245A0304	KATUKURI VAMSHINATH	
19245A0305	MATIKYALA SAMUEL PREETHI	Preethi
19245A0306	NENAVATH MOUNIKA	Aditya
18241A0361	Aditya Aggarwal	Aditya
18241A0362	Akunuri Prathyusha	
18241A0363	Athikha Sultana	
18241A0364	B Kalyan Sai	
18241A0365	B R Chitra Lekha	
18241A0366	Banoth Kamal Tej	Kamal Tej
18241A0367	Baury Baldev Singh	Baldev Singh
18241A0368	Beeda Santhosh Reddy	Santhosh
18241A0369	Bonkuri Vidyasagar	
18241A0370	Chamakura Rohith Reddy	Rohith
18241A0371	Challa Ranjith Kumar	
18241A0372	Chandan Jain	Chandan
18241A0373	Choudary Sonika	Sonika
18241A0374	Dhimmayagari Krishna Prasad	Prasad
18241A0375	Dharmarajula Krishna Mohan	Mohan
18241A0376	Dundumulla Sai Vikas Reddy	Vikas
18241A0377	Duvvanthula Harichandana Reddy	
18241A0378	Edara Gayathri	Gayathri
18241A0379	Gaddala Keerthana	
18241A0380	Gaddameedi Ganesh	Ganesh
18241A0381	Gangavath Suresh	
18241A0382	Gutta Yeshwenth	
18241A0383	Hareesh Kumar Shinde	Hareesh
18241A0384	Iruku Naga Sai Viswanath	
18241A0385	Kallepalli Durga Prasad	
18241A0386	Kambhampati Neerajkumar	Neeraj k
18241A0387	Kakarla Dinakar Reddy	
18241A0388	Kamepally Saidamma	
18241A0389	Kammari Jaya Sri	Jaya Sri

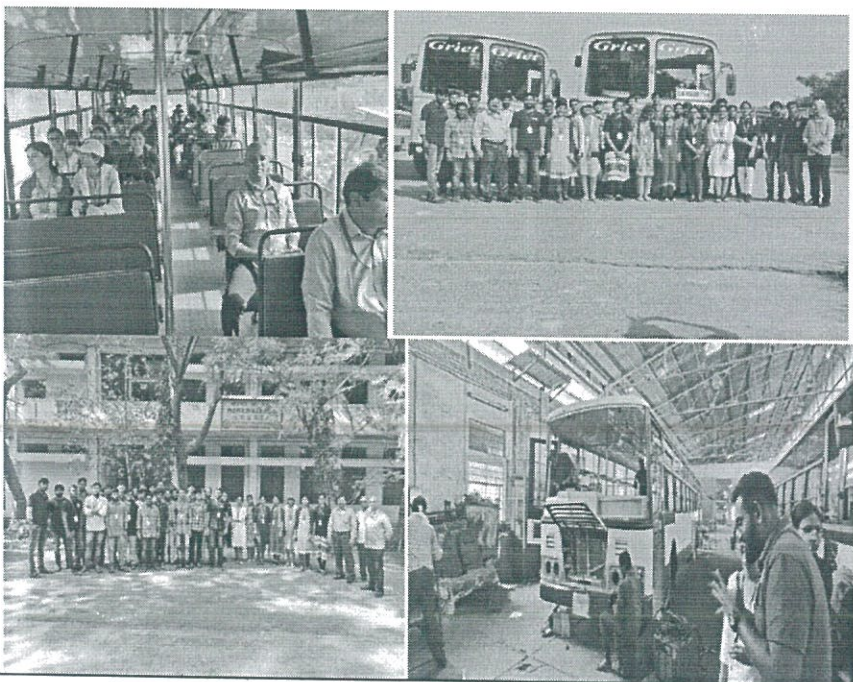
18241A0390	Kannoju Uday Siddarth	Siddarth
18241A0391	Khadirabad Vamshi Kumar	
18241A0392	Kota Uma Sakshi	
18241A0393	Mallapragada Ruchita Valli	Valli
18241A0394	Mandadi Nithin Kunal Reddy	
18241A0395	Marur Sri Ameyadatta Mihir	
18241A0396	Mekala Pavan Chandra	Mekala Pavan
18241A0397	Molla Abdul Ayaz	Ayaz
18241A0398	Mood Shreeya Chouhan	
18241A0399	Mopidevi Akhil Sharma	Sharma
18241A03A0	Nagulla Venkata Krishnam Raju	
18241A03A1	Nallamotheu Siddharth Chowdary	Siddharth
18241A03A2	Nanavath Vikas	Vikas
18241A03A3	Naraganeni Raghava Pavan	
18241A03A4	Nikhil Vuyyooru	Nikhil
18241A03A5	Nimmagadda Girish Babu	
18241A03A6	P Aman Raj	
18241A03A7	Pudari Nikhilesh Goud	Goud
18241A03A8	Piridi Sai Srihar Sumanth	
18241A03A9	Puthanveetil Syamjith	
18241A03B0	R Yamini	Yamini
18241A03B1	Rishith Vallepalli	
18241A03B2	Samadam Akhil	
18241A03B3	Sarella Rahul Alex	Rahul
18241A03B4	Sravan Kumar Chitukula	Sravan Kumar
18241A03B5	Surabhi Sandeep Kumar Rao	Surabhi
18241A03B6	Thuthuru Samuel	
18241A03B7	Vaddepally Rahul Goud	
18241A03B8	Vamsi Varma Mantena	Vamsi
18241A03B9	Vegesna Manikanta Varma	
18241A03C0	Yanala Dinakar	Dinakar
19245A0307	SRIHARI Guduri	Guduri
19245A0308	SOWMITH LOKULA	
19245A0309	PAMPANAM VENKATESH	
19245A0310	POLEPELly SAIKIRAN	Saikiran
19245A0311	UPPELly ANJANEYULU	
19245A0312	V LAKSHMIPATHI RAO	Lakshmi



GRIET/6C/G/19-20

EVENT SUMMARY REPORT

Griet/Other institutes/Organization Address:	Gokaraju Rangaraju Institute of Engineering & Technology, Bachupally, Hyderabad-500090, India				
Department	MECHANICAL DEPARTMENT	Professional Body	Institutional Body		
		SAE	SAE GRIET		
Nature of the Event (Workshop / Seminar / Guest Lecture / Tech Talk/FDP/GD/ Training Program / Quiz / Presentation/Conference/ Industry Visit/Any Co & Extracurricular Activities)	Industrial Visit				
Title / Theme of the Event	-				
Details of the Coordinator & Designation	Mr. K. Sunil Kumar Reddy, Associate Professor, Mechanical Department				
Event Dates/Days	From	To	No. of Days		
	14 th Dec2019 AM	14 th Dec 2019PM	1		
Details of the Speaker / Guest Organization GRIET	-				
Participants (Teaching Faculty / Non-Teaching Faculty / Students)	No. of Faculty	No. of UG students	No. of PG Students	No. of outside participants	Total Participants
	02	35			35
Faculty Names & Designation	K. Sunil Kumar Reddy Associate Professor				

Summary of the Event	<p>Society of Automobile Engineering India Student Collegiate club in Gokaraju Rangaraju Institute of Engineering and Technology has organized an Industrial visit to Miyapur Bus Body Unit on 14 December, 2019 from 10:00 AM to 2:00 PM for the students of Mechanical Engineering (SAE Students).</p> <p>The visit is organized with prior permission and guidance of our Head of the Department Mr.N.Sateesh and our Dean of Student Affairs Mr. Jayahari, Mr. Sunil Kumar Reddy is our co-coordinator for the whole industrial visit trip</p>
IRG (in rupees)	—
Expenditure (in rupees)	Total expenditure for visit Rs.600 .
POs attained with this Event (number and description)	a. Ability to design a chasis. b. Ability to use modern engineering tools. c. Ability to work effectively as an individual or in a team and to function on multi-disciplinary context. d. Ability to recognize the need for and an ability to engage in life-long learning.
Photographs of the event (Hard copy and Soft copy)	
Proofs: 1.Certificates copies 2.Profile of Speaker 3.PPT/Material as applicable. etc.,	Attached


 Signature of coordinator


 Signature of HOD

SAE Collegiate Club's Industrial Visit to Miyapur Bus Body Unit

23 December, 2019

Society of Automobile Engineering India Student Collegiate club in Gokaraju Rangaraju Institute of Engineering and Technology has organized an Industrial visit to Miyapur Bus Body Unit on 14 December, 2019 from 10:00 AM to 2:00 PM for the students of Mechanical Engineering (SAE Students).

The visit is organized with prior permission and guidance of our Head of the Department **Mr. N.Sateesh** and our Dean of Student Affairs **Mr. Jayahari**

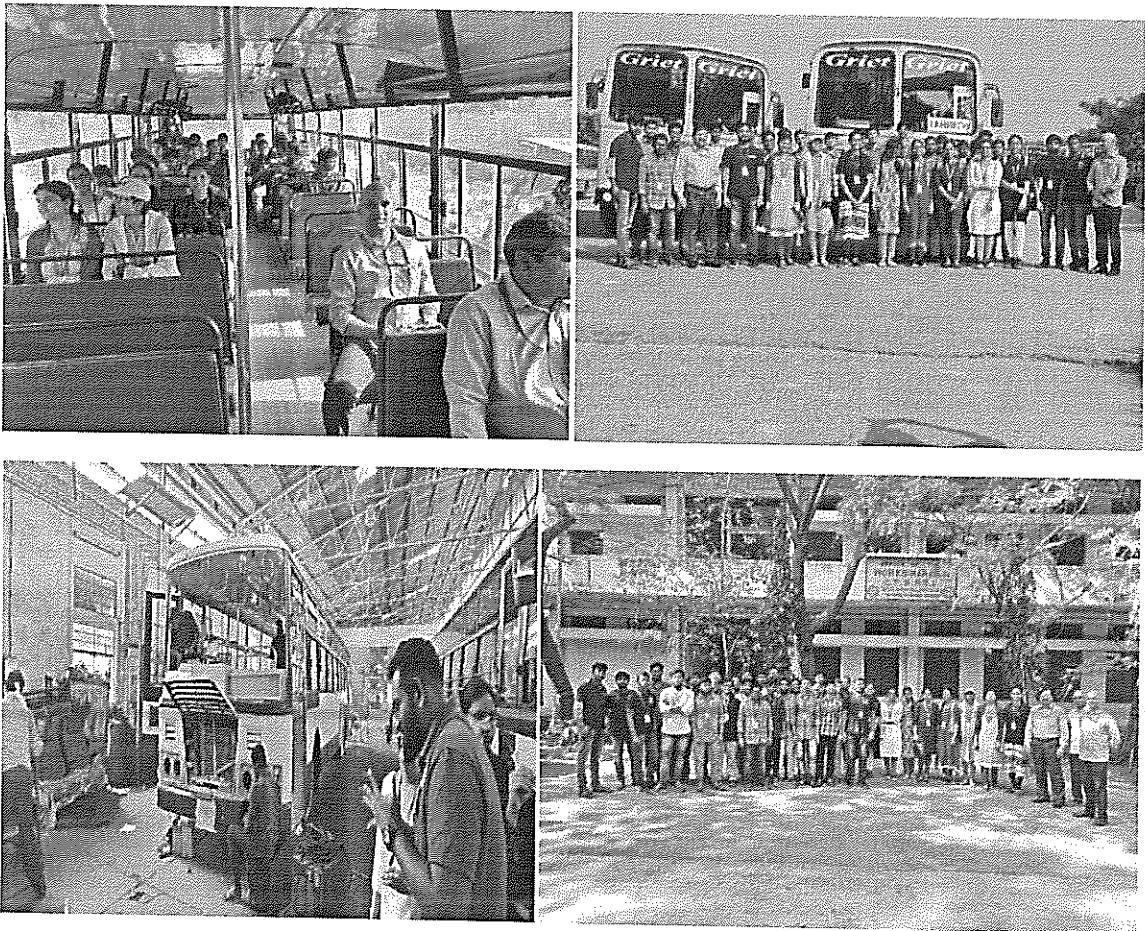
Mr. Sunil Kumar Reddy was our co-coordinator for the whole industrial visit trip.

We have started from college at 9:30 AM (via college bus) and reached Miyapur Bus Body Unit by 10:00 AM. As soon as we reached, we met Mr. Srinivasulu, the Supervisor of the whole Bus Body Unit who got placed in there in the year 2007. He was our guide to the whole visit and took all the necessary actions and precautions during our visit. He explained about the necessity of this unit and the facilities available in the infrastructure. We learned the life cycle of a Heavy Transport Vehicle and basic design considerations made, in order to sustain any condition faced in the means of transport.

In the unit, all the sections are divided and put in well organized manner such that, the processes that needs to be done, are taken in a specific manufacturing order which minimized the complexity experienced during their working hours. Their manufacturing and fabrication process of a bus has included many peaks and perks, on which they were facilitated with huge machinery and high employment. They demonstrated about how all the machinery works and at which process and purpose they were used. Their hospitality and response was very pleasing. At last we completed our trip at 2:00 PM. We returned to our college at 2:30 PM from the Unit.

This Industrial visit has given us major exposure to most of the present industrial approach and the factors considered while we make a forward step towards a decision. We learned how to improve their present technology present in the unit to an advanced state, thereby reducing their human effort and time efficiency. This has been a productive trip to all the students who attended the visit.

Gallery:



Compose

Inbox 2,653

Starred

Snoozed

Important

Sent

Drafts 165

Sign in

Signing in will sign you into Hangouts
across Google
[Learn more](#)

Requesting permission to visit bus body

Kadaru Sunil K Reddy

Sir/madam I K.Sunil Kumar Reddy, Associate Professor in Mecha

cme@tsrtc.telangana.gov.in

Sir, Pl contact our Works Manager, Bus body unit, Miyapur on 91C

Kadaru Sunil K Reddy <kadaru.s@gmail.com>

to cme@tsrtc.telangana.gov.in

Sir

Good afternoon

Thank you for giving an opportunity to GRIET SAE students to visit I

Thank you

Regards

K.Sunil Kumar Reddy

Associate Professor

Mechanical Department

GRIET

Reply

Forward

LIST OF STUDENTS VISITED INDUSTRY

UNDER SAE

on 14 DEC. 2019

[14/12/2019]

S.NO

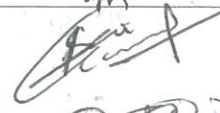
Name

Number

Sign

1) Sai Ram Sai Ganesh

17241A03 A 9



2) M. Nikhil Chand

17241A03 28



3) Y. Rohith Datta

17241A0360



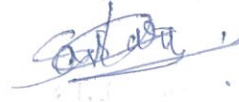
4) M. Vamsi

17241A0387



5) T. Sai Krishna

17241A0352



6) B. Rithesh Kumar

17241A03 44



7) A. Chinnu

17241A03 61




8) Sai Kiran Chowdary

17241A03 22



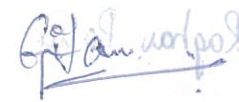
9) M. Swetha

17241A03 26



10) V. Gitanjali

17241A03 57



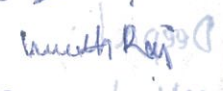
11) V. Nutan Kumar

17241A03 56



12) T. Vineeth Raj

17241A03 54



13) E. Gayatri

18241A0378



14) Sonika Choudary

18241A0373



15) Santhosh Rao

18241A03 3



16) Vamsi Krishna

18241A03 48



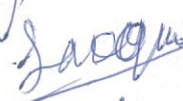
17) Harichandana Reddy

18241A0377



18) Mohd. Ahmed.

17241A0333



19) Maibu Pasha

17241A0332



20) Mohd. Mustabeen

17241A0390



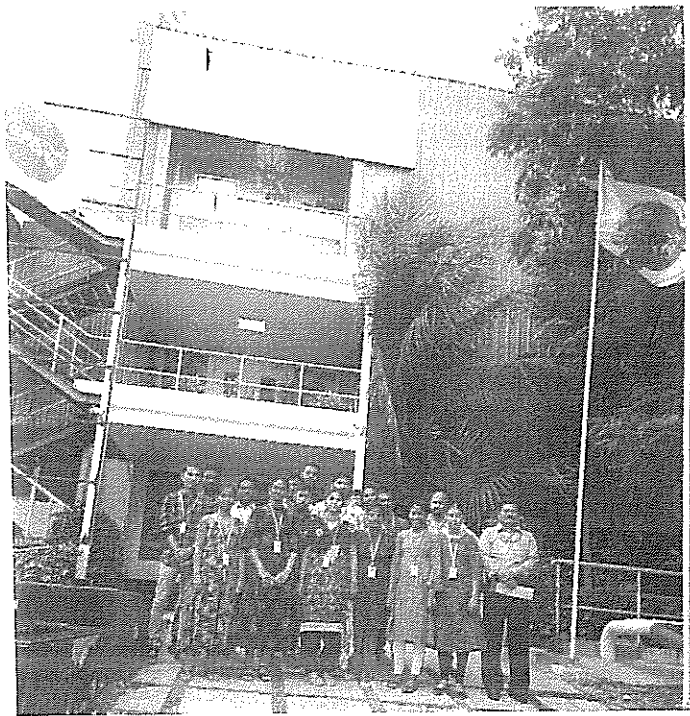
EVENT SUMMARY REPORT

Griet/Other institutes/Organization Address:	GRIET				
Department	ME	Professional Body	Institutional Body		
Nature of the Event (Workshop / Seminar / Guest Lecture / Tech Talk/FDP/GD/ Training Program / Quiz / Presentation/Conference/ Industry Visit/Any Co & Extracurricular Activities)	Industry Visit				
Title / Theme of the Event	Hindustan Coca-Cola Beverages Pvt. Ltd. Ameen Pura, Hyderabad				
Details of the Coordinator& Designation	1. Dr. S. Ravi Sekhar (659), Asst. Prof., Dept. of ME 2. Ms. M. Balu bai Asst. Prof., Dept. of ME				
Event Dates/Days	From	To	No. of Days		
	21/08/2019	-	01		
Details of the Speaker / Guest Organization Address:	Hindustan Coca-Cola Beverages Pvt. Ltd. Ameen Pura, Hyderabad				
Participants (Teaching Faculty / Non-Teaching Faculty / Students)	No. of Faculty	No. of UG students	No. of PG Students	No. of outside participants	Total Participants
Enclose participants list	02	0	21	0	23
Faculty Names & Designation					

Summary of the Event	<p>In this company products are manufactured in different sections</p> <p>Section 1: Blow Max where the bottles are given a different shape.</p> <p>Section 2: Two containers which consists of Syrup and Carbonated water these are mixed and bottles were filled automatically.</p> <p>Section3: In another section these bottles are Sealed and Labeled. Damaged and in completed filled bottles are separated.</p> <p>Section4: Palletization, packing and shifting to godown</p> <p>Section 5: Effluent treatment</p> <p>There is a video show regarding the safety precautions which we need to follow inside the company</p>
IRG (in rupees) Deposited A/C no A/C name and date and other details(enclose proof-A/C statement)	NA
Expenditure (in rupees) (Enclose proof-bills)	Rs. 200/-(Drivers Lunch)
POs attained with this Event (number and description)	<p>L. Recognize the need for and an ability to engage in life-long learning</p> <p>H. understands professional and ethical responsibilities</p> <p>F. Understand the impact of engineering solutions in a global, economic and social context.</p>
Photographs of the event (Hard copy and Soft copy)	
Proofs: 1.Certificates copies 2.Profile of Speaker 3.PPT/Material as applicable. etc.,	Photos


Signature of Coordinator


Signature of HOD



From

GRIET

Ms.M.Balubai

17.8.2019

Class Coordinator – M.Tech DFM

GRIET, Hyderabad

To

The Principal

GRIET, Hyderabad

Respected sir,

Sub: Industry visit for M.Tech students – regd


We would like to take our II year M.Tech (DFM – 14 students & TE – 12 students) accommodated with 2 faculty members, For an industrial visit to Hindustan Coca Cola Beverages Pvt Ltd, Hyderabad, an automated sector on coming Wednesday - 21.8.2019 around 11 am to 2 pm. I kindly request you to give permission, sanction transport to & fro and do the needful.

Thanking you

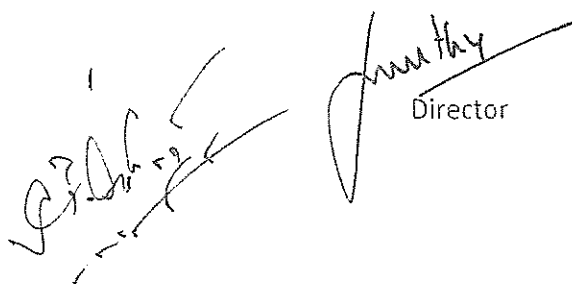
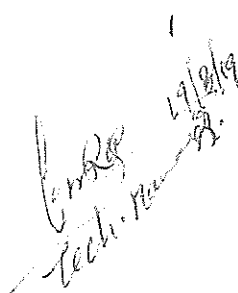
Yours Truly



Ms.M.Balubai


HOD/Mechanical Engg
Dean/ Students Affair
Principal

Tpt-ile
Kindly assist


Director
Transport Incharge

Transport Incharge



GOKARAJU RANGARAJU Institute of Engineering and Technology (Autonomous)

Approved by AICTE, New Delhi - Permanently affiliated to JNTUH, Hyderabad
Accredited by NAAC with 'A' grade

GRIET/Mech/08/19-20

17th August 2019

To
The HR Manager,
Hindustan Coca-Cola Beverages Pvt Ltd
Industrial Estate, Survey No.:169
Ameenpur, Hyderabad- 502032
Telangana State

Industry visit of GRIET M Tech-Mechanical Engineering students

Dear Sir,

Gokaraju Rangaraju Institute of Engineering and Technology was established in the year 1997. The institute is offering 6 UG and 9 PG programs. Autonomous status is conferred to GRIET by UGC and the institute is permanently affiliated to JNTUH, Hyderabad. GRIET also has NAAC A+ and NBA accreditation status.

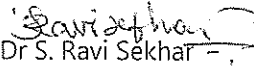
We would like to inform you that, our II M. Tech (Therma & DFM) Mechanical Engineering students are interested to visit your industry. Industry visit is essential to the students to obtain program outcomes of Mechanical Engineering. The total strength of students is 30. We would appreciate, if all the students are given opportunity to visit as per your convenience on 21st August 2019 at 11:00 a.m.

We would be obliged, if you accord permission for the students to visit your industry at the earliest.

Hoping to hear from you soon.

Thanking you,

Regards...


Dr S. Ravi Sekhar
Asst Professor

Department of Mechanical Engineering
Gokaraju Rangaraju Institute of Engineering and Technology (Autonomous)
Bachupally, Hyderabad-500090
Mobile: +91 9010643178

V. Suryanarayana Rao
[Signature]
21/08/19
9985710831

Date: 21/8/2019

Industrial visit report

An industrial visit To Coca Cola Company Private Limited located Ameenpur, Hyderabad was organized by the Mechanical Department of GRIET on Wednesday, 21st august 2019. Twenty Mechanical Engineering students and two faculties visited to Coco Cola Pvt. Ltd. to interact with the Industry people to understand current market scenarios, how production process takes place. In this we were curious about how fully automated industry works how they are operated and controlled.

In the afternoon at 12:00 pm we visited to Coca Cola Pvt. Ltd. The Technical Head of Coca Cola Pvt. Ltd. conducted very informative session for the students. He explained some safety measures that we must take in industry, and he explained the evacuation steps we must take when there is a fire alarm. Then he given a brief description of Coca Cola Pvt Ltd like, how many branches they have, what kind of products they produce like carbonated drinks like Limca, Sprite, Kinley and flavored juices like Maaza, Minute maid, Fanta and Coca Cola, Thumbs Up beverages and what is their production capacity.

Then they offered us a Maaza of 250ml. They explained us the production process which includes the extraction of pulp from Alphonso mango, fermentation process and the product code inscribed on the tetra pack in detail. They even explained about water treatment plants and inspection procedures. They use three different types of bottles like PET (Polyethylene terephthalate) Material, Glass material, Tetra pack bottles. They follow different inspection procedures for different bottle materials. They explained about waste water disposal procedures.

Finally, we entered the plant!!! It is a massive plant with a large flexible automation set up. There are three blocks where in one block PET bottles are blow molded and travels on conveyor they are automatically filled with the syrup, capped collected in boxes of at least 30 capacity and these are moved on roller conveyor and there is pneumatic lifting machine which lifts these boxes and patches 3 to 4 boxes together. Then these boxes are wrapped with a plastic cover using octopus stretch wrapping machine. The fork lift takes these boxes to the ware houses. The capacity of this block is 700 bottles per minute. There is a same block of 500 bottles per minute (BTM) with same equipment setup.

The second block is glass bottle filling equipment set up this block which is also fully automated. There is a bottle washer set up which cleans the bottle with chemical cleaning agents. Finally cleans with soft water then sends to filling and capping. The capacity of this block is 300 bottles per minute (BTM).

The final block is Tetra pack filing. In this process the tetra pack bundles are mounted on a shaft with a rotary motor. The next step in this method is the bundle of tetra packs will be un wounded and sized according to the pack. Later the sized packs are bulged with the help of an air blower. Next, they are filled with Mazza.

Next, we visited the waste water treatment plant. Here they purify the waste water in 3 steps. The treated water is utilized for aquarium. Later he clarifies our doubts.

It was a memorable experience with lot of knowledge sharing. Finally, we left the premises at 2.00 p.m. It was an informative, interesting and a successful visit. We express our thanks to the Technical Head and all team members of Coca Cola Pvt. Ltd. who spent their valuable time for us. We also thank to our respected Dr. Rama Subbaiah sir, Dr. Ravi Sekhar sir and Ms. M. Balubai mam and who arranged such an informative program.

Thanking You

G. Lakshmi Prasanna

I was thrilled to visit the Coca-Cola manufacturing unit plant for the first time. What a treat it was to see the actual process from the onset of the pre-form bottles passing from one point to another point and traveling down for filling line until the moment the final product is sealed for delivery, and ultimately returned, recycled and repeated (in other cases). We have seen various number of automated operations like bottle making, filling, labeling, Inspection, packing etc.

And I'm so thankful to Dr. Ravi Sekhar sir and Ms. M. Balubai mam for giving us the great opportunity to visit the "COCA-COLA MANUFACTURING UNIT"

Thanking you

K SAI KIRAN

A Report on Industrial visit at Coca-Cola Pvt Ltd

21-08-2019

Coca-Cola Company was introduced to us by Hindustan Coca-Cola Beverages Pvt Ltd plant located at Amenpura Village near to Mayapuri, Hyderabad

- We were visited the plant to know the information regarding the manufacturing details and Supply chain, Total quality management of the plant

To understanding the manufacturing process inside the plant and it was informative and exciting to learn about production designing of the commodity, preparation, controlling, packaging and labelling, distribution process

"CEO" of Hindustan Coca-Cola Pvt Ltd - Christina Ruggiero

* The recorded video of Christina Ruggiero greeted with the visitors

& Explained about the safety precautions inside the plant

* The technical staff were taken inside the plant and were allowed to see the observations through glass windows.

Entry into the main site of manufacturing operations was not allowed due to hygiene and quality issues

Product portfolio

- (1) Coke
- (2) Thums-up
- (3) Sprite
- (4) Fanta
- (5) Diet coke
- (6) Maaza
- (7) Minute maid (Apple, Pulpy Orange)
- (8) Kinley water
- &
- Kinley Soda

ABOUT PRODUCTION PROCESS:-

- * Water Treatment Plant (using RO)
- * Bottle washing plant (The process duration is 20 minutes)
- * Bottles are then sent through the inspection center

→ Syrup room :-

* Here syrup is prepared from filtered water, sugar & the essence

* The room is well equipped with several tanks and filters

* Inspected bottles are gradually come under the filtration machine.

* Carbonated syrup by this time fills the filter machine

* The exact rate of filling is 400 BPM, 600 BPM

→ The views of Thums-up bottles moving along a conveyor belt

* Estimation sales for million cases

One Case 24 Bottles

(* After filling of bottles, the bottles sent to the inspection center

* PADS are used to pick by the robotic arm

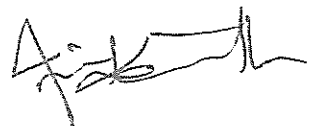
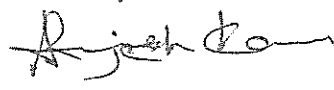

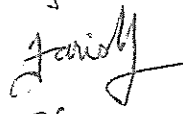




Detect with the electronic machine with 360°

* PADS are used to pick by the robotic arm

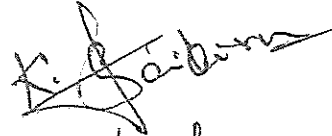


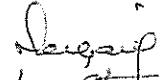
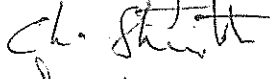
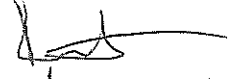

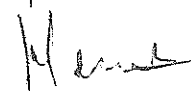


* Wraps are used for packaging (i.e., 3 to 4 rotations)
by using octopus machine

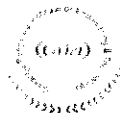
→ Maaza (This pulp will made in North India)

The package of maaza is 400 ppm, After that the Cases of Domestic Beverage Picking at Coca-cola

S.No	Name	Roll No.	Signature
1.	M. Bhagyalakshmi	18241D2110	M. T. L. nageswari
2.	V. Arul Hemanth	18241D2102	
3.	Rajesh Kanna . R	18241D2101	
4.	G. Pooja	18241D2107	
5.	A. Harish	18241D2105	
6.	Y. Sai Raj Kiran Kumar	18241D2104	
7.	G. Rajith	18241D2111	
8.	Rahul	18241D209	
9.	Aslam	18241D208	

M. Tech (DFM)

1.	K. Saikiran	18241D5207	
2.	K. Anusha	18241D5206	K. Anusha
3.	M. Divya	18241D5212	Divya
4.	D. Deepika	18241D5204	
5.	G. Lakshmi prasanna	18241D5205	
6.	K. Deepa	18241D5208	
7.	Ch. Sharath	18241D5203	
8.	K. Raj Kiran	18241D5210	
9.	Venkatesh	18241D5202	
10.	Hemant	18241D5201	
11.	Prasanth	18241D5214	
12.	Srukar	18241D5213	



GRIET/6C/G/18-19

EVENT SUMMARY REPORT

Griet/Other institutes/Organization Address:	GRIET				
Department	ME	Professional Body		Institutional Body	
Nature of the Event (Workshop / Seminar / Guest Lecture / Tech Talk/FDP/GD/ Training Program / Quiz / Presentation/Conference/ Industry Visit/Any Co & Extracurricular Activities)	Industry Visit				
Title / Theme of the Event	Hindustan Coca-cola Beverages Pvt. Ltd. Ameenpura, Hyderabad				
Details of the Coordinator& Designation	1. Dr. S. Ravisekhar(659), Asst. Prof., Dept. of ME 2. M.Sreekanth Asst. Prof., Dept. of ME				
Event Dates/Days	From	To	No. of Days		
	05/08/2019	-	01		
Details of the Speaker / Guest Organization Address:	Hindustan Coca-cola Beverages Pvt. Ltd. Ameenpura, Hyderabad				
Participants (Teaching Faculty / Non-Teaching Faculty / Students)	No.of Faculty	No. of UG students	No.of PG Students	No.of outside participants	Total Participants
	02	57	0	0	59
Enclose participants list					
Faculty Names & Designation					





GOKARAJU RANGARAJU INSTITUTE OF ENGINEERING AND TECHNOLOGY

Report on Industrial visit

Hindustan Coca-Cola Beverages Pvt.Ltd. Dt.5-8-2019

We had an industrial visit to **Coca-Cola** company in the morning. Before entering into the industry, they gave us instructions which are to be followed in the industry. After listening to the instructions, we went into the industry one by one.

One of the supervisors of the unit was given to us as a guide to help us in the visit. He explained us about the machines used in this industry. He explained us about the production of the cool drinks. And, their preparation and contents in the particulars. We have visited different sections like blow max where the bottles are given defined shape by blowing hot air into them and bottle cleanser where the glass bottles are cleaned by sending them into a hot water tub.

The supervisor also said that the syrup concentration will be fixed by the head department of the company. And depending on the type of drink they change the concentration of CO₂.

Unfortunately, there was an inspection in the industry. We could not explore much and there was no production for the day. As we exited the industry, they gave us complimentary drinks. It was good experience for us.

GOKARAJU RANGARAJU INSTITUTE OF ENGINEERING AND TECHNOLOGY

Dated :5th August 2019

Report on:

Industrial visit to Hindustan Coca-Cola Beverages Pvt Ltd.
On 5th August 201, we the students of Mechanical Engineering (3rd year) of GRIET were taken to the Hindustan Coca-Cola Beverages Pvt Ltd, Ameenpur Unit. Hyderabad.

First, we have entered a room where the instructor has shown us a video regarding the safety precautions which we need to follow inside the company. Later, we entered the company, there we were guided by one of the incharges. He explained us about the machinery and its working. There were different sections like blow max where plastic bottles are given a definite shape, filling section where the liquids from two containers one consisting syrup and the other carbonated water is mixed and the bottles were filled with the mixture, sealing section where the filled bottles were sealed, labeling section where the bottles were labeled and finally imperfect bottles were separated and remaining bottles were packed and ready for the sale. This company manufactures Sprite, Maaza, and Soda etc. Before leaving they provided complimentary drinks for us.

This company mostly is with automatic machines, this made the company to have high production rate of about 30,000 bottles for a day in the single unit.



Gokaraju Rangaraju Institute of Engineering & Technology

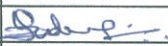






Industrial Visit at Hindustan Coco-Cola Beverages Pvt. Ltd,
Hyderabad

Dept: Mechanical Engineering

Date:05-08-2019

Roll No	Name of the student	Signature
16241A03A8	PERALA NISHANTH	<i>Nishanth</i>
17881A0313	J KAUSHAL	
17241A0301	ABDUL SIDDIQ	
17241A0303	B.DEEPAK	
17241A0304	BALLA DEEPIKA	<i>Deepika</i>
17241A0305	BANDARU SINDHU GAYATHRI	
17241A0306	BATHINI MUKESH GOUD	<i>Mukesh</i>
17241A0307	BATHULA DURGA BHAVANI	
17241A0308	BHUMBAK ROHITH	<i>Rohith</i>
17241A0309	CH.DHANUSH	
17241A0310	CHINNAM KESHAV	
17241A0311	DASARI RANI	<i>Rani</i>
17241A0312	DUKIRE RANJITH	<i>Ranjith</i>
17241A0313	G MANIKANTA	<i>Mani</i>
17241A0314	G.PHANINDRA RAJA VARMA	
17241A0315	GOLLA ROHIT	<i>Rohit</i>
17241A0316	GUNDU NAVEEN KUMAR	
17241A0317	GURPREETH KOUR	<i>Kour</i>
17241A0318	HALAVATH UPENDER	<i>Upender</i>
17241A0319	INTURI RAKESH REDDY	
17241A0320	J.V.GAUTAM	<i>Gautam</i>
17241A0321	JILLA UDAY KIRAN	<i>Kiran</i>
17241A0322	K SAI KIRAN CHOWDARY	<i>Kiran</i>
17241A0323	K.YASHWANTH REDDY	
17241A0324	KESHPALLY SHILPA	<i>Shilpa</i>
17241A0325	M PRANAV REDDY	<i>Pranav</i>
17241A0326	M SWETHA	<i>Swetha</i>
17241A0327	M.GOUTHAM	
17241A0328	M.NIKHIL CHAND GUPTA	<i>Gupta</i>
17241A0329	M.NIRANJAN REDDY	<i>Niranjana</i>
17241A0330	M.SURYA	<i>Surya</i>
17241A0331	MANDHALA BRUHATHI	
17241A0332	MD MAHABOOB PASHA	<i>Mahabub</i>
17241A0333	MD AHMEDULLAH FAROOQUI	
17241A0334	MOHD WASIM	<i>Wasim</i>
17241A0335	MOOLA AJAY CHANDRA	
17241A0336	N SAI VARUN	<i>Varun</i>
17241A0337	NAGULAPALLI SAI KOWSHAL	
17241A0338	P.HARSH	<i>Harsh</i>
17241A0339	P.NITHYA	<i>Nithya</i>
17241A0340	PATHURI BHANUPRASAD	<i>Bhanu</i>

17241A0341	P VENKATA SRIKANTH REDDY	<i>PVR Reddy</i>
17241A0342	R.SAI PRUDHVI	
17241A0343	RAMESHWARAM PRIYANKA	
17241A0344	RITESH KUMAR B	
17241A0345	S.GANESH YADAV	
17241A0346	S.S.V.S.ADITYA	<i>As</i>
17241A0347	S.SOMESWAR RAO	<i>S.S.Rao</i>
17241A0348	SARDAR HARSHIT SINGH	
17241A0349	SIRAM HARI KRISHNA	
17241A0350	SOMANA LAKSHMI GANESH	
17241A0351	T S ABHISHEK REDDY	<i>Reddy TSA</i>
17241A0352	T SAI KRISHNA	
17241A0353	T.ANIRUDH	
17241A0354	T.VIEETH RAJ	
17241A0355	T.YASWANTH	<i>Vinodh</i>
17241A0356	UPPALA NUTAN KUMAR	
17241A0357	V.GITANJALI	
17241A0358	VELAGA SAIKIRAN	
17241A0359	Y.SAMUEL	<i>Samy</i>
17241A0360	YERRAMSETTY ROHITH DATTA	
182451A0301	A.RAJ KUMAR	
182451A0302	CHENNURI VAMSHI	<i>Vip</i>
182451A0303	KACHVE RAHUL	
182451A0304	KALLURI MADHURI	<i>Madhuri</i>
182451A0305	KUNCHALA SRIHARI	<i>K. Dasi</i>
182451A0306	KURUVA MALLESH	
182451A0308	MUHAMMAD SALEEM	
182451A0309	NAKKA HARISH	<i>Harish</i>
182451A0310	SRIGIRI SAITEJASWINI	<i>Teja</i>
182451A0311	VENGALA RAGHAVENDRA	
182451A0312	YADAGIRI SHIVANI	<i>Shivani</i>
17241A0361	A CHINNU	
17241A0362	A.ABHISHEK REDDY	<i>Abhishek</i>
17241A0363	A.SAMPATH CHAKRI	<i>Chakraborty</i>
17241A0364	ABHIMALLA CHIRU DEEP	
17241A0365	ADEPU SHIVANATH	<i>Shivanath</i>
17241A0366	ASHUTOSH SHARMA	<i>Ashu</i>
17241A0367	BALDE SHIVA GANESH	<i>Ganesh</i>
17241A0368	BANDALA NAVEEN KUMAR	
17241A0369	BHAGYA BISWAL	<i>Biswal</i>
17241A0370	BHUKYA TEJASWI	<i>Tejaswi</i>
17241A0371	BOMMIRASHIPETA RAMYA KRISHNA	
17241A0372	BUDHA AKSHITHA	<i>Akshitha</i>
17241A0373	CH.SAI TEJA	<i>Teja</i>
17241A0374	CHINTHA SHASHIR	<i>Shashir</i>
17241A0375	DUGGINENI SIDDHARDHA	
17241A0376	G.GANESH	<i>Ganesh</i>
17241A0377	J VAIBHAV	
17241A0378	K.ADITYA	<i>Aditya</i>
17241A0379	K.K.PREETAM	<i>Preetam</i>

17241A0380	K.RAVI KIRAN REDDY	
17241A0381	KALLEPALLI BHAVESH	
17241A0382	KATAMANI REVANTH	
17241A0383	KOLLURI SAI SUDEEP	
17241A0384	M VIJAY KIRAN	
17241A0385	M.KARTHIKEYA	
17241A0386	MALLIKANTI MAHESH	
17241A0387	MANGALI VAMSHI	
17241A0388	MANSI JAGTAP	
17241A0389	MASEEDU BHARGAVI	
17241A0390	MD MUSTABEEN KHAN	
17241A0391	MIR AHMED ALI	
17241A0392	MOHAMMED NAWAZ KHAN	
17241A0394	N RAKESH NAYAK	
17241A0395	N.AKHILA	
17241A0396	NUNNA DHRUTHI	
17241A0397	P CHAKRADHAR	
17241A0398	P RAJESH	
17241A0399	P.SAI PRADEEP	
17241A03A0	PALADI SAI HARSHA VARDHAN	
17241A03A1	PERAKA RAHUL	
17241A03A2	PISINI GEETHASREE	
17241A03A3	R ESWARI VASUKI	
17241A03A4	RACHAMALLA SHRUTHI	
17241A03A5	R VEDANTHA KRISHNA LIKHITH	
17241A03A6	S AJAYKUMAR	
17241A03A7	SAPPATI SAI PRASAD	
17241A03A8	SHAIK ASIF	
17241A03A9	SRIRAM SAI GANESH	
17241A03B0	TEJA SAGI	
17241A03B1	TEKUMATLA NAVEEN	
17241A03B2	THAKKALLAPALLY SWATHI	
17241A03B3	V.ABHISHITH	
17241A03B4	V.S.S.SUMATH BATCHALA	
17241A03B5	VAGGU SAHAS PRINCE	
17241A03B6	VALLURI VIJAYA KRISHNA	
17241A03B7	VUTLA AKHIL REDDY	
17241A03B8	YERROLLA PRASHANTH	
182451A0313	BACHHUGUDEM REVANTH REDDY	
182451A0314	DRONAMRAJU VENKATA SAI DATTA	
182451A0315	INAPANURI VIJAY	
182451A0316	INDURI SUSMITHA	
182451A0317	NIKHILA	
182451A0318	KAMOJI AKSHAY KHANNA	
182451A0319	KORRA SRIKANTH	
182451A0320	KUSUMURU SURYA MANIKANTA	
182451A0321	MILATARY SRINIVAS	
182451A0322	MOHAMMAD TAJ	
182451A0324	POTHULA PRUTHVI RAJ	



GOKARAJU RANGARAJU Institute of Engineering and Technology (Autonomous)

Approved by AICTE, New Delhi - Permanently affiliated to JNTU H. T. Co.
Accredited by NAAC with 'A' grade

GRIET/Mech/07/19-20

To
The HR Manager,
Hindustan Coca-Cola Beverages Pvt Ltd
Industrial Estate, Survey No.:169
Ameenpur, Hyderabad- 502032
Telangana State

Industry visit of GRIET B. Tech-Mechanical Engineering students.

Dear Sir,

Gokaraju Rangaraju Institute of Engineering and Technology was set up in 1997. The institute is offering 6 UG and 9 PG programs. Autonomous Institute GRIET by UGC and the institute is permanently affiliated to JNTU H. T. Co. has NAAC A+ and NBA accreditation status.

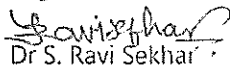
We would like to inform you that, our III B.Tech Mechanical Engineering students are interested to visit your industry. Industry visit is essential to the learning and outcomes of Mechanical Engineering. The total strength of students is 100. We appreciate, if all the students are given opportunity to visit as per your convenience of visit date and time.

We would be obliged, if you accord permission for the students to visit at the earliest.

Hoping to hear from you soon.

Thanking you,

Regards...


Dr S. Ravi Sekhar

Asst Professor

Department of Mechanical Engineering

Gokaraju Rangaraju Institute of Engineering and Technology - Autonomous

Bachupally, Hyderabad-500090

Mobile: +91 9010643178

Bachupally, Kukatpally, Hyderabad - 500090
Cell : 7207344440 / 7207714441 e-mail: info@griethyderabad.com



GRIET/6C/G/18-19

EVENT SUMMARY REPORT

Griet/Other institutes/Organization Address:	GokarajuRangaraju Institute of Engineering & Technology, Hyderabad				
Department	Mechanical Engineering	Professional Body	Institutional Body		
		SAE			
Nature of the Event (Workshop / Seminar / Guest Lecture / Tech Talk/FDP/GD/ Training Program / Quiz / Presentation/Conference/ Industry Visit/Any Co & Extracurricular Activities)	-Industry Visit Activity to Bharath Heavy Electricals Limited -				
Title / Theme of the Event	"Study of Steam Turbine and Gas Turbines Manufacturing from raw material to final Product"				
Details of the Coordinator& Designation	B Ch Nookaraju& D S Nagaraju Associate Professors				
Event Dates/Days	From	To	No. of Days		
	31/7/2019	31/7/2019	01 day		
Details of the Speaker / Guest Organization Address:	Dr K Rajeshwar Chary , Deputy Manager, Sri A Venugopal , Additional General Manager , HR Steam Turbine and Gas Turbine Production Unit, BHEL, Ramachandrapuram, Lingampally Hyderabad				
Participants (Teaching Faculty / Non-Teaching Faculty / Students)	No.of Faculty	No. of UG students	No.of PG Students	No.of outside participants	Total Participants
	02	57	-	-	59
Faculty Names & Designation	1. B Ch Nookaraju, Associate Professor, GRIET, Hyd 2. D S Nagaraju, Associate Professor, GRIET, Hyd				

Summary of the Event	Refer attached document
IRG (in rupees) Deposited A/C no A/C name and date and other details (enclose proof-A/C statement)	Not Applicable
Expenditure (in rupees) (Enclose proof-bills)	Rs .400/-
POs attained with this Event (number and description)	(b) Analyze the problem and interpret data (c) Design a system component and process to meet mechanical engineering requirement (h) Understand the professional and ethical responsibility
Photographs of the event (Hard copy and Soft copy)	Refer attached document -
Proofs: 1.Certificates copies 2.Profile of Speaker 3.PPT/Material as applicable. etc.,	Refer attached document

Signature of Coordinator

B Ch Nookaraju
Assoc Prof -

Signature of HOD

31/7/19

Industrial Visit Report

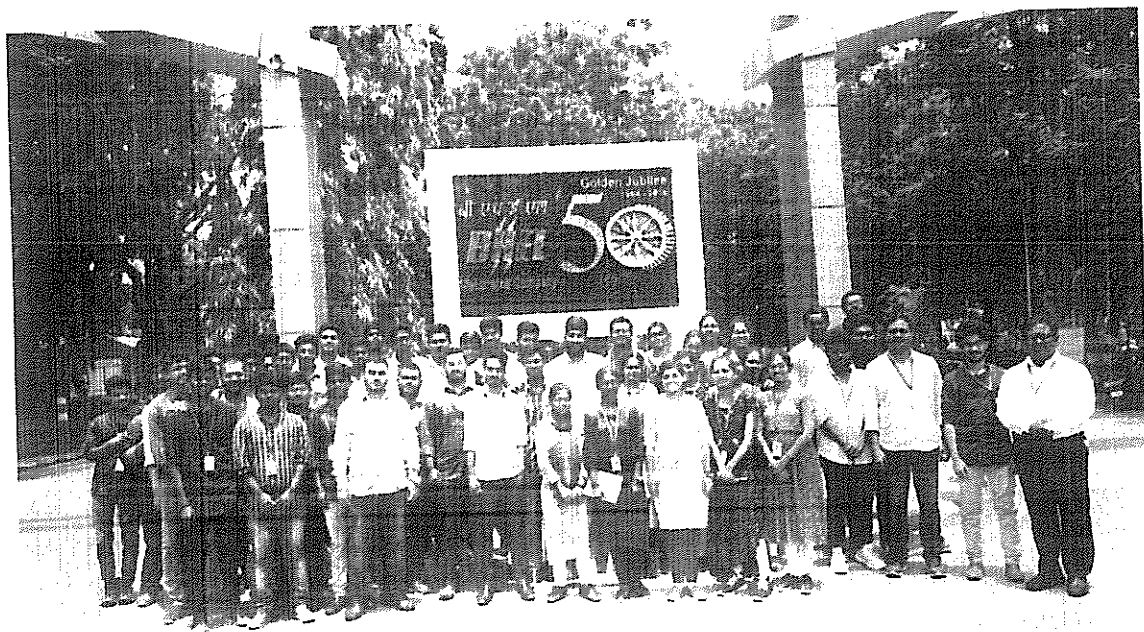
Bharath Heavy Electricals Limited

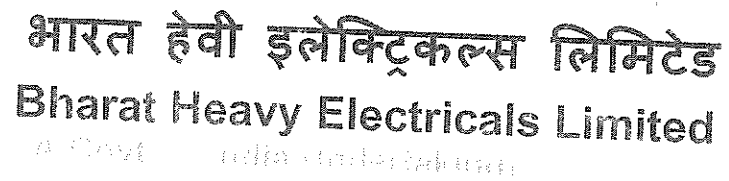
Bharat Heavy Electricals Limited is one of Maharatna PSU's in India, mostly famous for its Energy production units and innovations in the field of increasing the efficiency of turbines and compressors. We entered the workshop floor with helmets on to prevent any misfortune. Everything on the workshop floor are well very well organized and machinery maintenance was excellent. Firstly, we were given brief introduction of all precautions to be considered while on the workshop floor. It was further accompanied by detailed discussion of Rankine cycle and various elements involved in it, to give us brief introduction about the parts manufactured, assembled and tested at various sections of the floor. Thus, we were told that the turbines manufactured here are High pressure, intermediate pressure and low-pressure impulse-reaction type turbines. The first we encountered CNC Horizontal machine which includes operations like Milling Boring and drilling except turning. We were told that the accuracy of all the CNC machines were about 2 microns which was very fine in finish. In series we went on to other large and small shop desks where other operators were busy fixing and adjusting the position of guide blades in the guide vanes around the casing. All the castings were so huge enough to fit a room size of 100 sq. metre area. The next machine we saw was vertical drilling and boring machine with 4 axis of freedom one of which could be obtained by rotating and moving the base table. Every part of the turbine was made in different corners of the workshop. There was an assembly section where all the parts were brought either in train or on DOLANG 80/20 TONNE cranes attached on the top of the floor supported by fixed and continuous beams. After assembling of all the parts, the casing and guide blades attached to it were tested in a pressure testing machine with FOS 1.2 i.e. the pressure developed in the casing was 1.2 times that of normal working pressure which could help analysts to detect any blowholes, leakage of steam or any other manufacturing defects in turbine. Then we were shown various types of guide blades and moving blade along with their designs

Moving blades consists of following parts

1. Root for fixing the casing
2. Working profile aerofoil shape
3. Shroud the upper most part

Some other were L type T type Xmas tree type and fork type roots to prevent any damage due to horizontal axial thrust. The roots were locked by drilling and pinning. Other design consideration like through holes were made in order to reduce the vibrations by damping them. We were told that the highest efficiency obtained is by using twisted blades made of Ni-Cr alloy which imparts high strength and is also corrosion resistant. Later, we were informed that the boiler plants were about 4 kilometres away from the testing centres to prevent any loss of life according to the government norms. Looking at our interest and enthusiasm for learning our guide took us to CNC milling machine where we were shown various drawing charts of shafts of different sizes and how to understand and read the drawing which is considered as the most important part as a production engineer. Further we were guided about how to prepare for GATE and the internships and projects going on in BHEL.





Phone No: 040 - 2318 2227.

to
the Duty Officer/1st-2nd Gate
AFEL, Ramachandrapuram,
HYDRABAD - 50

44-38861-10000

File Generated by IndusAgri Visit on 10/07/2019 Page

1 Date of Birth: 31/07/2010 (Age: 11.5 yrs. to 15.00 yrs.)

3. Name of College/Institution: "HYDERABAD ENGINEERING INSTITUTE OF TECHNOLOGY" HYDERABAD

³ Total No. of Students & Faculty visiting: 72 (Seventy Two) 30 students and 42 Faculty.

Please permit these students and faculty from factory which will as per the Reg. enclosed.

Figure 1 is a schematic representation of the experimental design. It shows a sequence of steps: 1. A subject is shown in a box labeled 'Subject'. 2. An arrow points to a box labeled 'Stimulus presentation'. 3. An arrow points to a box labeled 'Response'. 4. An arrow points to a box labeled 'Feedback'. 5. An arrow points to a box labeled 'Next trial'. The sequence is enclosed in a larger box labeled 'Trial'.

Don't Miss It.

MURALI GOPAL V
Sub-Additional Engineer
C&PT DEPARTMENT

RECEIVED

श्री. मुरली गोपाल
V. MURALI GOPAL
उप अतिरिक्त अभियंता / श्री. एन. जी. आर.
Sub Additional Engineer / C & PR
ही. एन. जी. आर. इलेक्ट्रिकल, विभाग-32, धनल-1400, मडगाँव-32



GOKARAJU RANGARAJU Institute of Engineering and Technology

(Autonomous)

Approved by AICTE, New Delhi - Permanently affiliated to JNTUH, Hyderabad
Accredited by NAAC with 'A' grade

31/7/19

GRIET/ME/9C/G/19-20

10 July 2019

To
DGM
Public Relations
BHEL, Hyderabad

Industry visit of GRIET B.Tech-Mechanical Engineering students on 31/07/2019-Regd.

Dear Sir,

Gokaraju Rangaraju Institute of Engineering and Technology was established in the year 1997. The institute is offering 8 UG and 6 PG programs. Autonomous status is conferred to GRIET by UGC and the institute is permanently affiliated to JNTUH, Hyderabad. GRIET also has NAAC A+ and NBA accreditation status.

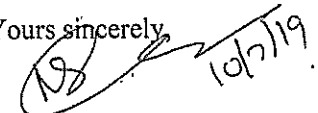
We would like to inform you that, our III B.Tech.-Mechanical Engineering students are interested to visit your industry. Industry visit is essential to the students to obtain program outcomes of Mechanical Engineering. The total strength of students and faculty is 60. We would appreciate, if all the students are given opportunity to visit as per your convenience in terms of batches and time of visit.

We would be obliged, if you accord permission for the students to visit your industry at the earliest.

Hoping to hear from you soon.

Thanking you,

Yours sincerely,


Head of the Department
Mechanical Engineering
Head of the Department
Mechanical Engineering
GOKARAJU RANGARAJU
Institute of Engineering and Technology
Bachupally, Hyderabad-500 090

ramgajareddy@gmail.com
Rao.Karvasu@griet.ac.in

Bachupally, Kukatpally, Hyderabad - 500 090, Telangana, India
Cell : 7207344440 / 7207714441 e-mail: info@griet.ac.in, www.griet.ac.in



BIHARAT HEAVY ELECTRICALS LIMITED
RAMACHANDRAPURAM: HYDERABAD-32.
(ISO 9001, ISO 14001 & OHSAS 18001 Certified Company)

Safety Guidelines for Visitors

(Coordinator shall appraise himself and the group regarding the following instructions)

1. Your Safety is utmost concern to BHEL. All Visitors shall abide by the Rules and Regulations of BHEL.
2. Visitors shall Wear Shoes & Helmets while entering the Factory premises. (The BHEL Guide will issue Helmets).
3. Do not enter areas, other than the places where the Guide takes you.
4. All visitors shall follow instructions given by their respective Guide.
5. Loose / Long Flap clothes shall not be worn near moving/rotating machinings.
6. Dupatta, Chummy etc. shall not be hanging loosely which may be caught with machine parts.
7. Specific Personal Protective Equipments (PPEs) (if required), shall be collected from concerned officials to visit shop floor areas.
8. Visitors shall not Switch-on and operate any equipments/machines.
9. Visitors shall not go near to high pressure testing and high temperature areas, furnaces or climb up-on any equipments/machines.
10. Do not panic in the event of any emergency. Look for Emergency Assembly Boards displayed in the Factory premises.
11. In case of emergency, move safely to nearby Assembly Points/Factory Gate with the help of BHEL Staff.
12. Siren Calls for:
 - a. Shift Change : Straight Siren will be sounded for 1 minute.
 - b. Major Fire/Gas Leak : Wailing type Siren will be sounded for 5 minutes.
 - c. All Clear Signal : Straight Siren will be sounded for 2 minutes.
13. In Case of Emergency Call,
 - a. CISF Control Room : Phone No. 040-2318 4190/2333.
 - b. Fire Control Room : Phone No. 040-2318 2500/3111/3666.
 - c. Ambulance Phone : Phone No. 040-2318 4155/2556/4187 (FMC).
14. Do not carry any document belonging to BHEL.
15. Photography inside the Factory premises is strictly prohibited.
16. Carrying Weapons, Electronic Gadgets like Radio transistors, Mobile phones, Storage Devices, Photography equipment's, Intoxicants, Narcotics etc., strictly prohibited inside the plant.
17. Please leave the Factory premises as soon as visit is over.
18. Deposit Helmets at the place of issue before leaving the Factory premises.
19. Visitors shall follow any specific instructions given by Safety Officer while on surveillance inspections.
20. BHEL will not be responsible and shall not pay any compensation for any injury that may arise during course of and/or arising out of the visit.

I undertake that all instructions are explained and understood by our group and will ensure strict compliance to Safety & Security requirements of BHEL.


(Signature of HOD/PRINCIPAL)
(with office seal)

Head of the Department
Mechanical Engineering
GOKARAJU RANGARAJU
Institute of Engineering and Technology
Bachupally, Hyderabad-500 090



GOKARAJU RANGARAJU Institute of Engineering and Technology

(Autonomous)

Approved by AICTE, New Delhi - Permanently affiliated to JNTUH, Hyderabad
Accredited by NAAC with 'A' grade

GRIET/ME/9C/G/19-20

10 July 2019

To
DGM
Public Relations
BHEL, Hyderabad

Industry visit of GRIET B.Tech-Mechanical Engineering students on 31/07/2019-Regd.

Dear Sir,

Gokaraju Rangaraju Institute of Engineering and Technology was established in the year 1997. The institute is offering 8 UG and 6 PG programs. Autonomous status is conferred to GRIET by UGC and the institute is permanently affiliated to JNTUH, Hyderabad. GRIET also has NAAC A+ and NBA accreditation status.

We would like to inform you that, our III B.Tech.-Mechanical Engineering students are interested to visit your industry. Industry visit is essential to the students to obtain program outcomes of Mechanical Engineering. The total strength of students and faculty is 60. We would appreciate, if all the students are given opportunity to visit as per your convenience in terms of batches and time of visit.

We would be obliged, if you accord permission for the students to visit your industry at the earliest.

Hoping to hear from you soon.

Thanking you,

Yours sincerely,

15/7/19
Head of the Department
Mechanical Engineering

Head of the Department
Mechanical Engineering
GOKARAJU RANGARAJU
Institute of Engineering and Technology
Bachupally, Hyderabad-500 090

Fw: Griet students visit to Bhel in 31/7/19 request letter

1 message

nooka raju <nookaraju@griet.ac.in>

To: "bulipechinanookaraju@gmail.com" <bulipechinanookaraju@gmail.com>

Fri, Jul 26, 2019 at 9:59 AM

From: Murali Gopal V <muraligopal@bhel.in>**Sent:** Thursday, July 25, 2019 1:28 PM**To:** 'Ramyasree' <ramyasreekeerthi@gmail.com>**Cc:** nooka raju <nookaraju@griet.ac.in>**Subject:** RE: Griet students visit to Bhel in 31/7/19 request letter

Dear Sir/Madam,

You are requested to mail us, scanned copy of list of students and Faculty, visiting BHEL, on your Institute original letterhead along with request letter for Industrial visit duly signed by the Principal/HOD of College/Institution. Not more than 50 to 60 (students and Faculty included) are allowed for the visit. Only students from 3rd year or 4th year are allowed for the visit. Names mentioned in the list sent to us only will be allowed. Any changes to the list is not desirable. The permission for Industrial visit can be requested for 31st July, 2019, for giving Final confirmation from us.

The letters/Mails are to be addressed/communicated as given below:
To

The Additional General Manager,
Communication & Public Relations Department,
BHARAT HEAVY ELECTRICALS LIMITED,
Ramachandrapuram,
HYDERABAD - 32.

With best Regards,

MURALI GOPAL V
SUB-ADDITIONAL ENGINEER,
COMMUNICATION & PUBLIC RELATIONS DEPARTMENT,
BHEL, RAMACHANDRAPURAM,
HYDERABAD. - 32.

-----Original Message-----

From: Ramyasree [mailto:ramyasreekeerthi@gmail.com]

Sent: Friday, July 12, 2019 1:52 PM

To: muraligopal@bhel.in

Subject: Griet students visit to Bhel in 31/7/19 request letter



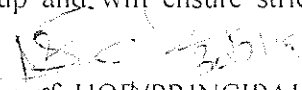
BHARAT HEAVY ELECTRICALS LIMITED
RAMACHANDRAPURAM: HYDERABAD-32.
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(Signature of HOD/PRINCIPAL)
(with office seal)

Head of the Department
Mechanical Engineering
GOKARAJU RANGARAJU
Institute of Engineering and Technology
Bachupally Hyderabad-500 080

Note:

26/07/2019,
Hyderabad.

To
The Principal,
GRIET,
Hyderabad.

Respected Sir,

Sub: Request for Transportation to BHEL Ramachandrapuram-Hyderabad on
31/07/2019 – Regd.

III B Tech (A/S) Mechanical Engineering students (58 students + 2 Faculty = 60 no's)
visiting BHEL Ramachandrapuram, Hyderabad on 31/07/2019. We request you to provide us
bus transportation to visit industry.


Thanking you,

Yours sincerely,

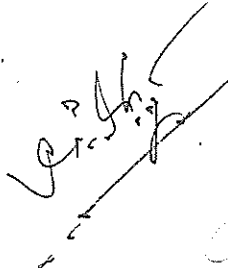

(B Ch Nookaraju)

Associate Professor

III Year Incharge


HOD Mechanical Engineering
(Dr N Sateesh, Professor)


J. Praveen


J. Praveen



Department of Mechanical Engineering
List of Students for BHEL Industrial Visit on 31/07/2019

S.No	Roll No	Name	Section	Sign
1	15241A0328	Lakshma Reddy Gudibandi	A	
2	16241A0360	UMMIDISETTI SRIHARSHA	A	
3	17241A0301	ABDUL SIDDIQ	A	A. Siddiq
4	17241A0303	B. DEEPAK	A	
5	17241A0304	BALLA DEEPIKA	A	B. Deepika
6	17241A0305	BANDARU SINDHU GAYATHRI	A	B. Sindhu
7	17241A0306	BATHINI MUKESH GOUD	A	B. Mukesh Goud
8	17241A0307	BATHULA DURGA BHAVANI	A	B. Durga
9	17241A0309	CH. DHANUSH	A	Ch. Dhanush
10	17241A0310	CHINNAM KESHAV	A	Ch. Keshav
11	17241A0311	DASARI RANI	A	D. Rani
12	17241A0312	DUKIRE RANJITH	A	D. Ranjith
13	17241A0314	G. PHANINDRA RAJA VARMA	A	
14	17241A0315	GOLLA ROHIT	A	G. Rohit
15	17241A0316	GUNDU NAVEEN KUMAR GOUD	A	
16	17241A0317	GURPREETH KOUR	A	Gurpreeth
17	17241A0318	HALAVATH UPENDER	A	H. Upendra
18	17241A0320	J.V. GAUTAM	A	J. V. Gautam
19	17241A0321	JILLA UDAY KIRAN	A	J. Uday Kiran
20	17241A0322	K SAI KIRAN CHOWDARY	A	K. Sai Kiran
21	17241A0323	K. YASHWANTH REDDY	A	K. Yashwanth
22	17241A0324	KESHPALLY SHILPA	A	K. Shilpa
23	17241A0325	M PRANAV REDDY	A	
24	17241A0326	M SWETHA	A	M. Swetha
25	17241A0327	M. GOUTHAM	A	
26	17241A0328	M. NIKHIL CHAND GUPTA	A	M. Nikhil
27	17241A0329	M. NIRANJAN REDDY	A	
28	17241A0330	M. SURYA	A	
29	17241A0331	MANDHALA BRUHATHI	A	M. Bruhathi
30	17241A0332	MOHAMMAD MAHABOOB PASHA	A	M. Mahabob
31	17241A0333	MOHAMMED AHMEDULLAH FAROOQUI	A	M. Ahmedullah
32	17241A0334	MOHD WASIM	A	M. Wasim

(direct to BHEL)

33	17241A0335	MOOLA AJAY CHANDRA	A	<i>Ajay</i>
34	17241A0336	N SAI VARUN	A	
35	17241A0337	NAGULAPALLI SAI KOWSHAL	A	<i>Ranghal</i>
36	17241A0338	P.HARSH	A	<i>Harsh</i>
37	17241A0339	P.NITHYA	A	<i>P.Nithya</i>
38	17241A0340	PATHURI BHANUPRASAD	A	<i>Bhanu</i>
39	17241A0341	PEDABALLE VENKATA SRIKANTH REDDY	A	<i>Srikant</i>
40	17241A0342	R.SAI PRUDHVI	A	<i>Prudhvi</i>
41	17241A0343	RAMESHWARAM PRIYANKA	A	<i>R.Priyanka</i>
42	17241A0344	RITHESH KUMAR B	A	<i>R.Kumar</i>
43	17241A0345	S.GANESH YADAV	A	<i>Ganesh</i>
44	17241A0346	S.S.V.S.ADITYA	A	<i>Aditya</i>
45	17241A0347	S.SOMESWAR RAO	A	<i>S.Someswar</i>
46	17241A0348	SARDAR HARSHIT SINGH	A	<i>Harshit</i>
47	17241A0349	SIRAM HARI KRISHNA	A	<i>S.H.Krishna</i>
48	17241A0350	SOMANA LAKSHMI GANESH	A	<i>S.L.Ganesh</i>
49	17241A0351	T S ABHISHEK REDDY	A	
50	17241A0352	T SAI KRISHNA	A	<i>T.Sai Krishna</i>
51	17241A0353	T.ANIRUDH	A	
52	17241A0354	TAPPA VINEETH RAJ	A	<i>T.Vineeth</i>
53	17241A0355	T.YASHWANTH	A	<i>T.Yashwanth</i>
54	17241A0356	UPPALA NUTAN KUMAR	A	<i>U.Nutan</i>
55	17241A0357	VEERNAPATI GITANJALI	A	<i>V.Gitanjali</i>
56	17241A0358	VELAGA SAIKIRAN	A	<i>V.Saikiran</i>
57	17241A0359	Y.SAMUEL	A	<i>Y.Samuel</i>
58	17241A0360	YERRAMSETTY ROHITH DATTA	A	<i>Y.Rohith</i>
59	17881A0313	J KAUSHAL	A	
60	18245A0301	AKULA RAJKUMAR	A	<i>A.Rajkumar</i>
61	18245A0302	CHENNURI VAMSHI	A	<i>Vamshi</i>
62	18245A0303	KACHVE RAHUL	A	<i>K.Rahul</i>
63	18245A0304	KALLURI MADHURI	A	<i>K.Madhuri</i>
64	18245A0305	KUNCHALA SRIHARI	A	<i>K.Srihari</i>
65	18245A0306	KURUVA MALLESH	A	<i>K.Malles</i>
66	18245A0308	MUHAMMAD SALEEM	A	<i>M.Saleem</i>
67	18245A0309	NAKKA HARISH	A	<i>N.Harish</i>
68	18245A0310	SRIGIRI SAITEJASWINI	A	<i>S.Saitejaswini</i>

Miyapur

Miyapur
Direct to B.H.E

Direct to B.H.E

69	18245A0311	VENGALA RAGHAVENDRA	A	V. Balaji
70	18245A0312	YADAGIRI SHIVANI	A	Shivani
71	17241A0361	A CHINNU	B	
72	17241A0362	A.ABHISHEK REDDY	B	
73	17241A0363	ABBURI SAMPATH CHAKRI	B	
74	17241A0364	ABHIMALLA CHIRU DEEP	B	
75	17241A0365	ADEPU SHIVANATH	B	
76	17241A0366	ASHUTOSH SHARMA	B	
77	17241A0367	BALDE SHIVA GANESH	B	
78	17241A0368	BANDALA NAVEEN KUMAR	B	
79	17241A0369	BHAGYA BISWAL	B	
80	17241A0370	BHUKYA TEJASWI	B	
81	17241A0371	BOMMIRASHIPETA RAMYA KRISHNA	B	
82	17241A0372	BUDHA AKSHITHA	B	Budha
83	17241A0373	CH.SAI TEJA	B	
84	17241A0374	CHINTHA SHASHIR	B	
85	17241A0375	DUGGINENI SIDDHARDHA	B	
86	17241A0376	G.GANESH	B	
87	17241A0377	JHAWER VAIBHAV	B	
88	17241A0378	K.ADITYA	B	
89	17241A0379	KONKIMALLA KRISHNA PREETAM	B	
90	17241A0380	K.RAVI KIRAN REDDY	B	
91	17241A0381	KALLEPALLI BHAVESH	B	
92	17241A0382	KATAMANI REVANTH	B	
93	17241A0383	KOLLURI SAI SUDEEP	B	
94	17241A0384	M VIJAY KIRAN	B	M Vijay
95	17241A0385	KAARTHIKEYA M	B	
96	17241A0386	MALLIKANTI MAHESH	B	
97	17241A0387	MANGALI VAMSHI	B	
98	17241A0388	MANSI JAGTAP	B	
99	17241A0389	MASEEDU BHARGAVI	B	
100	17241A0390	MD MUSTABEEN KHAN	B	
101	17241A0392	MOHAMMED NAWAZ KHAN	B	
102	17241A0394	N RAKESH NAYAK	B	
103	17241A0395	N.AKHILA	B	
104	17241A0396	NUNNA DHRUTHI	B	

Babu Nooka Raju
For only A/S -

Babu Nooka Raju
III I/C -
Assoc Prof, GRIET



GRIET/6C/G/18-19

EVENT SUMMARY REPORT

Griet/Other institutes/Organization Address:	M/s SVS Engineering (P) Ltd. IDA- Jeedimetla Hyderabad – 500 054				
Department	Mechanical Engineering	Professional Body		Institutional Body	
Nature of the Event (Workshop / Seminar / Guest Lecture / Tech Talk/ FDP/GD/ Training Program / Quiz / Presentation/Conference/ Industry Visit/Any Co & Extracurricular Activities)	Industry Visit				
Title / Theme of the Event	Industry Visit				
Details of the Coordinator& Designation	1. S.Ravi Sekhar(659) Asst. Professor 9010643178				
Event Dates/Days	From	To	No. of Days		
	23/02/2019		01		
Details of the Speaker / Guest Organization Address:	M/s SVS Engineering (P) Ltd. IDA- Jeedimetla Hyderabad – 500 054				
Participants (Teaching Faculty / Non-Teaching Faculty / Students)	No. of Faculty	No. of UG students	No. of PG Students	No. of outside participants	Total Participants
	02	97	---	---	99
Faculty Names & Designation	2. S. Ravi Sekhar Asst. Professor 3. M.Sreekanth Asst. Professor				

Report on Industrial Visit

To: SVS Engineering, Hyderabad

Date: 23/02/2019

By: GRIET Mech-B. Tech students

About SVS Engineering, Hyderabad:

SVS Engineering has a manufacturing unit at I.D.A Jeedimetla, Hyderabad, India, which is equipped with world class infrastructure, highly advanced and sophisticated machinery like Roll Forming, CNC Terret Punch, Hydraulic Shear, CNC hydraulic press Brake, mechanical and hydraulic presses, metal surface pretreatment unit, paint and powder coating equipment and oven baking, as well as other sheet metal fabrication machinery of the latest technology. Goals have been set for achieving zero error products in precision sheet metal working.

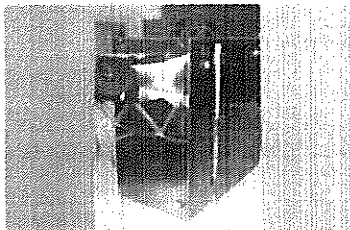
SVS Engineering attaches great importance to upgrading technology continuously which leads to increase in productivity and improved quality.

Their Products:

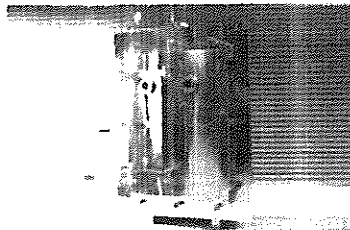
PRODUCTS

EQUIPMENT & STAINLESS STEEL FURNITURE

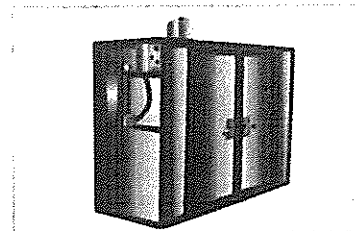
Vaccum Tray Drier/Out line of stainless steel equipment and machinery is a designed specifically for bulk drug, pharmaceutical, biotechnology, herbal, ayurvedic and other industries. The production technology and range of products have been continuously enhanced and refined to suit customer needs and requirements.



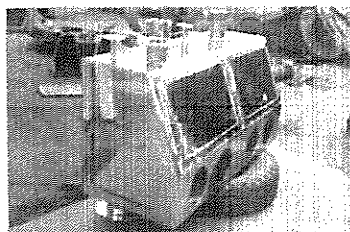
Product 1001



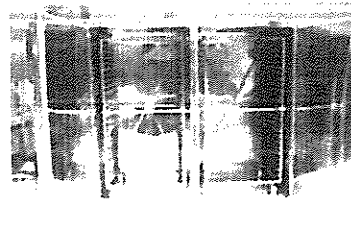
Product 1002



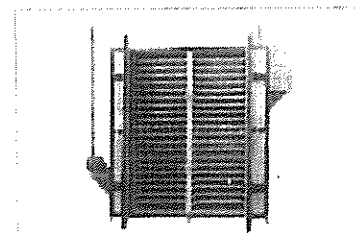
Product 1003



Product 1004



Product 1005



Product 1006

EQUIPMENT

Rotocone Vacuum Dryers

Vacuum Tray Dryers

Tray Dryers

Storage Tanks & Vessels

Double Cone Blenders

Octagonal Blenders

Ribbon Blenders

Multi Mills

STAINLESS STEEL FURNITURE

Cabinets

Tool Carts

Tables

Compartment Shelves

Wire Baskets

Material Collectors

Work Chairs & Stools

Cleanroom Equipment

Dispensing/ Sampling Booths

S. Ravi Sekhar
23/02/19
(S. RAVI SEKHAR)

18
23/02/19
HODME
Head of the Department
Mechanical Engineering
GOKARAJU RANGARAJU
Institute of Engineering and Technology
Bachupally, Hyderabad-500 090



Department of Mechanical Engineering

Industry Visit: SVS Engineering, Hyderabad.

Date: 23/02/2019

S.No	Regd.No	Name	Sign
1	17881A0313	J Kaushal	<i>Kaushal</i>
2	17241A0302	B V S CHAKRADHAR REDDY	<i>B.V.S Chakradhar Reddy</i>
3	17241A0303	B.DEEPAK	<i>Deepak</i>
4	17241A0305	BANDARU SINDHU GAYATHRI	<i>B. Sindhu Gayatri</i>
5	17241A0306	BATHINI MUKESH GOUD	<i>Bathini Mukesh Goud</i>
6	17241A0307	BATHULA DURGA BHAVANI	<i>Bathula Durga Bhavani</i>
7	17241A0310	CHINNAM KESHAV	<i>Chinnam Keshav</i>
8	17241A0311	DASARI RANI	<i>D. Rani</i>
9	17241A0313	G MANIKANTA	<i>G. Manikanta</i>
10	17241A0314	G.PHANINDRA RAJA VARMA	<i>G. Phanindra Raja Varma</i>
11	17241A0317	GURPREETH KOUR	<i>Gurpreeth Kour</i>
12	17241A0318	HALAVATH UPENDER	<i>H. Upender</i>
13	17241A0320	J.V.GAUTAM	<i>J.V. Gautam</i>
14	17241A0322	K SAI KIRAN CHOWDARY	<i>K. Sai Kiran Chowdary</i>
15	17241A0323	K.YASHWANTH REDDY	<i>K. Yashwanth Reddy</i>
16	17241A0325	M PRANAV REDDY	<i>M. Pranav Reddy</i>
17	17241A0328	M.NIKHIL CHAND GUPTA	<i>M. Nikhil Chand Gupta</i>
18	17241A0329	M.NIRANJAN REDDY	<i>M. Niranjana Reddy</i>
19	17241A0330	M.SURYA	<i>M. Surya</i>
20	17241A0332	MOHAMMAD MAHABOOB PASHA	<i>M. Mahabub Pasha</i>
21	17241A0334	MOHD WASIM	<i>M. Wasim</i>
22	17241A0335	MOOLA AJAY CHANDRA	<i>M. Ajay Chandra</i>
23	17241A0336	N SAI VARUN	<i>N. Sai Varun</i>
24	17241A0339	P.NITHYA	<i>P. Nithya</i>
25	17241A0340	PATHURI BHANUPRASAD	<i>P. Bhanuprasad</i>
26	17241A0341	PEDABALLE VENKATA SRIKANTH REDDY	<i>P. Venkata Srikanth Reddy</i>
27	17241A0344	RITHESH KUMAR B	<i>R. Kumar B</i>
28	17241A0345	S.GANESH YADAV	<i>S. Ganesh Yadav</i>
29	17241A0346	S.S.V.S.ADITYA	<i>S.S.V.S. Aditya</i>
30	17241A0348	SARDAR HARSHIT SINGH	<i>S. Harshit Singh</i>
31	17241A0349	SIRAM HARI KRISHNA	<i>S. Hari Krishna</i>
32	17241A0350	SOMANA LAKSHMI GANESH	<i>S. Lakshmi Ganesh</i>
33	17241A0352	T SAI KRISHNA	<i>T. Sai Krishna</i>
34	17241A0353	T.ANIRUDH	<i>T. Anirudh</i>
35	17241A0354	T.VIEETH RAJ	<i>T. Veeeth Raj</i>
36	17241A0356	UPPALA NUTAN KUMAR	<i>U. Nutan Kumar</i>
37	17241A0357	V.GITANJALI	<i>V. Gitanjali</i>
38	17241A0360	YERRAMSETTY ROHITH DATTA	<i>Y. Rohith Datta</i>
39	17241A0361	A CHINNU	<i>A. Chinnu</i>
40	17241A0363	A.SAMPATH CHAKRI	<i>A. Sampath Chakri</i>
41	17241A0364	ABHIMALLA CHIRU DEEP	<i>A. Chiru Deep</i>
42	17241A0365	ADEPU SHIVANATH	<i>A. Shivanath</i>
43	17241A0367	BALDE SHIVA GANESH	<i>B. Shiva Ganesh</i>
44	17241A0369	BHAGYA BISWAL	<i>B. Biswal</i>
45	17241A0371	BOMMIRASHIPETA RAMYA KRISHNA	<i>B. Ramya Krishna</i>
46	17241A0372	BUDHA AKSHITHA	<i>B. Akshitha</i>

47	17241A0374	CHINTHA SHASHIR	Shashir
48	17241A0376	G.GANESH	Ganesh
49	17241A0377	J VAIBHAV	Vaibhav
50	17241A0378	K.ADITYA	Aditya
51	17241A0380	K.RAVI KIRAN REDDY	Ravi Kiran
52	17241A0381	KALLEPALLI BHAVESH	Bhavesh
53	17241A0382	KATAMANI REVANTH	Revanth
54	17241A0384	M VIJAY KIRAN	Vijay Kiran
55	17241A0385	M.KARTHIKEYA	Karthikeya
56	17241A0386	MALLIKANTI MAHESH	Mahesh
57	17241A0387	MANGALI VAMSHI	Vamshi
58	17241A0388	MANSI JAGTAP	Jagtap
59	17241A0390	MD MUSTABEEN KHAN	Mustabeen
60	17241A0391	MIR AHMED ALI	Ahmed Ali
61	17241A0392	MOHAMMED NAWAZ KHAN	Nawaz Khan
62	17241A0394	N RAKESH NAYAK	N. Rakesh
63	17241A0396	NUNNA DHRUTHI	Dhruthi
64	17241A0398	P RAJESH	Rajesh
65	17241A0399	P.SAI PRADEEP	P.Sai Pradeep
66	17241A03A1	PERAKA RAHUL	Rahul
67	17241A03A2	PISINI GEETHASREE	Geethasree
68	17241A03A3	R ESWARI VASUKI	Esvari
69	17241A03A6	S AJAY KUMAR	Ajay Kumar
70	17241A03A7	SAPPATI SAI PRASAD	Sai Prasad
71	17241A03A8	SHAIK ASIF	Shaiq Asif
72	17241A03B0	TEJA SAGI	Teja Sagi
73	17241A03B1	TEKUMATLA NAVEEN	Naveen
74	17241A03B2	THAKKALLAPALLY SWATHI	Swathi
75	17241A03B3	V.ABHISHITH	Abhisith
76	17241A03B4	V.S.S.SUMATH BATCHALA	Sumath
77	17241A03B7	VUTLA AKHIL REDDY	Akhil Reddy
78	17241A03B8	YERROLLA PRASHANTH	Prashanth
79	182451A0301	AKULA RAJKUMAR	Raj Kumar
80	182451A0302	CHENNURI VAMSI	Vamsi
81	182451A0304	KALLURI MADHURI	K. Madhuri
82	182451A0305	KUNCHALA SRIHARI	Srihari
83	182451A0306	KURUVA MALLESH	Mallesha
84	182451A0307	MANCHOLLA JHANSI	Jhansi
85	182451A0308	MUHAMMAD SALEEM	Saleem
86	182451A0309	NAKKA HARISH	Harish
87	182451A0311	VENGALA RAGHAVENDRA	Raghavendra
88	182451A0312	YADAGIRI SHIVANI	Y. Shivani
89	182451A0314	DRONAMRAJU VENKATA SAI DATTA	Sai Datta
90	182451A0315	INAPANURI VIJAY	Vijay
91	182451A0317		
92	182451A0318	KAMOJI AKSHAY KHANNA	Akshay Khanna
93	182451A0320	KUSUMURU SURYA MANIKANTA	Surya Manikanta
94	182451A0321	MILATARY SRINIVAS	Srinivas
95	182451A0322	MOHAMMAD TAJ	Taj
96	182451A0323	NAPPARI POOJITHA	Poojitha
97	182451A0324	POTHULA PRUTHVI RAJ	Pruthvi Raj

Barisephar
(S.RAVI SEKHAR)

Head of the Department
Institute of Engineering
GOKARAJU RANGA
Institute of Engineering and Technology
Bachupally, Hyderabad-500 090.

INDUSTRY VISIT. 11 year MECH-B SVS ENG, 11/12/2019			
S.No	Name	Roll no.	Ph.no.
①	R. Eswari Vasuki	17241A03A3	9063720154.
②	B. Ramya Krishna	17241A0371	8978545759
③	M. Bhargavi	17241A0389	7097225310.
4.	I. Sumitha	18245A0316	7893502239.
⑤	P. Geethasree	17241A03A2	7396094410
6.	A. Abhishek Reddy	17241A0362	9951297940
⑦	Mansi	17241A0388	8639797489
⑧	Sruithi	17241A03A4	9948659842
⑨	A. chirudeep	17241A0364	8374671447
10.	P. Rahul	17241A03A1	9573836181
11.	Achinnu.	17241A0361 17241A0361	7032738329
12.	V. Vijaya Krishna	17241A03B6	9505302706.
13.	V. Sahas Prince	17241A03B5	7780610631
⑭	K. Nikhila	18245A0317	9885532352
⑮	P. Chalradhar	17241A0397.	9948260822
16.	D. V. S. S. Dutta	18245A0314.	808 9985893485
⑰	K. Preetham	17241A0379.	9703443764
18.	B. Aleshitha	17241A0372.	7981612228
⑱	P. Hersha	17241A03A0	9440504392
20.	M. Mahesh	17241A0386	9182675074
21.	SK. Asif	17241A03A8	9515969990
22.	P. Rajesh	17241A0398	9848225152
23.	K. Revanth	17241A0382	9848803806

	Name	Roll no	Ph. no	Mechanical -A 2 nd year
1)	<u>B. Deepak</u>	17241A0303	7702975996	
2)	Balla deepika	17241A0304	9505075808	
3)	<u>Bathula durga bhavani</u>	17241A0307	9704078727	
4)	Dasaki Jani	17241A0311	8374928917	
5)	<u>Gurpreeth Kaur</u>	17241A0317	9652721672	
6)	<u>Bancharu Sindhu gayathri</u>	17241A0305	8340083154	
7)	<u>Keshpal Singh</u>	17241A0324	7095490577	
8)	Mandhala Brahm	1724A0331	9182543502	
9)	<u>MOHD. WASIM</u>	17241A0334	7032678864	
10)	<u>Rameshwaram prajyanka</u>	17241A0343		
11)	Sardar haresh singh	17241A0348	9121532213	
12)	<u>mallesh</u>	18245A0308	7330740137	



SVS ENGINEERING (HYD)

Plot No. 61/E/2B, Pipe Line Road, Phase-1, IDA., Jeedimetla, Hyderabad - 500 055.

Phone : 23096763
Fax : 23097103
Cell : 98480 48726

Mfrs. & Suppliers : All Types of Vacuum Tray Dryers, Pharma Furniture,
Storage and Material Handling Items, Cladding & Relining
E-mail : prasad@svsengg.com

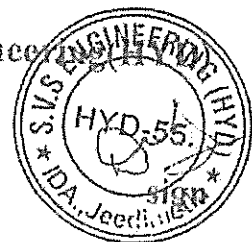
SVS/OG/112

Dt:19/02/2019

To
Mr S Ravi Sekhar
Asst. Professor
Mechanical Engineering Department
GRIET,Hyderabad-90

As per conversation made with us on 16th Feb'2019, We considered your request and permitted to visit our plant on 23rd February2019. We allow only 60 numbers of students to visit our industry freely.

S V S Engineering



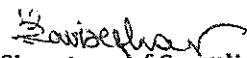


Gokaraju Rangaraju Institute of Engineering and Technology

EVENT SUMMARY REPORT

Nature of the Event (Workshop / FDP / Seminar / Guest Lecture / Talk GD / Training Program / Quiz / Presentation)	<i>Industrial visit</i>
Title / Theme of the Event	<i>Teaching learning at CIMTECH Systems (P) Ltd</i>
Details of the Coordinator	<i>S.Ravi Sekhar Asst Professor 9010643178</i>
Date on which Event is held	<i>12th January 2019</i>
Details of the Company Name: Email: Mobile No: Organization	<i>J.Vinay Kumar Business Development Executive <u>info@cimiinstitute.in</u> 8142111443 CIMTECH Systems (P)Ltd. IDA-Jeedimetla. Hyderabad</i>
Target Audience (Teaching Faculty / Non-Teaching Faculty / Students)	<i>B.Tech III year Students 102 students</i>

Summary of the Event	<p>CIM technologies are Designers, manufacturers, Trainers and employment providers. It has a variety of engineering disciplines including advanced technologies such as system analysis, Engineering Design, Equipment manufacture, Installation, Testing and commissioning automated system.</p> <p>Students from Mechanical Engineering branch have visited and studied and observed about manufacturing of fully integrated automatic Bulk water Can wash,rinse,sanctifize, fill and cap machines available in India today. These systems are designed to accommodate 10/15/20/25 liters bulk water jars with a production capacity ranges from 100 – 1200 filled jars per hour. These are designed and manufactured from scrap to successful final product</p>
POs attained with this Event (number and description)	<p><i>h. Ability to understand professional and ethical responsibility.</i></p> <p><i>c. Ability to design a system component or process to meet desired needs in mechanical engineering with in realistic constraints.</i></p>
Photographs of the event (Hard copy and Soft copy)	


 Signature of Coordinator


 Signature of HOD

Report on Industrial Visit

To: CIM Technologies, Hyderabad

Date: 12/01/2019

By: GRIET Mech-B. Tech students

1. About CIM Technologies, Hyderabad

CIM TECHNOLOGIES is a small scale engineering industry registered under SSI, ISO 9001:2008 registered company, The are in to manufacturing and machining of Aerospace and special purpose components for an engineering industry.

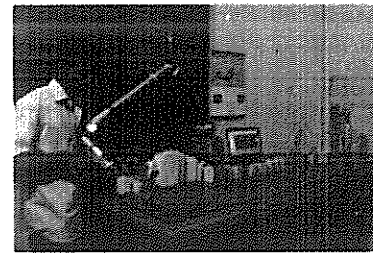
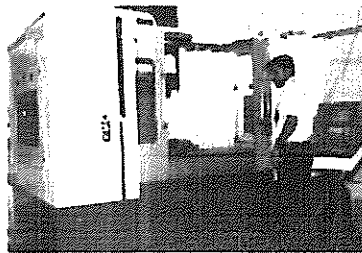
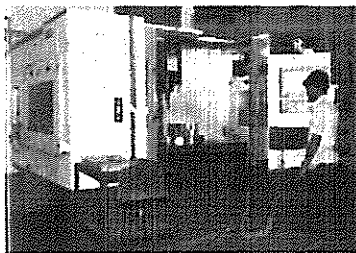
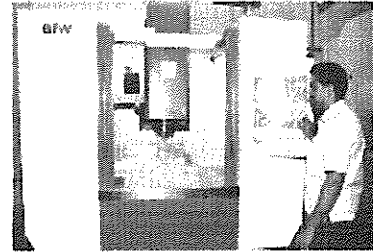
CIM TECHNOLOGIES was formed in 2008. Managed by an experienced team of highly skilled in CNC field and dedicated tool room personnel specialized in design and manufacturing of Aerospace components.

A group of passion CAM programmer, strict quality control management, state of art CAD-CAM system and highly precision CNC milling machine to take project from concept to completion with total efficiency.

2. Facilities:

S L no	DESCRIPTION	MAKE	MODEL	CAPACITY/SIZE	Q.TY
1	DOUBLE COLUMN VERTICAL MACHINING CENTRE(2014)	HARTFORD, TAIWAN	HEP-3150-S	3200*1550*800	01
2	VERTICAL MACHINING CENTRE(2008)	JYOTHI,INDIA	VMC-850(seimens- 810D)	900*510*510	01
3	VERTICAL MACHINING CENTRE(2010)	JYOTHI,INDIA	VMC-1260(seimens- 810-D)	1400*610*610	01
4	VERTICAL MACHINING CENTRE(2012)	JYOTHI,INDIA	VMC-1260(seimens- 828-D)	1400*610*610	01
5	VERTICAL MACHINING CENTRE(2017)	BFW-INDIA	BMV-50	850*510*510	01
6	VERTICAL MACHINING CENTRE(2017)	BFW-INDIA	BMV-60	1050*610*610	01
7	DRILLNG MACHINE	INDIA	-	-	01
8	VERTICAL MILLING MACHINE	WERNER. GERMANY	NO-2.5 SIZE	1300*400*450	01
9	PORTABLE ARM TYPE CMM	FARO. USA	F02-B2-13-43702	1300MM	01

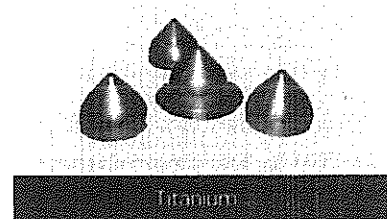
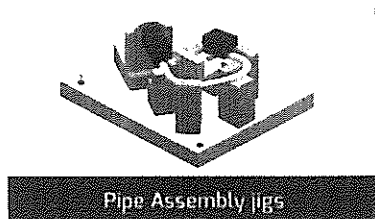
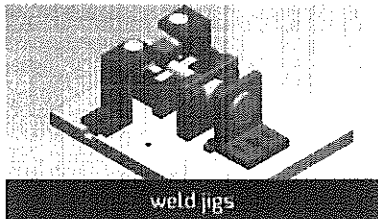
S					
L					
no	DESCRIPTION	MAKE	MODEL	CAPACITY/SIZE	Q.TY
	MACHINE				
10	PORTABLE ARM TYPE CMM MACHINEWITH SCANNER	FARO. USA	-	3000MM	01
11	TOOLROOM ACCESSORIES	-	-	-	



3. Designing

Designs for Aeronetical Industry .

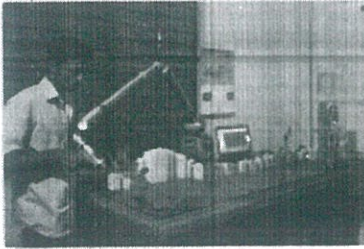
1. weld jigs
2. Pipe Assembly jigs
3. Inspection jigs
4. Machining fixtures



Inspection Services

Designs for Aeronautical Industry :

weld jigs CMM inspection and laser searching with portable arm cmm machining faro up to 3mtr .



4. Inspection services:

Lawiseefhar
12/11/19
(S. RAVI SEXTAR)

Des
12/11/19
HOD ME

Head of the Department
Mechanical Engineering
GOKARAJU RANGARAJU
Institute of Engineering and Technology
Bachupally, Hyderabad-500 090.



Department of Mechanical Engineering

Industry Visit: CIMTECH Sys Pvt.Ltd, Hyderabad.

Date: 12/01/2019

S.No	Regd.No	Name	Sign
1	16241A0301	A ADHINARAYANA	
2	16241A0302	A ROHITH SAI KRISHNA	
3	16241A0304	AJMEERA RAJU NAIK	
4	16241A0305	ARE SWATHI	
5	16241A0307	B LIKHITA SAI	
6	16241A0309	BANDARUPALI AJAY	
7	16241A0310	BANDARUPALLY VAMSI KRISHNA	
8	16241A0313	BOBBATI BHARATH KUMAR	
9	16241A0314	CHANDU GANGADHARA RAO	
10	16241A0315	CHIPPE VINEELA	
11	16241A0318	DIDDI ALANKRUTHA	
12	16241A0319	DIMPLE CHOUDHARY	
13	16241A0321	GAJULA SINDHU	
14	16241A0322	GOKAM SUNIL KUMAR	
15	16241A0323	GUDAPUREDDY LAKSHMI UNNATHI	
16	16241A0326	JADAV ABHISHEK	
17	16241A0329	K S ABHISHEK	
18	16241A0330	KANDULA BHANU PRAKASH	
19	16241A0331	KANNAM AISHWARYA	
20	16241A0333	KESARI NEERAJA	
21	16241A0334	KILARU CHANDRA SEKHAR	
22	16241A0336	M BHARAT SAI KUMAR RAJU	
23	16241A0337	M PRAMOD	
24	16241A0339	MARAKA CHANDU PRASAD YADAV	
25	16241A0341	MEDARIBOINA SURYA	
26	16241A0342	MEDIPALLY SAMAIKHYA	
27	16241A0344	MUNNAGI VAMSI	
28	16241A0346	NENAVATH VINOD KUMAR	
29	16241A0347	P N VENKATA KRISHNA CHAITANYAA	
30	16241A0348	PAIDIPALLI ROHITH	
31	16241A0349	PENDLI SRI CHARAN	
32	16241A0350	PRITHVI RAJ JULOORI	
33	16241A0351	S M WAJIHULLA QUADRI	
34	16241A0352	S SUMANTH	
35	16241A0353	SAI TEJASWINI T	
36	16241A0356	SHIVARATHRI NAVEEN KUMAR	
37	16241A0358	SYKAM BHARATH	
38	16241A0359	T SASHANK	
39	16241A0361	AKBAR AHSAN	
40	16241A0362	AKHIL MOHAN DAS	
41	16241A0363	AKI RUTHWIK	
42	16241A0364	ANANDA MITHRA GOSALA	
43	16241A0365	ANATHULA VARSHA	
44	16241A0366	BAIRI SAI CHANDRA	
45	16241A0367	BANDI AMITH KUMAR	
46	16241A0370	BUSSANI MONIKA	

47	16241A0371	C VENKAT LALITH	Lalith
48	16241A0373	CHILUKURI NAGA VAMSI	Naga Vamsi
49	16241A0374	CHIMMULA HEMANTH REDDY	Hemant
50	16241A0375	CHITIMILLA SRIKAR	Srikar
51	16241A0377	GADDAM RAJENDER	Rajender
52	16241A0378	GAYAM SREENIVAS REDDY	Sreenivas
53	16241A0379	GEDELA RAM GOPAL PRANAY	Ram Gopal
54	16241A0380	GEEJULA ADITYA ANURAH	Aditya
55	16241A0381	GUDISE ALEKYA	Alekya
56	16241A0382	GUGULOTHU PALLAVI	Pallavi
57	16241A0384	J GNYANESHWAR	Gnyaneshwar
58	16241A0386	K JITHENDRA KUMAR	Jithendra
59	16241A0388	K SESHU VENKAT PHANINDRA	Phani
60	16241A0389	K V NAGASAI HIMAKAR	Himakar
61	16241A0390	KANAKATLA VAMSHI KRISHNA	Vamsi Krishna
62	16241A0391	KATRAVATHRAJESH RATHOD	Katrath
63	16241A0392	KODISHALA SIDDHARTH	Siddharth
64	16241A0393	KOLLA PRAKYATH	Prakya
65	16241A0394	KOMMU MONISHA SELINA	Monisha
66	16241A0395	KONDAMURU VENKATA SAI LOKESH	Kondamuru
67	16241A0396	KOPPULA SHIVANI	Shivani
68	16241A03A0	MERIGA PRANATHI	Pranathi
69	16241A03A1	MUNDRATHI LASYA	Lasya
70	16241A03A2	N LIMBA REDDY	N Limba
71	16241A03A3	N SAI CHAITANYA PAVAN KUMAR	Pavan Kumar
72	16241A03A4	NARUM SNIGDHA	Snigdha
73	16241A03A5	NUNNA VENKATA DHARMA TEJA	Dharma Teja
74	16241A03A6	PADALA ANVESH KUMAR	Anvesh Kumar
75	16241A03A7	PAVANA ANIL THEKKUT	Anil
76	16241A03A8	PERALA NISHANTH	Nishanth
77	16241A03B0	PURAM YOGESH KUMAR	Yogesh Kumar
78	16241A03B1	S SIDDHARTHA	Siddhartha
79	16241A03B2	SAI DILIP KUMAR REDDY NAGAM	Sai Dilip
80	16241A03B4	SATHRI PRAHARSHA	Praharsa
81	16241A03B6	T DURGA SAI SASHANK REDDY	Sai Sashank
82	16241A03B7	V SAIVAISHNAV	Saivaishnav
83	16241A03B8	VARLA BHARTH	Bharth
84	16241A03B9	YEDIDA SAI BALU	Sai Balu
85	16241A03C0	YEDLA SYAM PRASAD	Syam Prasad
86	17245A0301	SERI SAMPATH REDDY	Sampath Reddy
87	17245A0302	THIRUTHOP SAMPATH	Sampath
88	17245A0303	KONDAM RAJASHEKAR REDDY	Rajashekar
89	17245A0306	KAMMARI HARI KRISHNA	Hari Krishna
90	17245A0307	CHEMMALA KRISHNAVAMSHI	Krishnavamshi
91	17245A0309	SRI LATHA RAPANI	Latha
92	17245A0310	GADDAM MADHURI	Madhuri
93	17245A0311	GARLAPATI USHA SREE	Usha Sree
94	17245A0312	KATRAVATH PREETHI	Preethi
95	17245A0313	NARSINGH HONEY	Narsingh
96	17245A0314	CHILARI NAVEEN	Naveen
97	17245A0316	MANGALI VAMSHIKRISHNA	Mangali
98	17245A0317	MOHAMMED M RABBANI PASHA	Mohammed
99	17245A0318	SHRAVAN KANTHI	Shravan
100	17245A0320	MALLEPALLI PAVAN	Pavan
101	17245A0321	NAGELLI PHILIP	Nagelli
102	17245A0324	SHRUTHI KAMMARI	Shruthi

S. Ravi Sekhar
12/11/19
(S. RAVI SEKHAR)

12/10/19
HOD/ME

Head of the Department
Mechanical Engineering
GOKULAKRISHNA RANGA
Institute of Engineering and
Technology, Hyderabad-500084

Name III B.Tech (mech) Roll No

Phone No

Sign


1) K.V.N.S. Himakar	16241A0389	9963630473	
2) N. Limba Reddy	16241A03A2	9866290260	
3) V. Sai vaishnav	16241A03B7	9182347719	
4) J. Shantappa	16241A0385	8919308739	
5) CH. Naveen	17245A0314	9182475165	
6) Y. Sai Balu	16241A03B9	9533319376	
7) N. Sai Chaitanya	16241A03A3	8885210189	
8) D.N.L. Kalyan	16241A0376	7382681160	Kalyan
9) S. Praharsha	16241A03B4	6281932185	Praharsha
10) M. Vamsi Krishna	17245A0316	9491144523	
11) N.V Dharmateja	16241A03A5	9133335234	
12) S.S.P. P. Yogesh	16241A03B0	9963092356	yogesh
13) Sai Shivan	16241A03B3	8374284163	
14) CH. Akhila	16241A0372	9701973545	Akhila
15) Lasya.M	16241A03A1	8247431903	Lasya
16) Sruya Vyshnavi.Ch	16241A03B5	7997176352	Sruya
17) M. Pranathi	16241A03A0	79955151605	Pranathi
18) G. Alekya	16241A0381	7702039700	Alekya
19) M. Rekha	16241A0398	80742707059	Rekha
20) K. Shivani	16241A0396	8464088815	Shivani




Gokaraju Rangaraju Institute of Engineering and Technology

Mechanical Engineering -Industry Visit

Sl No	Year	Industry Visit	Date of Visit	No of Students /Faculty
1	M Tech DFM and TE I yr	ARCI, Hyderabad	09/02/2018	30
2	3 rd B.Tech /MTech (DFM /TE)	BHEL, Hyderabad	28/8/2017	120
3	3 rd B.Tech /MTech (DFM and TE)	Hyderabad Dies and Moulds Balanagar, Hyderabad	22/7/ 2017	90
4	Faculty	Tecumseh Products India Pvt Ltd and Usha International Ltd, Balanagar	21/7/2017	5
5	3 rd B.Tech	BHEL, Hyderabad	28/10/2016	60
6	3 rd B.Tech	Flowell Pumps at IDA Balanagar and Veeraa Casting, Secunderabad	26/9/2016	60
7	M Tech DFM and TE III yr	NFC, Hyderabad	14 and 15 Oct 2015	120


HOD/ME


Dr. N. Sateesh
Prof. Mech.

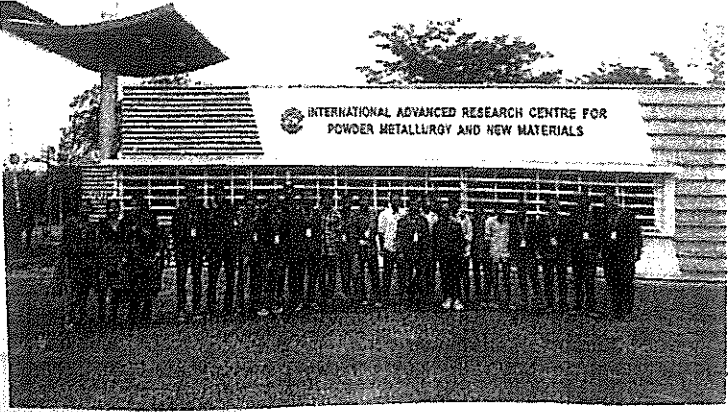



Gokaraju Rangaraju Institute of Engineering and Technology


EVENT SUMMARY REPORT

Nature of the Event (Workshop / FDP / Seminar / Guest Lecture / Talk GD/ Training Program / Quiz / Presentation)	Presentation in the premises of industry
Title / Theme of the Event	Industrial Visit
Details of the Coordinator	Ravi Kumar K, Asst Prof Dept of Mechanical Engineering, GRIET
Date on which Event is held	09.01.2019
Details of the Speaker / Guest	
Name	1. Dr. Malobika Karanjai 2. Dr. Ravi Nathuram Bathe
Organization	ARCI (International Advanced Research Center for Powder Metallurgy and New Materials)



Target Audience (Teaching Faculty / Non-Teaching Faculty / Students)	M.Tech (DFM & TE) I Year Students
Summary of the Event	<p>Three research centers have been visited namely</p> <ol style="list-style-type: none"> 1. Centre for Nano materials 2. Centre for engineered coatings 3. Centre for Laser Processing of Materials <p>All the students learned and have seen centers about respective research areas explicitly and got enriched with new technologies in the area of new materials</p>
POs attained with this Event (number and description)	<p>f. Ability to understand the impact of Engineering solutions in a global, economic and societal context.</p> <p>g. Ability to understand the effect of Mechanical Engineering solutions on environment and to demonstrate the need for sustainable development.</p> <p>h. Ability to understand professional and ethical responsibility.</p> <p>i. Ability to recognize the need for and an ability to engage life-long learning.</p>
Photographs of the event (Hard copy and Soft copy)	


 Ravi Kumar K (Asst Prof)
 (Signature of Coordinator)


 Signature of HOD



Report on Industrial Visit

To: International Advanced Research Centre for Power metallurgy and New Materials (ARCI)

Date: 09/01/2019

By: GRIET Mech-M Tech DFM and TE students

About ARCI:

International Advanced Research Centre for Powder Metallurgy and New Materials (ARCI) established in the year 1997, is an Autonomous Research and Development Centre of Department of Science and Technology (DST), Government of India with main campus at Hyderabad spread about 95 acres of land and with operations in Chennai and Gurgaon.

ARCI's mandate is

Development of High Performance Materials and Processes for Niche Markets

Demonstration of Technologies at Prototype / pilot scale

Transfer of Technology to Indian Industry

The activities are pursued through 11 Research Centres, with main focus on development of nationally unique technologies and application oriented programmes. Synonymous to its name, ARCI is also open to collaborate with Indian and foreign laboratories, universities and industries for successful achievement of its goals.

ARCI has successfully transferred 15 technologies to 27 receivers and few other technologies are

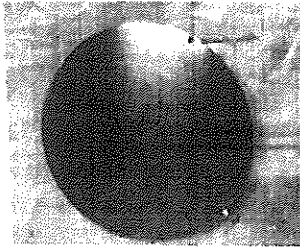
1. Visited Centre for Nano Materials

The Centre for Nanomaterials was established with a mandate to develop technologies for large-scale production of nanopowders and also to explore their utilization for applications which cater to either a large Indian market or a market unique to India. The Centre has made substantial progress not only in establishing a vast array of synthesis, processing and characterization facilities, but also in application development in the areas of nanosilver for drinking water disinfection and antibacterial textiles, nano-ZnO for electrical varistors, nano-titania for self-cleaning textiles, aerogels for thermal insulation applications, photocatalytic splitting of water for hydrogen generation, Nano-sheets of WS_2 for solid-lubricant applications, electrospun polymer nano-fibers for high performance filtration applications, oxide dispersion strengthened steels for high temperature applications and Fe-based Cerametallic Friction Material Composites for clutch buttons. Both the nanosilver-based water filter and textile technologies have been successfully transferred to Indian industries and a few are in pipeline. Recently, the Centre has received financial assistance from Nanomission, DST, for a major project "Thematic Unit of Excellence on Nanomaterials based Technologies for Automotive Applications". While two Centres of ARCI are involved in this project work, the role of Centre for Nanomaterials is mainly to develop large scale

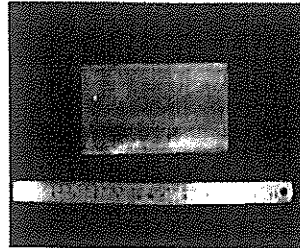


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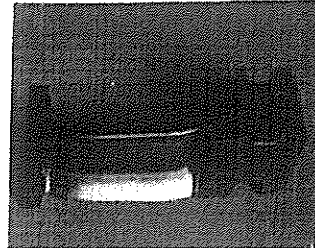
electric vehicles and to develop Al-graphene/CNT composites for light weight and high strength components.



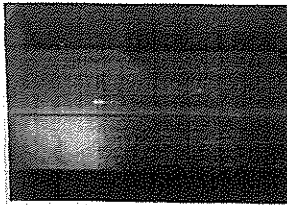
Tungsten based sheets by spark plasma sintering



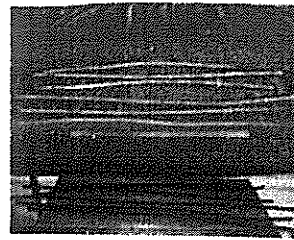
Oxide dispersion strengthened steel plate for fusion reactors



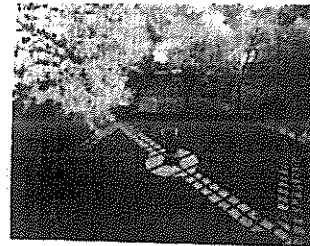
Oxide dispersion strengthened steel blade for steam turbines



Oxide dispersion strengthened steel clad tubes for fast breeder reactor



Oxide dispersion strengthened steel rods



2. Visited Centre Laser Processing of Materials:

The Centre for Laser Processing of Materials (CLPM) works towards development and promotion of laser-based manufacturing solutions for the Indian industry through:

- Application oriented R&D towards demonstrating feasibility of laser processing route for specific industrial applications
- Research towards better scientific understanding of various processes; and
- Job works of specialized nature

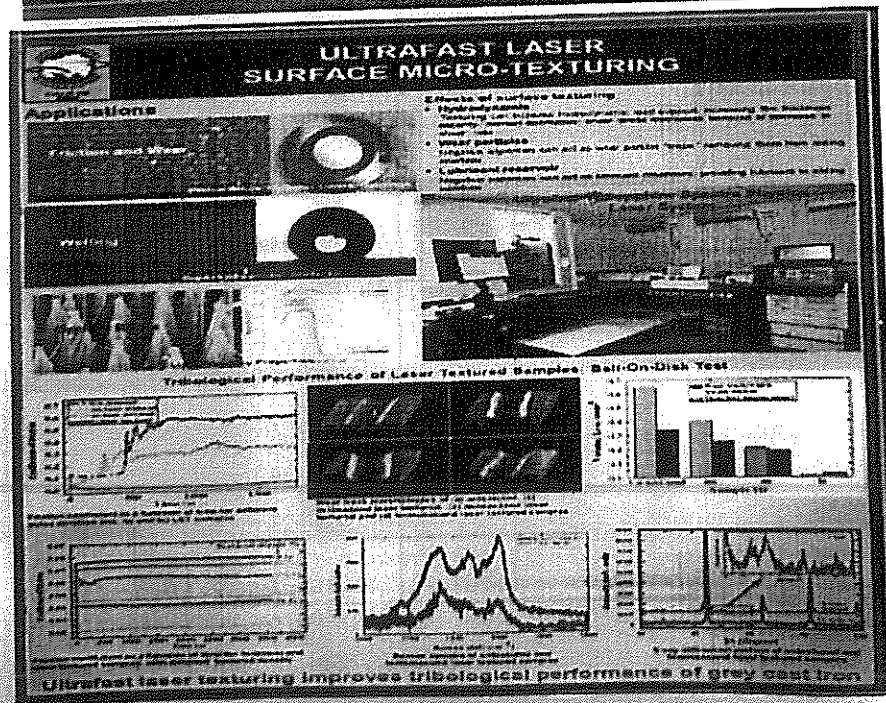
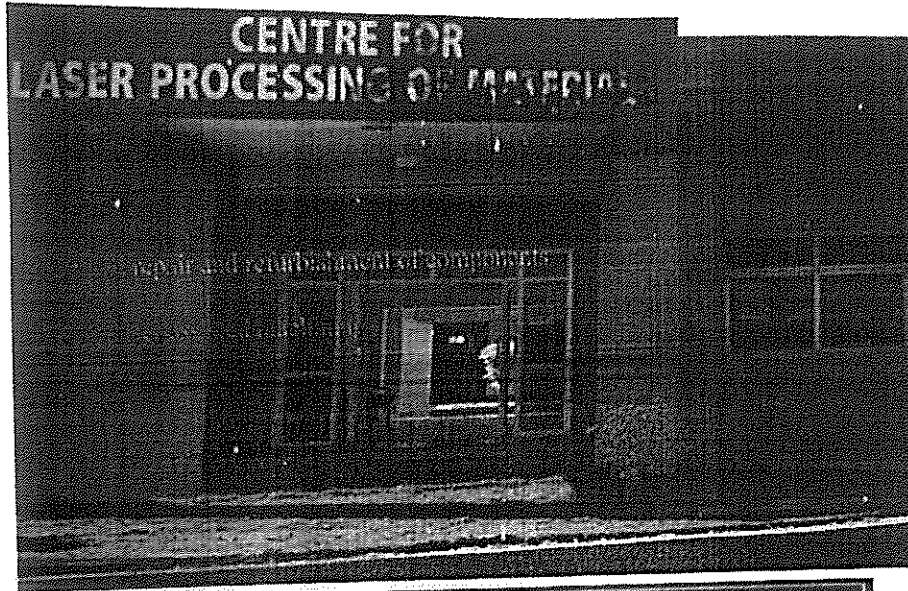
In the areas of

Laser surface engineering (hardening, cladding, alloying, texturing)

- Laser welding and brazing (including laser-arc hybrid)
- Micro processing (surface texturing, drilling, scribing)

Laser based repair and refurbishment of components

Laser and laser assisted machining



3. Visited Centre Engineering Coatings:

As far as the field of surface modification technologies are concerned, India has matured significantly in recent years. The conspicuous upward trend in the adoption of surface modification technologies by the Indian industry has also been catalysed by several initiatives taken by the Government of India's Department of Science & Technology (DST). ARCI scientists have played a prominent role in piloting these initiatives and the organization has consistently tried to identify coating technologies of national relevance and consciously pursue those that are unavailable elsewhere in the country.

Over the years, ARCI has successfully projected itself as a leader in the field of surface modification. ARCI's Centre for Engineered Coatings (CEC) has been engaged in developing a wide spectrum of appropriate surface modification technologies to assist the Indian industry in meeting the challenge of enhancing the durability and performance of components operating in adverse environments. The efforts of CEC have focused on eventually transferring relevant technologies to private entrepreneurs in a cost-effective manner.

Several coating technologies are being simultaneously pursued by the Centre for Engineered Coatings in an effort to offer a range of quality and cost to the potential user industries. Some of these have matured and already successfully transferred to the industry while yet other exciting technologies are presently on the anvil.

Some of the major coating technologies established at CEC:

Detonation spray coating

Electron beam physical vapour deposition

Cathodic arc physical vapour deposition

Pulsed electro-deposition coatings

Solution precursor plasma spray coating

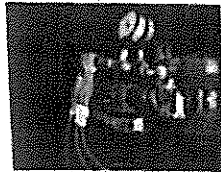
Cold spray coating

Micro arc oxidation

Magnetron sputtering system

SOLUTION PRECURSOR PLASMA SPRAY (SPPS)

A rapid method to produce functional oxide ceramic coatings from molecularly mixed precursor liquids fed into a high temperature plasma plume



SPPS arrangement



Schematic of SPPS



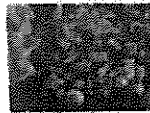
Schematic of hybrid APS-SPPS



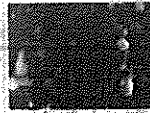
Deposition mechanism

PROCESS DETAILS

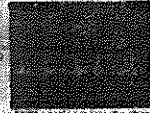
- Process involves injection of ceramic salt solution directly into DC plasma plume
- Solid particles form as a result of solvent evaporation and solute precipitation at downstream of plasma plume, and are rapidly accelerated to the substrate to form spot deposits
- SPPS produces fine structured ceramic spots with nano to sub-micron features and can be simultaneously deposited with conventional powder feedstock to form nanocomposite coatings



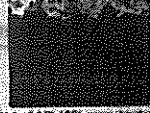
In situ formed particles



Splats after impact



SPPS coating microstructure



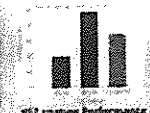
Hybrid APS-SPPS microstructure

FEATURES OF SPPS TECHNIQUE

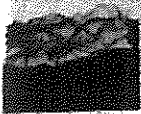
- ability to create nanostructured microstructures without any feeding problems normally associated with powder systems
- flexible, rapid exploration of novel precursor compositions with and without powder combinations
- consumption of expensive powder feedstock preparation steps
- better control over chemistry of the deposit



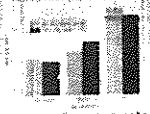
LP turbine blade



VSE coating performance



Graphene deposits



Wear rate of nanocomposite Mo alloy + TiZr coating

Coating	Typical applications
Al ₂ O ₃ , Y ₂ O ₃	TBC
Phase pure α-Al ₂ O ₃	Insulating coating
ZnO, ZnFe ₂ O ₄ , TiO ₂ , Fe ₂ O ₃ , SrFeO ₃	Photo catalysis
TiO ₂ , SnO ₂	Solar cells
La _{0.7} Bi _{0.3} NiO ₃ , Fe ₂ O ₃	SOFC
LiMnO ₂ , LiFePO ₄ , LiNi _{0.5} Mn _{0.5} O ₂ , CuO	Li-ion battery electrodes
La ₂ O ₃ , CeO ₂ , Y ₂ O ₃ , SrO/Sr ₂ O ₃ , ZrO ₂	REO TBCs
CaO/MgO	Solid lubricant
Nickel/Al ₂ O ₃ /ZnO	SPC/TBCs
Al ₂ O ₃ , TiO ₂ , Ag, ZnO	Solar absorption
ZnO/CuO/Al ₂ O ₃	Fuel cells
Graphene with and without dopants	Solar cells, energy storage
Hybrid metal/oxide + nano ceramic composite combinations eg: Mo alloy + n-ZrO ₂ + Al ₂ O ₃ + SiO ₂	Wear resistance, thermal barrier etc

1882



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Gokaraju Rangaraju Institute of Engineering & Technology

Industrial Visit at International Advanced Research Centre for Powder Metallurgy and New Materials, Hyderabad

Dept: Mechanical Engineering

Date:09-01-2019

Roll No	Name of the student	Signature
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17241D5216	P Sachin	
18241D5201	Aki Hemanth	
18241D5202	Bhukya Venkatesh Naik	
18241D5203	Challa Sharath Chandra	
18241D5204	Dappu Deepika	
18241D5205	Gandla Lakshmi Prasanna	
18241D5206	Kale Anusha	
18241D5207	Kalemula Sai Kiran	
18241D5208	Kalluri Nagachary	
18241D5209	Kambhoji Shashidhar	
18241D5210	Kumkuma Raj Kiran	
18241D5211	Manne Vamshi	
18241D5212	Marelli Divya	
18241D5213	Pendem Srikar	
18241D5214	Sriram Prashanth	
18241D5215	Ch Pradip Kumar	
17241D2101	ADDAGATLA KALYAN KUMAR	
17241D2102	AJAY KUMAR BUSI	
17241D2103	ALTHATI SRIPAD	
17241D2105	CHILUKURI RAMESH	
17241D2108	GUDIPUDI KARTHIK	
17241D2110	M PRAVEEN KUMAR	
17241D2112	MOHAMMED SOHAIL	
17241D2113	MOHD ABDUL RAHEEM	
17241D2116	KEZIYA RANI PATRI	
17241D2117	PURBASHA BHADRA	
17241D2119	SHIVARATHRI SAI KRISHNA	
17241D2121	BUYANKAAR UDAYKIRAN	
17241D2122	CHANGARAPU NAVANEETH	