

**CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY**

**DEPARTMENT OF MECHANICAL ENGINEERING**

**1.3.4 INTERNSHIPS, PROJECTS**

**AND**

**COMMUNITY ENGAGEMENT PROOFS**

**ACADEMIC YEAR 2021-22**

# CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY

## DEPARTMENT OF MECHANICAL ENGINEERING

### 1.3.4 INTERNSHIPS, PROJECTS AND COMMUNITY ENGAGEMENT PROOFS

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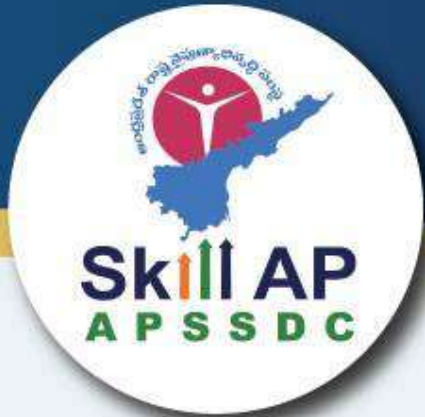
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# CERTIFICATE OF INTERNSHIP

THIS IS TO CERTIFY THAT

**Nagavarun Samala**

has Susscessfully Completed **30 DAYS ELECTRIC VEHICLE DESIGN MASTERCLASS**

Organized by ANDHRAPRADESH STATE SKILL DEVELOPEMENT CORPORATION

in Association with PANTECH E LEARNING PVT LTD, CHENNAI

DATE: 31/10/2021



M.Malayappan  
Director  
Pantech e Learning



Dr.Ravi Gujjala  
Chief General Manager (Technical)  
APSSDC



Prof.Rama Koti Reddy  
Executive Director  
APSSDC



N.Bangara Raju  
Managing Director  
APSSDC



Date: 06/04/2022

REGD NO: 97588

**INTERNSHIP CERTIFICATE**

This is to certify that **Mr. THALLA RAKESH, S/O Mr. T SADANANDAM** from Chaitanya Bharathi institute of technology, has started training Under internship program at **3D CAD SOLUTIONS** from 18<sup>TH</sup> MARCH 2022. He is working as a **“CATIA TRAINEE”** and Will be reporting directly to CATIA team lead.

For this position, the major duties include Product design and development. The internship shall be approximately 20 hours per week and will conclude by 18<sup>TH</sup> MAY 2022.

We wish him the best for his tenure at **3D CAD SOLUTIONS**.

Name: SUNIL VADIPILLA

Title: CEO

Signature



#218, 2<sup>nd</sup> Floor, Annapurna Block, Near Mythrivanam, Aditya Enclave, Ameerpet, Hyd-38.

Email: 3dcadsol@gmail.com.



18/05/2022

**TO WHOM SO EVER IT MAY CONCERN**

This is to inform that Mr. Naveen Vipparthi S/o. Venkatesh Vipparthi bearing Passport No. V7394333 from M/s.CBIT college of Engineering completed his internship awareness Programme in Oil and Gas facilities.

During this Programme Mr. Naveen Vipparthi shown outstanding performance and enthusiasm with his learning objectives on scheduled Programme from 17/04/2022 to 16/05/2022.

In this regards, management would like to take this opportunity to wish him very great success in his future endeavors.

Good Luck,

Regards,



Lakshmi Narasaiah U  
General Manager  
UOGE International General Trading & Contracting Co.

Copy: File



DHL SUPPLY CHAIN INDIA PVT. LTD.

702, 7th Floor  
Tower B, 247 Park  
LBS Road, Vikhroli (West)  
Mumbai - 400 083, Maharashtra, India  
Tel : +91 22 61362000  
Fax : +91 22 61362090  
www.dhl.co.in  
CIN : U74120MH2013PTC242240  
E-mail id : dhlsupplychain@dhl.com

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that **Ms. Munukuntla Hrithika Goud** was working in our organization from **1<sup>st</sup> March 2022 to 15<sup>th</sup> April 2022** under DHL Interns' Program. At the time of leaving the organization, her designation was **Operations Intern**.

We wish her success in all her future endeavours.

**For DHL Supply Chain India Pvt. Ltd,**

**Beena Jacob**  
**Senior Director - Human Resources**  
**DSC**

24<sup>th</sup> April 2022



DHL SUPPLY CHAIN INDIA PVT. LTD.

702, 7th Floor  
Tower B, 247 Park  
LBS Road, Vikhroli (West)  
Mumbai - 400 083, Maharashtra, India  
Tel. : +91 22 61362000  
Fax : +91 22 61362090  
www.dhl.co.in  
CIN : U74120MH2013PTC242240  
E-mail id : dhlsupplychain@dhl.com

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that **Ms. Puli Pavitra** was working in our organization from **1<sup>st</sup> March 2022 to 15<sup>th</sup> April 2022** under DHL Interns' Program. At the time of leaving the organization, her designation was **Operations Intern**.

We wish her success in all her future endeavours.

**For DHL Supply Chain India Pvt. Ltd,**

A handwritten signature in blue ink, reading 'Beena Jacob', is written over a horizontal line. The signature is cursive and fluid.

**Beena Jacob**  
**Senior Director - Human Resources**  
**DSC**

24<sup>th</sup> April 2022



Date: 21.03.2022

**Ms. Medikonda Yamini,**  
H.N: 16-7-167/2,  
Madhuranagar Colony Road No: 12,  
Khammam Urban Sai Baba Temple Road,  
Khanapuram Haveli Rural,  
Telangana – 507002

**Dear Ms. Medikonda Yamini,**

Adverting to the interview and discussions we had with you, we are pleased to inform you that you have been selected as an **Intern** in our Organization you will be on a probation period. After the completion of the engineering studies and on submission of relevant proofs of graduation certificates, you will be considered as a **Graduate Engineer Trainee (GET)**.

You will be rendering services at our Plant Office, located at **Jadcherla**, on the following mutually agreed terms & conditions;

- It is understood that you have joined us today i.e. 21.03.2022.
- The tenure of your training initially will be for Twelve Months from the date of your joining i.e. 21.03.2022. Unless otherwise extension if any, is granted by us in writing.
- During the period of Internship, you shall be paid an amount of Rs. 14,000/- per month [Rupees Fourteen Thousand per month] as a stipend. After your appointment, you shall be paid compensation as detailed in **Annexure-1**.
- You will report to the **AGM – EV Manufacturing Plant Operations** or any person nominated by the management and will be taking up periodical assignments from him.
- Your services are governed by the Service Conditions, Rules and Regulations, as applicable to your cadre of the Company.
- The services rendered under this letter are terminable by 30 days' notice, at the sole discretion of the management.
- At the sole discretion of the management, you shall also be rendering services on such other new assignments and designations at the appropriate time under such mutually agreed terms & conditions.
- You are liable to be posted or transferred / attached to any of our associate companies or to any of the offices / subsidiaries / units associate offices of the company to any town or city in India or abroad, at the sole discretion of the management.



*M. Yamini*

KETO Motors Private Limited.

Electric Mobility

**Registered Office**  
9-1-83 & 84, Amarchand Sharma  
Complex, S.D. Road Secunderabad  
Telangana, India. 500003.

**Corporate Office**  
5<sup>th</sup> Floor, Block - II, My Home Hub, Hitec  
City, Madhapur, Hyderabad, Telangana,  
India. 500081.

**Plant**  
Plot No. L19 to L28, TSIC Green Industrial  
Park, Jadcherla, Mahabubnagar (Dist),  
Telangana, India. 509302.

**TO WHOMSOEVER IT MAY CONCERN**

**INTERNSHIP LETTER**

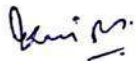
This is to certify that **Mr. Medam ChinniKalyan** has interned with our Company, **BizAcuity Solutions Pvt. Ltd.** from **4<sup>th</sup> March 2022** to **30<sup>th</sup> June 2022** as a **Software Developer Intern**.

During the internship he has undergone the training on SQL, Tableau, Linux, AWS, ETL , Java , Scala and Excel.

During his tenure with us, he was able to handle major responsibilities and was found to be a hardworking and dedicated individual who exhibited a quest for learning and a flair for problem solving.

We at **BizAcuity**, are satisfied with his work and wish him all the very best for all his future endeavors.

Sincerely,



**Prachi Kulkarni**  
**HR Manager**



**BizAcuity Solutions Pvt. Ltd.**



Date: 18<sup>th</sup> May 2022.

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that **Mr. Gopisainath M**, from Chaitanya Bharathi Institute of Technology, has successfully completed three months internship from **14<sup>st</sup> February 2022 to 14<sup>st</sup> May 2022**, at **H-BOTS ROBOTICS Pvt. Ltd.** As part of his internship, he has done a study on **"Design and Automation of Autonomous Mobile Robots"**.

During his tenure with us, we found him extremely inquisitive, hardworking, sincere, and result-oriented. He was very much interested to learn the functions of our core division and also willing to put his best efforts and get into the depth of the subject to understand it better.

We wish him all the best in his future endeavors.

Sincerely,

*P.S. V. Kishan*  


Kisshhan PSV  
CEO  
H-BOTS ROBOTICS PVT LTD

Dear Jaya Sai Sashank Neelamraju,

We're glad to inform that you have successfully completed the Internship program.

Below provided is the Overall training summary & performance for reference



#### Technical

Cohort Code	INTQEA22QE067
Technology	Quality Engineering with Selenium & Java
Continuous Learning Score	100
AssesType1 Score	89.66666666666671
AssesType2 Score	88
Business Aligned Project Score	78.33333333333329
Business Feedback Score	100
SME Evaluation	Successfully Cleared
Performance Health Score	86.70000000000003
Performance RAG Status	Green

#### Professional development

Industry standard English language assessment	Intermediate
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**Note:** Based on the results of a successful SME evaluation & an industry standard English language assessment, your internship has been certified.

### Instructions on next steps:

- Weekly hotline call will be planned for all the interns who are graduated, request you to join at least one call to know more about the onboarding process, required documents for joining and get your queries clarified.
- Based on your performance during Internship and the business demand, your onboarding as full-time employee will be prioritized.

We wish you the best towards your successful Engineering graduation and we look forward to your joining Cognizant!

© 2022 Cognizant. All rights reserved.



Date: 23<sup>rd</sup> May 2022.

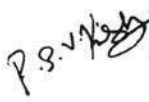

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that **Mr. Nigamananda Janjanam**, from Chaitanya Bharathi Institute of Technology, has successfully completed two months internship from **21<sup>st</sup> March 2022** to **21<sup>st</sup> May 2022**, at **H-BOTS ROBOTICS Pvt. Ltd.** As part of his internship, he has done a study on "**Design and Manufacturing of Autonomous Mobile Robots**".

During his tenure with us, we found him extremely inquisitive, hardworking, sincere, and result-oriented. He was very much interested to learn the functions of our core division and also willing to put his best efforts and get into the depth of the subject to understand it better.

We wish him all the best in his future endeavors.

Sincerely,

Kisshhan PSV  
CEO  
H-BOTS ROBOTICS PVT LTD

160118736026

Dear Candidate,

Greetings from Cognizant !

Mech F1

We observe that you are an Intern with us and have completed your Internship training and are yet to receive further updates regarding your Date of Joining as an FTE in Cognizant.

This email is to update you with a few key pointers with regard to your internship completion and the next steps with Cognizant.

1. Your Internship would be certified as successful only after you complete the Technical Evaluation with an identified subject matter expert.
2. You will be intimated about the schedule of the same through your coach. Kindly prepare thoroughly for this session on all topics that you have gone through as part of your Internship.
3. **If you perform below the expectations in the evaluation,**
  - a. you will be put through remedial and additional training to help you better your skills. **The remedial training would be for 2-3 weeks followed by a re-evaluation.**
  - b. **During the remedial / additional training period for 2-3 weeks there would not be any stipend payment.** You must use this period completely to improve your skills and perform better in the re-evaluation.
  - c. **If your performance is still below the benchmarks in the re-evaluation,** your Internship will be terminated and your FTE offer rollout and onboarding would be stopped. If you already have the offer from Cognizant then it would be cancelled. While your Internship would get over at this stage **you will only receive the Internship Participation Letter.**
  - d. **If you pass the re-evaluation ,** your Internship would be certified as completed and you will be lined up for your FTE onboarding as per Cognizant onboarding process

Regards,  
Human Resources – Cognizant

Ref. No. 50612

## Internship Certificate

This is to clarify that **Mr. Rohan Yalamanchili** from Chaitanya Bharathi Institute of Technology, Gandipet, successfully completed his internship of 2 months with Orange Auto Pvt. Ltd.

Internship: **Digital Marketing Creative Designer**

During his tenure, we found him very active and competent in executing all assigned works and services were found to be satisfactory.

We wish him great success in all of his future endeavours.

Date: May 16, 2022



**Battula Naveen Kumar**

HR, Orange Auto Pvt. Ltd

**SHOWROOM** : #8-3-164/2, Beside Gokul Theatre , Erragadda, Hyderabad - 500018  
**SHOWROOM** : SY No. 54, Vikrampuri Main road, Kharkhana, Secunderabad - 500015  
**SHOWROOM** : Pillar No. 92, Municipal Nos. 13-6-432/33 & 13-6 432/33/A,  
Gudimalkapur, Attapur, Hyderabad - 500028  
**SHOWROOM/** : Plot No. 1 & 10, Shree Enclave, Sy.No. 311, 312 & 313/B, Athwelly  
**WORKSHOP** Village, Medchal Mandal, R.R. Dist.  
**WORKSHOP** : Plot No.16, ABC, Mini Industrial Estates, Hafeezpet, Hyderabad - 500049



Date: 18<sup>th</sup> May 2022.

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that **Mr. Rohith Reddy Katta**, from Chaitanya Bharathi Institute of Technology, has successfully completed three months internship from **14<sup>st</sup> February 2022** to **14<sup>st</sup> May 2022**, at **H-BOTS ROBOTICS Pvt. Ltd.** As part of his internship, he has done a study on **“Design and Manufacturing of Autonomous Mobile Robots”**.

During his tenure with us, we found him extremely inquisitive, hardworking, sincere, and result-oriented. He was very much interested to learn the functions of our core division and also willing to put his best efforts and get into the depth of the subject to understand it better.

We wish him all the best in his future endeavors.

Sincerely,


Kisshhan PSV  
CEO  
H-BOTS ROBOTICS PVT LTD



Ref. No. 50614

## Internship Certificate

This is to clarify that **Mr. Sai Ganesh Gunda** from Chaitanya Bharathi Institute of Technology, Gandipet, successfully completed his internship of 2 months with Orange Auto Pvt. Ltd.

Internship: **Digital Marketing Creative Designer**

During his tenure, we found him very active and competent in executing all assigned works and services were found to be satisfactory.

We wish him great success in all of his future endeavours.

Date: May 16, 2022



**Battula Naveen Kumar**

HR, Orange Auto Pvt. Ltd

**SHOWROOM** : #8-3-164/2, Beside Gokul Theatre , Erragadda, Hyderabad - 500018  
**SHOWROOM** : SY No. 54, Vikrampuri Main road, Kharkhana, Secunderabad - 500015  
**SHOWROOM** : Pillar No. 92, Municipal Nos. 13-6-432/33 & 13-6 432/33/A,  
Gudimalkapur, Attapur, Hyderabad - 500028  
**SHOWROOM/** : Plot No. 1 & 10, Shree Enclave, Sy.No. 311, 312 & 313/B, Athwelly  
**WORKSHOP** : Village, Medchal Mandal, R.R. Dist.  
**WORKSHOP** : Plot No.16, ABC, Mini Industrial Estates, Hafeezpet, Hyderabad - 500049.

Building greater  
futures through  
innovation and  
collective knowledge

TCS Commitment



In it for good.



Bring everything.



Know-how.



Master the journey.



Building on belief

# Internship Certificate

## Sashreek Reddy Mallem

Course: B.E. in Mechanical Engineering

Institute: Chaitanya Bharati Institute of Technology (CBIT), Hyderabad

From **14-Feb-2022** to **30-Jun-2022**

Mentor Name: **Avishake Chatterjee**

Project: **Usage of SAP ERP In Digital Supply Chain Operations**

**Chandra Koduru**

Head – Academic Interface Programme

Ref. No. 50613

## Internship Certificate

This is to clarify that **Mr. Sumeet Mekala** from Chaitanya Bharathi Institute of Technology, Gandipet, successfully completed his internship of 2 months with Orange Auto Pvt. Ltd.

Internship: **Digital Marketing Creative Designer**

During his tenure, we found him very active and competent in executing all assigned works and services were found to be satisfactory.

We wish him great success in all of his future endeavours.

Date: May 16, 2022



Battula Naveen Kumar

HR, Orange Auto Pvt. Ltd

**SHOWROOM** : #8-3-164/2, Beside Gokul Theatre , Erragadda, Hyderabad - 500018  
**SHOWROOM** : SY No. 54, Vikrampuri Main road, Kharkhana, Secunderabad - 500015  
**SHOWROOM** : Pillar No. 92, Municipal Nos. 13-6-432/33 & 13-6 432/33/A, Gudimalkapur, Attapur, Hyderabad - 500028  
**SHOWROOM/WORKSHOP** : Plot No. 1 & 10, Shree Enclave, Sy.No. 311, 312 & 313/B, Athwelly Village, Medchal Mandal, R.R. Dist.  
**WORKSHOP** : Plot No.16, ABC, Mini Industrial Estates, Hafeezpet, Hyderabad - 500049.



Date: 21.03.2022

**Mr. Bonithi Umesh Chandra,**  
H.N: 2-2-24/3,  
Morangapally Mominpet,  
Morangapally,  
K.V. Rangareddy,  
Telangana – 501202.

**Dear Mr. Bonithi Umesh Chandra,**

Adverting to the interview and discussions we had with you, we are pleased to inform you that you have been selected as an **Intern** in our Organization you will be on a probation period. After the completion of the engineering studies and on submission of relevant proofs of graduation certificates, you will be considered as a **Graduate Engineer Trainee (GET)**.

You will be rendering services at our Plant Office, located at **Jadcherla**, on the following mutually agreed terms & conditions;

- It is understood that you have joined us today i.e. 21.03.2022.
- The tenure of your training initially will be for Twelve Months from the date of your joining i.e. 21.03.2022. Unless otherwise extension if any, is granted by us in writing.
- During the period of Internship, you shall be paid an amount of Rs. 14,000/- per month [Rupees Fourteen Thousand per month] as a stipend. After your appointment, you shall be paid compensation as detailed in **Annexure-1**.
- You will report to the **AGM – EV Manufacturing Plant Operations** or any person nominated by the management and will be taking up periodical assignments from him.
- Your services are governed by the Service Conditions, Rules and Regulations, as applicable to your cadre of the Company.
- The services rendered under this letter are terminable by 30 days' notice, at the sole discretion of the management.

At the sole discretion of the management, you shall also be rendering services on such other new assignments and designations at the appropriate time under such mutually agreed terms & conditions.

- You are liable to be posted or transferred / attached to any of our associate companies or to any of the offices / subsidiaries / units associate offices of the company to any town or city in India or abroad, at the sole discretion of the management.



B. Umesh

**KETO Motors Private Limited.**

**Electric Mobility**

**Registered Office**

9-1-83 & 84, Amarchand Sharma  
Complex, S.D. Road Secunderabad  
Telangana, India. 500003.

info@ketomotors.com

**Corporate Office**

5<sup>th</sup> Floor, Block - II, My Home Hub, Hitec  
City, Madhapur, Hyderabad, Telangana,  
India. 500081.

www.ketomotors.com

**Plant**



Plot No. L19 to L28, TSII Green Industrial  
Park, Jadcherla, Mahabubnagar (Dist),  
Telangana, India. 509302.

CIN: U74999TG2018PTC128723

- **SECURITY:** You shall not give, divulge or disclose anyone, by word of mouth, or in writing facsimile or through any device any particulars or details, which you gain access during the course of your employment of our working systems, technical knowhow, designs and drawings security arrangements, administrative and / or organizational matters etc., of our establishment and our clients, whether confidential or otherwise, either during your employment with company or thereafter. Any breach of this term, will attract legal remedy and recovery of damages, as assessed by the company.
- Please note that, the terms & conditions of your training as stipulated here-fore-to or to be intimated hereafter, are to be treated as strictly confidential and you should not divulge its contents to any employee of the company / person connected with the company.
- Please furnish us with copies of all credentials in support of your candidature including proof of your date of birth, qualification, 02 passport size photographs, a copy of your residential proof & photo identity card and a fitness certificate granted by any Medical Practitioner, qualified not lower than MBBS, together with 02 references with whom we may contact, for our records.
- All disputes arising out of your appointment with us, if not settled between ourselves are subject to the Courts of Hyderabad / Secunderabad only.

This letter is being issue to you in duplicate, a copy of which may please be signed and sent back to us in token of your unconditional acceptance.

For **KETO Motors Private Limited**

  
  
**Harinath Mallela**  
**AGM – Human Resource**

B. Umesh

Cc to: Accounts Department

**ANNEXURE - I TO APPOINTMENT OFFER DATED: 21.03.2022**

**KETO MOTORS PRIVATE LIMITED**

**Salary Structure of Mr. Bonithi Umesh Chandra.**

I	Fixed Gross	Monthly(Rs.)	Yearly(Rs.)
1	Basic	10,260	1,23,120
2	HRA	4,104	49,248
3	LTA	855	10,260
4	Special Allowances	1,881	22,572
	<b>Gross Salary</b>	<b>17,100</b>	<b>2,05,200</b>
II	Annual / Retiral benefits:		
1	Employer's share of Provident Fund	1,560	18,714
	Employer's share of ESI	556	6,672
2	Gratuity		5,919
3	Mediclaime & Personal Accident Insurance		3,500
	<b>Total CTC</b>		<b>2,40,005</b>

**Notes:**

- Retention Bonus of Rs. 48,000/- is paid after completion of 2yrs service bond in the organization.
- Income Tax, Professional Tax, Employee's Share of Provident Fund and any other applicable taxes will be deducted from the salary as per the applicable rates.
- You can claim your LTA tax exemption. LTA exemption is available for 2 journeys in a block of 4 years. The Current block is 2021-25"
- Above break up is tentative and may change as per company policy from time to time keeping CTC same



B. Umesh Ch.



తెలంగాణ తెలంగాణ TELANGANA

Sl. No: B8/4 Date: 01/02/2022  
Sold to San/Sri: G. Abraham  
S/o. D/o. Who: Yesupadam R/o. M.M. Dist  
For Whom: KETO Motors Pvt. Ltd

*T. Darbar Reddy*  
AN 629212

T. DARBAR REDDY  
LICENCED STAMP VENDOR  
Licence No: 15-11-006/2021  
H.No: 6-2-1/6, Vivek Nagar, Kukatpally  
Medchal-Malkajgiri Dist-500 072.  
Cell: 9989179907

### SERVICE AGREEMENT

This Service Agreement has been entered into by and between M/s. **KETO Motors Private Limited**, a Private Limited company registered under Indian Companies Act, 1956, having its Registered Office at Plot No 19-28, TSIIC Green Industrial Park, Rajapur Village, Jadcherla – 509302, Mahabubnagar Dist, Telangana, INDIA represented by its Managing Director hereinafter called the “Employer” which term shall mean and include its successors-in-office authorized representatives attorneys on the one part.

AND

**Mr. Bonithi Umesh Chandra**, H.N: 2-2-24/3, Morangapally Mominpet, Morangapally, K.V. Rangareddy, Telangana – 501202. India hereinafter referred to as “EMPLOYEE” which term shall mean and include his authorized representatives on the other part.



*B. Umesh*

Contd..

**Whereas** the Employer through its letter of appointment dated 21.03.2022 offered employment to the Employee stipulating various terms and condition for which the employee has unconditionally accepted and gained such employment with effect from 21.03.2022.

**And Whereas** one of the conditions for the said appointment letter is that the employee shall enter into a service agreement with the Employer subject to the following terms and conditions:

1. That the employee has accepted to continue in service for a minimum period of 2 years with the Employer from the date of his joining.
2. That the said period of 2 years shall not include the period of working days lost due to strike, lock out or other force majeure reasons with the Employer.
3. That the Employer has got the right to terminate the services of the employee during the said period of agreement without any notice, for any acts of inefficiency unsatisfactory work, laxity, willful disorderly behavior, adopting slow down tactics, indulging in any act of misconduct or turpitude instigating co-employees and intimidating in acts of misconduct, causing material/financial loss or damages and bringing disrepute to the employer by any such other acts of the employee or through him/her, for which no compensation is payable by the employer to the employee.
4. That in the event of the employee failing to serve the employer for the said minimum period of 2 years, the employee has to compensate the employer with a sum of **Rs.1,00,000/- (Rupees One Lakh only)** as estimated damages that would be caused to the employer by the employee by leaving employment prematurely.

The employee herein has agreed to provide a signed letter from surety who shall undertake to discharge any liability arising out of the non-compliance of the terms of this Service Agreement on the part of the employee.

5. That the employer has the option to pursue any remedy that is legally available, against the employee, and surety either jointly or severally for recovery of such damages or costs as estimated by the employer.

**Contd...**



B. Umesh



6. The conditions of employment of the employee with the employer contained in the letter of appointment issued to the employee, subject to any lateral modifications if any, shall remain binding on the employee.
7. All disputes arising out of understanding and implementing the terms of this agreement are subject to the jurisdiction of Hyderabad / Secunderabad Courts only.

In witness whereof, both the parties have this 21st day of March, 2022 signed this document at Hyderabad.

For **KETO Motors Private Limited**



**Harinath Mallela**  
AGM – Human Resource

**B. Umesh**  
Signature

**Witness:**

1.

2.



DHL SUPPLY CHAIN INDIA PVT. LTD.

702, 7th Floor  
Tower B, 247 Park  
LBS Road, Vikhroli (West)  
Mumbai - 400 083, Maharashtra, India  
Tel : +91 22 61362000  
Fax : +91 22 61362090  
www.dhl.co.in  
CIN : U74120MH2013PTC242240  
E-mail id : dhlsupplychain@dhl.com

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that **Ms. Mamidi Rani** was working in our organization from **1<sup>st</sup> March 2022 to 15<sup>th</sup> April 2022** under DHL Interns' Program. At the time of leaving the organization, her designation was **Operations Intern**.

We wish her success in all her future endeavours.

**For DHL Supply Chain India Pvt. Ltd,**

**Beena Jacob**  
**Senior Director - Human Resources**  
**DSC**

24<sup>th</sup> April 2022



DHL SUPPLY CHAIN INDIA PVT. LTD.

702, 7th Floor  
Tower B, 247 Park  
LBS Road, Vikhroli (West)  
Mumbai - 400 083, Maharashtra, India  
Tel : +91 22 61362000  
Fax : +91 22 61362090  
www.dhl.co.in  
CIN : U74120MH2013PTC242240  
E-mail id : dhlsupplychain@dhl.com

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that **Ms. Gontu Samhitha Reddy** was working in our organization from **1<sup>st</sup> March 2022 to 15<sup>th</sup> April 2022** under DHL Interns' Program. At the time of leaving the organization, her designation was **Operations Intern**.

We wish her success in all her future endeavours.

**For DHL Supply Chain India Pvt. Ltd,**

A handwritten signature in blue ink, which reads 'Beena Jacob'. The signature is written in a cursive, flowing style.

**Beena Jacob**  
**Senior Director - Human Resources**  
**DSC**

24<sup>th</sup> April 2022

**TO WHOMSOEVER IT MAY CONCERN**

**INTERNSHIP LETTER**

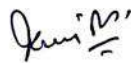
This is to certify that **Mr. Peguda Sree Nandini** has interned with our Company, **BizAcuity Solutions Pvt. Ltd.** from **4<sup>th</sup> March 2022 to 30<sup>th</sup> June 2022** as a **Software Developer Intern**.

During the internship She has undergone the training on SQL, Tableau, Linux, AWS, ETL and Excel.

During her tenure with us, She was able to handle major responsibilities and was found to be a hardworking and dedicated individual who exhibited a quest for learning and a flair for problem solving.

We at **BizAcuity**, are satisfied with her work and wish her all the very best for all her future endeavors.

Sincerely,



**Prachi Kulkarni**  
HR Manager





भारत डायनामिक्स लिमिटेड

**BHARAT DYNAMICS LIMITED**

(भारत सरकार का उद्यम A Govt. of India Enterprise)

रक्षा मंत्रालय Ministry of Defence

कंचनबाग Kanchanbagh :: हैदराबाद Hyderabad – 500058.

प्रणाली प्रौद्योगिकी तथा प्रबंधन संस्थान

**INSTITUTE OF SYSTEMS, TECHNOLOGY AND MANAGEMENT**



पंजीकरण संख्या Regd. No. 147

वर्ष Year 2022

Skill India  
कौशल भारत - कुशल भारत

क्र.सं. S.No. P-2021-109

**परियोजना प्रमाण-पत्र PROJECT CERTIFICATE**

सुश्री / श्री

Ms. / Mr. Anavindam Vijayender G

पुत्री / पुत्र श्रीमती एवं श्री

Daughter / Son of Smt. Gr. Sudha Rami Shri Gr. Vijayender Reddy

कॉलेज / संस्थान

College / Institute Chaitanya Bharathi Institute of Technology

विषय / क्षेत्र

Subject / Discipline Mechanical

वर्ष/सेमिस्टर

Year / Semester 4<sup>th</sup>/8<sup>th</sup>

परियोजना कार्य / प्रशिक्षण कार्य

has completed Project Work / Training on Manufacturing of an Engine Nose Cone on a CNC Turbine

Duration 1 month

Period from 14/03/2022 to 13/04/2022

के बीच पूर्ण किया है.

इस कार्य के दौरान इन्होंने अध्ययन में पर्याप्त रुचि दिखाई है.

He / She has shown keen interest in learning during the period of Project.

N. MALLIKARJUNA SWAMY  
प्रमुख (मा.सं.)  
Head (HR)  
22/04/2022

**NARASIMHAM**

उप महाप्रबंधक (प्रधान मा.सं.) के वी य  
Dy. General Manager (Head-HR) KBI



N. MALLIKARJUNA SWAMY  
22/04/2022

प्रभारी, परियोजना कार्य

Incharge, Project Works

एल मल्लिकार्जुन स्वामी

**N. MALLIKARJUNA SWAMY**

प्रबंधक (मा.सं.) शिक्षा प्रशिक्षण एवं विधि  
Manager (HR) APP TRG & LEGAL



# ONLINE

Aug 10, 2021

## Manas Jain

has successfully completed

### Customer Analytics

an online non-credit course authorized by University of Pennsylvania and offered through Coursera

Eric Bradlow, Peter Fader, Raghu Iyengar, and Ron Berman  
The Wharton School

## COURSE CERTIFICATE



Verify at [coursera.org/verify/RM5GN543MLF2](https://coursera.org/verify/RM5GN543MLF2)

Coursera has confirmed the identity of this individual and their participation in the course.

The online course named in this certificate may draw on material from courses taught on-campus, but it is not equivalent to an on-campus course. Participation in this online course does not constitute enrollment at the University of Pennsylvania. This certificate does not confer a University grade, course credit or degree, and it does not verify the identity of the learner.

April 5, 2022

## Internship Letter

This is to certify that **Mr. Syed Suhair Ahmed** has done internship with us as "**Business Development Executive**"

Details are given below:-

<b>Mr. Syed Suhair Ahmed</b>	suhair.ahd@gmail.com
Date of joining	April 7, 2021
Relieving date	May 30, 2021
Mobile	7093711950

We wish all the best in her future endeavors.



**Dr.SSN Raju**

**Head-HR**

**Mobile/WhatsApp: 9391101403**

**Email: ssnraju@confluenceedu.com**

**Confluence Educational Services Private Limited**  
**No:302, 3rd Floor, Sri Sai Goverdhan Kunj, SRNagar,**  
**Hyderabad, Telangana, India-500038**



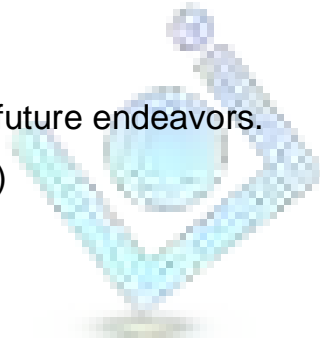
**Logging-In.com**

**CERTIFICATE OF INTERNSHIP**

This is to certify that **Mr. Venkata Koushik Bakkamunthala**, bearing roll no, **1601-18-736-107** and student of **B.Tech, Chaitanya Bharati Institute of Technology**, Hyderabad, has successfully completed his Internship Program in our company during the period from **01<sup>st</sup> of April 2022** to **30<sup>th</sup> of April 2022**.

During the period of Internship Program, he is found to be committed to the assignments & a task assigned and has shown a desire to learn and complete the tasks systematically.

We wish him all success in future endeavors.  
(For Pro Logging-In Limited)



Yours truly,

**HR Manager**  
**Sandeep Srivastav**

---

Pro Logging-In IT Pvt Ltd, 2nd Floor, Balaji Empire, Jayabheri Enclave, Gachibowli,  
Hyderabad-500032, Telangana



भारत सरकार  
अंतरिक्ष विभाग  
सतीश धवन अंतरिक्ष केंद्र शार  
श्रीहरिकोटा रेंज डा.घ. 524 124  
श्री पोद्दि श्रीरामुलु नेल्लूर जिला, आं.प्र., भारत  
दूरभाष : +91-8623 245060 (6 जं)  
फैक्स : +91-8623 222099



Government of India  
Department of Space  
Satish Dhawan Space Centre SHAR  
Shriharikota Range P.O. 524 124  
SPSR Nellore Dist., AP, India  
Telephone : +91-8623 245060 (6 Lines)  
Fax : +91-8623 222099

प्रबंधन प्रणाली क्षेत्र MANAGEMENT SYSTEMS AREA  
मानव संसाधन विकास प्रभाग HUMAN RESOURCE DEVELOPMENT DIVISION  
(Phone No. 08623 - 225047, Fax No - 225577)

No. HRDD/STU/I/PRJ2022011

Date: 01/04/2022

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that **Mr. ANNAPUREDDY YASHPAL KUMAR REDDY** (Roll. No. 1601-18-736-111) pursuing **B.E IV Year (Mechanical Engineering)** from **Chaitanya Bharathi Institute of Technology, Hyderabad** has undergone **Internship** training at **Solid Motor Performance & Environmental Test Facilities (SMP & ETF)** in **SDSC SHAR, Sriharikota** from **02/03/2022 to 01/04/2022**.

During the above period, his character and conduct were found to be **Very Good**.



(P. Gopi Krishna)  
Group Director, MSG  
पी. गोपी कृष्णा P. Gopi Krishna  
समूह निदेशक Group Director  
एमएसजी MSG  
एसडीएससी शार SDSC SHAR



Dear T Shiva Goud,

Greetings from Cognizant !

We would like to thank you for your participation in the Cognizant Internship Program 2022.

This is to acknowledge your Internship training completion with us between 1/25/2022 and 6/8/2022.

Hope the training has been effective in upskilling your capabilities.

Wishing you Good luck for your future endeavors.

Regards,

Human Resources - Cognizant



20th Jun 2022

### **PROJECT COMPLETION CERTIFICATE**

This is to certify that Mr Kukkadapu Prudhvi Raj Singh Trainee ID 40107009 student of “Chaitanya Bharathi Institute of Technology, Hyderabad” has completed the project entitled “JAVA/ J2EE” under the guidance of “Sureka Rajeshwari” from 21st Feb 2022 to 20th Jun 2022 at Hyderabad for the academic requirements of his graduation.

We have observed that your work was excellent and we appreciate your sincere learning. You have performed the project with energy and enthusiasm. This letter is issued based on your request.

We wish you all the very best in your career ahead!

Yours sincerely,  
For **Wipro Limited**,

A handwritten signature in black ink, appearing to read "Aparna Shailen", is written over a horizontal line.

**Aparna Shailen**  
General Manager - Human Resources

Registered Office:

**Wipro Limited** T : +91 (80) 2844 0011  
Doddakannelli F : +91 (80) 2844 0054  
Sarjapur Road E : info@wipro.com  
Bengaluru 560 035 W : wipro.com  
India C : L32102KA1945PLC020800



40107009



ITC Limited  
PAPERBOARDS & SPECIALTY PAPERS DIVISION  
Unit : Bhadrachalam  
Factory : SARAPAKA - 507 128,  
Bhadradi Kothagudem District. (TELANGANA), India.  
Fax No.: +91- 8746 - 242460  
Telephone : +91-8746 - 242331 - 40  
www.itcpspd.com


9<sup>th</sup> Sep 2021

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that **Ms. Veeram Reddy Bhavana** has undertaken Internship at our organization in Paper Machine VI Mechanical Department. During her Internship, she completed a project titled "**Bearings Consumption and Its Reduction**" from **23<sup>rd</sup> July 2021 to 7<sup>th</sup> August 2021**.

We wish her all the success in future endeavors.

For ITC Limited  
Paperboards & Specialty Papers Division

  
**M Srinivasa Rao**  
Human Resources



भारत हेवी इलेक्ट्रिकल्स लिमिटेड  
रामचंद्रापुरम, हैदराबाद  
मानव संसाधन विकास केंद्र



**BHARAT HEAVY ELECTRICALS LIMITED**

RAMACHANDRAPURAM, HYDERABAD-502032

Human Resource Development Centre

Ref No: 22ENG04322

Date: 27<sup>th</sup> MAY 2022

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that Mr./Ms./Mrs. CHANDRA EEPBITA JASTI  
\_\_\_\_\_ with college id no: 160119736003  
studying in CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY  
pursuing B.E/B.Tech/MBA in MECHANICAL ENGINEERING  
discipline had undergone project training from 4<sup>th</sup> MAY 2022  
to 18<sup>th</sup> MAY 2022. The title of the project as per our records is  
FUNDAMENTALS OF STEAM TURBINES

*Saikiran*

Project training in-charge

SAKIRAN REDDY MANDADI  
ज्य. प्रबंधक / मानव संसाधन विकास केंद्र  
Dr. Manager / HRDC

7/11, 11th Floor, BHEL, PESCO HYDRA



Govt. of India  
Ministry of Defence  
DEFENCE RESEARCH & DEV. ORGN.  
DEFENCE RESEARCH & DEV. LABORATORY  
PO: KANCHANBAGH  
HYDERABAD – 500 058  
Ph. 040-24583796 Fax No.040-24584587

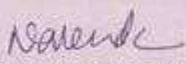
No. DRDL/DHRTM/HRD/INTERNSHIP/2022

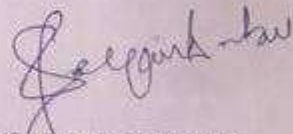
Date: 27<sup>th</sup> April 2022

### CERTIFICATE

This is to certify that the project work titled “A Study on Experimental Thermo-Structural Testing of Radomes” submitted by **P. DEEPA**, Roll. No. 160119736004 studying at **CBIT, Hyderabad**, in partial fulfillment of the requirement for the award of Bachelor of Engineering in **Mechanical Engineering**, is a record of the bonafide work carried out by her at STF, GD-T&S, Defence Research and Development Laboratory (DRDL) of DRDO, Hyderabad, during the period from **7<sup>th</sup> March 2022 to 7<sup>th</sup> April 2022**. Her attendance, conduct and performance during this period were excellent.

Project Guide

  
(S. NARENDAR)  
Scientist 'E'  
TSTF/STF, GD-T&S

  
(S. JEEVAN BABU)  
Scientist 'F'  
Head, HRD/DHRTM

S. JEEVAN BABU  
Sc-F, HEAD HRD/DHR&TM  
Defence Res. & Dev. Laboratory  
Kanchanbagh PO, Hyderabad-58  
For DIRECTOR

DATE: 20/07/2020

REF.No.: ESKILL/B1/B2/45



Enovate Skill

(NITTTR CHANDIGARH START-UP)



(CERTIFICATION NO.: 19ZQG02548Q)

# Certificate

**THIS IS CERTIFIED THAT PRODDUTURI DEEPA, ROLL NO./ENROLMENT NO. 160219736004 STUDENT OF MECHANICAL, CHAITIANYA BHARATHI INSTITUTE OF TECHNOLOGY HAS SUCCESSFULLY COMPLETED 60 HOURS (6 WEEKS) INDUSTRIAL TRAINING/INTERNSHIP ON "3D DESIGN" CONDUCTED BY ENOVATE SKILL VIA ICT MODE. HIS/HER PERFORMANCE IN THE TRAINING IS RATED HIGH.**

**FROM 01-06-2020 TO 08-07-2020.**



**ENOVATE SKILL**



A handwritten signature in black ink.

Director

# SOUTH CENTRAL RAILWAY



Office of the  
Sr. Divisional Mechanical  
Engineer/Diesel,  
Diesel Loco Shed,  
Kazipet – 506 003.  
Ph. & Fax No.0870-2576154

## CERTIFICATE

It is to certify that Ms. **PRODDUTURI DEEPA D/o Dr. Prodduturi Ashok Kumar** studying **B.Tech. (Mech.)** at **Chaitanya Bharathi Institute of Technology, Hyderabad** bearing with **Roll.No.160119736004** has done **Internship and Mini Project Work** on a topic titled **“Power Pack”** at **Diesel Loco Shed, Kazipet**. She has performed live study as part of the completion of **Internship**. She has completed the **Internship** during from **20.07.2021** to **06.08.2021**.

During this **Internship**, her performance found satisfactory and she has innovative ideas, deserves encouragement.

  
**DHEERAJ KUMAR**

**Section In-charge**  
**Sr. Section Engineer**  
Diesel Loco Shed, Kazipet

  
**A.SWARAJ KUMAR**

**Divisional Mechanical Engineer**  
**Diesel Loco Shed/Kazipet**

**Sr. Mechanical Engineer (Diesel)**  
Diesel Loco Shed, S.O.S., KAZIPET.





Govt. of India  
Ministry of Defence  
DEFENCE RESEARCH & DEV. ORGN.  
DEFENCE RESEARCH & DEV. LABORATORY  
PO: KANCHANBAGH  
HYDERABAD – 500 058  
Ph. 040-24583796 Fax No.040-24584587

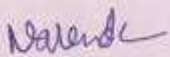
No. DRDL/DHRTM/HRD/INTERNSHIP/2022

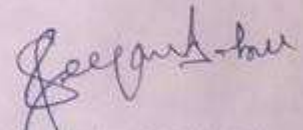
Date: 27<sup>th</sup> April 2022

### CERTIFICATE

This is to certify that the project work titled “A Study on Experimental Thermo-Structural Testing of Radomes” submitted by G. NAVYA, Roll. No. 160119736006 studying at **CBIT, Hyderabad**, in partial fulfillment of the requirement for the award of Bachelor of Engineering in **Mechanical Engineering**, is a record of the bonafide work carried out by her at STF, GD-T&S, Defence Research and Development Laboratory (DRDL) of DRDO, Hyderabad, during the period from 7<sup>th</sup> March 2022 to 7<sup>th</sup> April 2022. Her attendance, conduct and performance during this period were excellent.

Project Guide

  
(S. NARENDAR)  
Scientist ‘E’  
TSTF/STF, GD-T&S

  
(S. JEEVAN BABU)  
Scientist ‘F’  
Head, HRD/DHRTM

S. JEEVAN BABU  
Sc-F, HEAD HRD/DHR&TM  
Defence Res. & Dev. Laboratory  
Kanchanbagh PO, Hyderabad-58  
For DIRECTOR



# HYDERABAD INSTITUTE OF ELECTRICAL ENGINEERS

An ISO 9001:2015 CERTIFIED Organization

# 8-3-191/101, UMASHANKAR building, Opp : Vengalrao Nagar POST office,  
Vengal Rao Nagar, Sunder Nagar, Hyderabad, Telangana - 500038.

REGD. NO. 00YY33887503

**INTERNSHIP PROGRAM - 2020**



This is to certify that Mr./ Ms. GAJULA NAVYA

Son / Daughter of GAJULA SRINIVAS

Has successfully completed the **“PYTHON”** Training program.

From 04/06/2020 to 02/07/2020

During the period he/she attended the course regularly and keenly participated in the  
course activities

Date of Issue :02/07/2020



**Authorised Signatory**





भारत हेवी इलेक्ट्रिकल्स लिमिटेड  
रामचंद्रापुरम, हैदराबाद  
मानव संसाधन विकास केंद्र




**BHARAT HEAVY ELECTRICALS LIMITED**  
RAMACHANDRAPURAM, HYDERABAD-502032  
Human Resource Development Centre

Ref No: 22ENGG4299

Date: 09-05-2022

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that Mr./Ms./Mrs. P. PRAVALLIKA  
with college id no: 160119736008  
studying in CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY  
pursuing B.E/B.Tech/MBA in MECHANICAL  
discipline had undergone project training from 25-04-2022  
to 09-05-2022. The title of the project as per our records is  
PRINCIPLES AND OPERATIONS OF CENTRIFUGAL  
COMPRESSORS

  
Project training in charge

K NARASIMHA SANDEEP  
उप प्रबन्धक / मा. सं. टी. डी. एल.एस.  
Dy. Manager / HR - TDX  
हैदराबाद, तेलंगणा, भारत 502032




TELANGANA STATE POWER GENERATION CORPORATION LTD.

KTPS-V&VI Stages, Paloncha-507115 Phone No: 08744-255275, Email:

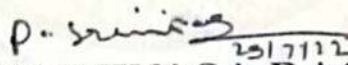
ce.ktps5@tsgenco.co.in

# CERTIFICATE

THIS IS CERTIFIED THAT P. PRAVALLIKA  
ROLL NO. 160119736008 STUDENT OF MECHANICAL ENGINEERING ,  
COLLEGE CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY  
HAS SUCCESSFULLY COMPLETED 90 HOURS INTERNSHIP ON WORKING OF  
A THERMAL POWER PLANT CONDUCTED BY TSGENCO  
FROM 16-07-2022 TO 29-07-2022

  
J. VARUN KUMAR

(ASSISTANT ENGINEER)  
Assistant Engineer  
TURBINE MAINTENANCE - I  
Turbine Division, KTPS VI Stage  
PALONCHA - 507 116

  
P. SRINIVASA RAO

(ASSISTANT DIVISIONAL ENGINEER)  
Asst. Divisional Engineer  
TURBINE MAINTENANCE - I  
Turbine Division, KTPS VI Stage  
PALONCHA - 507 115

  
A. RAMADAS

(DIVISIONAL ENGINEER)  
Divisional Engineer  
Turbine Maintenance  
KTPS-VI Stage, Paloncha.

Turbine Maintenance/KTPS-VI Stage, Email: ktps5.delm@tsgenco.co.in, Phone No. 9493122672





## Simha Motors Private Limited

D.No. 48-10-12/1, Ramachandra Nagar,  
Opp. Dr. NTR Health University,  
Vijayawada - 520 008.  
CIN : U50400AP2018PTC109047  
GSTIN : 37ABACS7221H1ZE

16.07.2022

**Ms. Mende Shreya**  
Student,  
CBIT  
Hyderabad.

### Certificate of Internship

This is to certify that **Ms. Mende Shreya**, a student of Chaitanya Bharathi Institute of Technology (CBIT) Hyderabad was undergoing an internship i.e. (01-July-2022 to 16-July-2022) and she has successfully completed the project “ **Service Operations**” under the guidance of **Mr. Abdul Samadh**.

**Ms. Mende Shreya** has been sincere and hardworking during the project, we wish her the very best for all the future endeavors.

  
Sunil.T  
Manager HR



# SOUTH CENTRAL RAILWAY



Office of the  
Sr. Divisional Mechanical  
Engineer/Diesel,  
Diesel Loco Shed,  
Kazipet – 506 003.  
Ph. & Fax No.0870-2576154

## CERTIFICATE

It is to certify that Mr. **BIKKINENI AJITH RAO S/o Bikkineni Sampath Rao** studying **B.Tech. (Mech.)** at **Chaitanya Bharathi Institute of Technology, Hyderabad** bearing with **Roll.No.160119736013** has done **Internship and Mini Project Work** on a topic titled **“Power Pack”** at **Diesel Loco Shed, Kazipet**. He has performed live study as part of the completion of **Internship**. He has completed the **Internship** during from **20.07.2021** to **06.08.2021**.

During this **Internship**, his performance found satisfactory and he has innovative ideas, deserves encouragement.

  
**DHEERAJ KUMAR**

**Sr. Section Incharge**  
Diesel Loco Shed, Kazipet  
**Sr. Section Engineer**  
Diesel Loco Shed, S.C.R., KAZIPET.

  
**A.SWARAJ KUMAR**

**Divisional Mechanical Engineer**  
Divl. Mechanical Engineer (Diesel)  
डीजल लोको शेड, द.म.रे. काजीपेट  
Diesel Loco Shed, S.C.R., KAZIPET.





Govt. of India  
Ministry of Defence  
DEFENCE RESEARCH & DEV. ORGN.  
DEFENCE RESEARCH & DEV.  
LABORATORY  
PO: KANCHANBAGH  
HYDERABAD – 500 058  
Ph.040-24583479

No. DRDL/DOE/PED/2022

Dated: 1<sup>st</sup> Aug, 2022

### CERTIFICATE

This is to certify that **Mr. S Deepak Reddy**, student of **Bachelor of Engineering** 4<sup>th</sup> Year, (Roll No. 160119736016) of **Chaitanya Bharathi Institute of Technology**, has undergone the Internship during the period from **29<sup>th</sup> June 2022** to **31<sup>st</sup> July 2022** at Defence Research & Development Laboratory (DRDL), Kanchanbagh, Hyderabad. He has successfully completed the Internship under my guidance and Internship on "**Advanced Manufacturing**".

During internship period he was found to be sincere & hard working and has taken keen interest in learning new techniques and technologies associated.

This Internship carried out in DRDL, Hyderabad is a part of academic curriculum and cannot be claimed as experience.

  
(CH.VENKATESWARLU)  
Scientist 'F'

CH. VENKATESWARLU  
SCIENTIST-F  
Defence Research & Development Laboratory  
Ministry of Defence, Govt. of India  
Kanchanbagh, Hyderabad.

# Certificate of Training

**SOMALA DEEPAK REDDY**

from CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY, has successfully completed a six weeks online training on **Advanced SOLIDWORKS**. The training consisted of Features Bundle #1, Features Bundle #2, Design Tables and Configurations, Assemblies Advanced Mates, Assemblies Deep-Dive and Final Project modules.

We wish SOMALA all the best for the future endeavours.



Sarvesh Agarwal

FOUNDER & CEO, INTERNSHALA

Date of certification: 2021-07-11

Certificate no. : 17DA2385-3CC8-48FF-A7FF-67EA5339125C

For certificate authentication, please visit [https://trainings.internshala.com/verify\\_certificate](https://trainings.internshala.com/verify_certificate)

# Certificate of Training

**SOMALA DEEPAK REDDY**

from CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY, has successfully completed a eight weeks online training on **Ansys**. The training consisted of Introduction to Finite Element Analysis (FEA), Understanding Concepts at Work & Installing Ansys, Introduction to Ansys Software, Static Structural Analysis, Modal, Thermal, & Buckling Analysis, Case Studies and Final Project modules.

We wish SOMALA all the best for the future endeavours.



Sarvesh Agarwal

FOUNDER & CEO, INTERNSHALA

Date of certification: 2021-09-04      Certificate no. : 29DED9C-A068-D9BB-4C40-6824823C9F61

For certificate authentication, please visit [https://trainings.internshala.com/verify\\_certificate](https://trainings.internshala.com/verify_certificate)

# Certificate of Training

**SOMALA DEEPAK REDDY,**

student of CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY, has successfully completed a six weeks online training on **AutoCAD** from 22nd May, 2020 to 3rd July, 2020. The training consisted of Interface, Drawing Aids & Basic Objects, Complex Objects & Object editing, Blocks & Annotations and Plotting & Introduction to 3D modules. We wish SOMALA all the best for the future.

A handwritten signature in black ink, appearing to read "Sarvesh".

Sarvesh Agrawal  
Founder & CEO, Internshala

Date of certification: 2020-05-30

Certificate no. : CA72F5F6-A95D-A05B-625B-6915BE0138C4

For certificate authentication, please visit [https://trainings.internshala.com/verify\\_certificate](https://trainings.internshala.com/verify_certificate)

# Certificate of Training

**SOMALA DEEPAK REDDY**

from **CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY** has successfully completed a six weeks online training on **Data Science** from 1st July, 2020 to 12th August, 2020. The training consisted of Introduction to Data Science, Python for Data Science, Understanding the Statistics for Data Science and Predictive Modeling and Basics of Machine Learning modules. In the final assessment, SOMALA scored 60% marks.

We wish SOMALA all the best for the future.

A handwritten signature in black ink, appearing to read "Sarvesh".

Sarvesh Agrawal  
Founder & CEO, Internshala

Date of certification: 2020-07-07

Certificate no. : 51992E31-D4F9-CAB5-75BF-60A38602CB6F

For certificate authentication, please visit [https://trainings.internshala.com/verify\\_certificate](https://trainings.internshala.com/verify_certificate)

# Certificate of Training

**SOMALA DEEPAK REDDY,**

student of CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY, has successfully completed a eight weeks online training on **Data Structures & Algorithms**. The training consisted of Introduction to Data Structures, Introduction to Algorithms, Single & Double Dimensional Arrays, Searching & Sorting, Stacks & Queues, Revision of relevant topics in C, Implementation programs of Stacks & Queues, Linear linked list, Circular linked list, Doubly linked list, Trees and Graphs modules.  
We wish SOMALA all the best for the future.



Sarvesh Agarwal

FOUNDER & CEO, INTERNSHALA

Date of certification: 2021-06-02

Certificate no. : FE66A67B-3E72-F302-78B0-3BB8D0CFF108

For certificate authentication, please visit [https://trainings.internshala.com/verify\\_certificate](https://trainings.internshala.com/verify_certificate)

# Certificate of Training

**SOMALA DEEPAK REDDY**

from CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY has successfully completed an 8-week online training on **Programming with C and C++**. The training consisted of Getting Started With Programming in C, Diving Into C Programming, Fundamentals of Object Oriented Programming Using CPP, Diving into CPP Programming, and Building Cricket Game Application modules.

We wish SOMALA all the best for future endeavours.



Sarvesh Agarwal

FOUNDER & CEO, INTERNSHALA

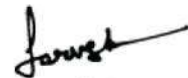
Date of certification: 2022-02-04      Certificate no. : 052AA6A4-6E46-6305-8083-809BFE58CB7C

For certificate authentication, please visit [https://trainings.internshala.com/verify\\_certificate](https://trainings.internshala.com/verify_certificate)

# Certificate of Training

**SOMALA DEEPAK REDDY**

from **CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY, HYDERABAD** has successfully completed a six weeks online training on **SOLIDWORKS** from 16th July, 2020 to 27th August, 2020. The training consisted of SolidWorks- Introduction, Interface and Sketching, Applying Features and Material, SolidWorks Assembly, SolidWorks Drawing and Portfolio Building and Final Project- Air Piston-Cylinder Assembly modules. We wish SOMALA all the best for the future.



Sarvesh Agrawal  
Founder & CEO, Internshala

Date of certification: 2020-07-22

Certificate no. : C16E16D0-E93F-6A0B-B39E-E9144A3DC63A

For certificate authentication, please visit [https://trainings.internshala.com/verify\\_certificate](https://trainings.internshala.com/verify_certificate)







Govt. of India  
Ministry of Defence  
DEFENCE RESEARCH & DEV. ORGN.  
DEFENCE RESEARCH & DEV.  
LABORATORY  
PO: KANCHANBAGH  
HYDERABAD – 500 058  
Ph. 040-2458 3495  
Fax No.040-2434 7016

Letter No. DRDL/DHRTM/HRD/PROJECT/2022

Date: 26<sup>th</sup> July 2022

### CERTIFICATE

This is to certify that Shri DIVIJ (Roll No. 1601-19-736-018) B.E student of **Mechanical Engineering**, of **Chaitanya Bharathi Institute of Technology, Hyderabad**, successfully carried out Project on **"Machining of EDM Die-Sinking"** during the period from 13<sup>th</sup> March 2022 to 26<sup>th</sup> July 2022 at Defence Research and Development Laboratory, Hyderabad under guidance of Shri Niladri Mandal, Sc'F', DOE.

During this industrial training period from 13-03-2022 to 26-07-2022, he was found to be sincere & hard working.

Project Work carried out in DRDL, Hyderabad is a part of academic curriculum and cannot be claimed as experience.

(Shri S. JEEVAN BABU)  
Scientist 'F'  
Head, HRD  
DHRTM, DRDL

**S. JEEVAN BABU**  
Sc-F, HEAD HRD/DHR&TM  
Defence Res. & Dev. Laboratory  
Kanchanbagh PO, Hyderabad-58  
SR. DIRECTOR

(NILADRI MANDAL)  
Scientist 'F'  
Head PDD  
DOE, DRDL

निलाद्री मंडल/NILADRI MANDAL  
वैज्ञानिक 'एफ' /Scientist 'F'  
प्रमुख, उत्पाद विकास विभाग  
Head, Product Development Division  
डी आर डी एल/DOE  
डी आर डी एल/DRDL  
हैदराबाद/Hyderabad-500 058



भारत हेवी इलेक्ट्रिकल्स लिमिटेड  
रामचंद्रापुरम, हैदराबाद  
मानव संसाधन विकास केंद्र



**BHARAT HEAVY ELECTRICALS LIMITED**  
RAMACHANDRAPURAM, HYDERABAD-502032  
Human Resource Development Centre

Ref No: 22EN004324

Date: 22<sup>th</sup> MAY 2022

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that Mr./Ms./Mrs. CHENNAMANENT HAVISH RAO  
\_\_\_\_\_ with college id no: 160119736020  
studying in CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY  
pursuing B.E/B.Tech/MBA in MECHANICAL ENGINEERING  
discipline had undergone project training from 4<sup>th</sup> MAY 2022  
to 18<sup>th</sup> MAY 2022. The title of the project as per our records is  
FUNDAMENTALS OF STEAM TURBINES

*SAIKIRAN*

Project training in-charge

SAIKIRAN REDDY MANDADI  
उप प्रबंधक / मानव संसाधन विकास केंद्र  
Dy. Manager / HRDC

मानव संसाधन विकास केंद्र, हैदराबाद-502032 BHEL-PESD/HYD-32



Govt. of India  
Ministry of Defence  
DEFENCE RESEARCH & DEV. ORGN.  
DEFENCE RESEARCH & DEV.  
LABORATORY  
PO: KANCHANBAGH  
HYDERABAD – 500 058  
Ph.040-24583479

No. DRDL/DOE/PED/2022

Dated:1<sup>st</sup> Aug, 2022

### CERTIFICATE

This is to certify that **Mr. Ch. Havish Rao**, student of **Bachelor of Engineering 4<sup>th</sup> Year**, (Roll No. 160119736020) of **Chaitanya Bharathi Institute of Technology**, has undergone the Internship during the period from **29<sup>th</sup> June 2022 to 31<sup>st</sup> July 2022** at Defence Research & Development Laboratory (DRDL), Kanchanbagh, Hyderabad. He has successfully completed the Internship under my guidance and Internship on **“Advanced Manufacturing”**.

During internship period he was found to be sincere & hard working and has taken keen interest in learning new techniques and technologies associated.

This Internship carried out in DRDL, Hyderabad is a part of academic curriculum and cannot be claimed as experience.

*Ch. Venkateswarlu*  
(CH VENKATESWARLU)  
Scientist 'F'

CH. VENKATESWARLU  
SCIENTIST 'F'  
Defence Research & Development Laboratory  
Ministry of Defence, Govt. of India  
Kanchanbagh, Hyderabad.



# SAGAR CEMENTS LIMITED

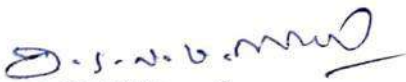
SCL/P&A/2020-21  
Date:27.07.2021

## TO WHOM SO EVER IT MAY CONCERN

This is to certify that Mr.CHENNAMANENI HAVISH RAO S/o SANJAY RAO a student of 2<sup>nd</sup> year Mechanical Engineering from Chaitanya Bharathi Institute of Technology, Hyderabad with Hall ticket / Regd No.160119736020 has been completed his Internship / Project work at our Organization / Cement Factory situated at Mattampally Village & Mandal, Suryapet Dist, Telangana State **06.07.2021 to 26.07.2021** During the Internship Training / Project work he found to be punctual sincere and actively participated in assigned work.

We wish him good luck and successful future.

For SAGAR CEMENTS LIMITED,

  
D.S.N.V.Prasad  
Sr.Vice President – Works

*Code*



Registered Office : Plot No. 111, Road No.10, Jubilee Hills, Hyderabad - 500033, Telangana, India.

Phone : +91-40-23351571, 23356572 Fax : +91-40-23356573 E-mail : info@sagarcements.in Website : www.sagarcements.in

Factories : Mattampally, Via Huzurnagar, Suryapet-District, Telangana - 508204. Phone : 08683 - 247039

Bayyavaram Village, Kasimkota Mandal, Visakhapatnam District, Andhra Pradesh - 531031. Phone : 08924-244550 Fax : 08924-244570

CIN : L26942TG1981PLC002887 GSTIN : 36AACCS8680H1ZZ



भारत हेवी इलेक्ट्रिकल्स लिमिटेड  
रामचंद्रापुरम, हैदराबाद  
मानव संसाधन विकास केंद्र



**BHARAT HEAVY ELECTRICALS LIMITED**  
RAMACHANDRAPURAM, HYDERABAD-502032  
Human Resource Development Centre

Ref No: 22ENGG5046

Date: 06-08-2022

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that Mr./Ms./Mrs. HEMANTH YADAV POMKDM  
with college id no: 160119736022  
studying in CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY  
pursuing B.E/B.Tech/MBA in MECHANICAL ENGINEERING  
discipline had undergone project training from 06-07-2022  
to 05-08-2022. The title of the project as per our records is  
STUDY OF MANUFACTURING OF STEAM  
TURBINES.

  
Project training in-charge  
D. R. SHIVA SHANKAR  
उप अधीक्षक, एच आर डी सी  
By Engineer / HRDC  
हैदराबाद कार्यालय, बंगला 32, BHEL, HPEP, HYD-32



## CERTIFICATE OF APPRECIATION

This certificate is presented to

*Hemanth Yadav*

On completion of 3 months of the 'UNITE' internship programme and successfully executing the digital placements operations at ISB for PGP Co2022

**ANKIT AGARWAL**  
Sr. Associate Director  
Career Advancement Services

**KIRAN NETI**  
Sr. Associate Director  
Career Advancement Services

**Dr. CHANDAN CHOWDHURY**  
Sr. Associate Dean & Practice Professor  
Indian School of Business

**ANIL VISHWANADHULA**  
Founder and CEO  
EdTex

18<sup>th</sup> March 2022





# SV TURBO ENGINEERING WORKS (P) LTD.

An ISO 9001-2015 Certified Company

CIN No: U40200TG2005PTC046406 NSIC No: NISIC/TSC/HYD/GP/2011-12/321

GSTIN No : 36AAJCS2665M1ZS

TAN No : HYDS19736D

ESIC No: 52000274360000699

PAN No : AAJCS2665M

EPFO No: APPTC0048351000

IEC No : 090 700 2366

MSME (Udyam) Reg No: UDYAM-TS-25-0000405

Date: 01/08/2021

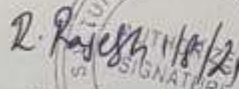
## TO WHOM SO EVER IT MAY CONCERN

This is to certify that **Mr. Hemanth Yadav**, student Roll Number of **160119736022**, has successfully completed a summer internship in the field of **Steam Turbines spares Manufacturing and Reconditioning** from 15-07-2021 to 30-07-2021 under guidance of **R.Rajesh (GM)**.

During the period of his internship program with us, he had been exposed to different processes and was found diligent hardworking and inquisitive.

We wish him every success in his life and career.

For SV Turbo Engineering Works (P) Ltd,

  
Authorized Signature.





## CERTIFICATE OF APPRECIATION

This certificate is presented to

*Ketan Kadali*

On completion of 3 months of the 'UNITE' internship programme and successfully executing the digital placements operations at ISB for PGP Co2022

**ANKIT AGARWAL**  
Sr. Associate Director  
Career Advancement Services

**KIRAN NETI**  
Sr. Associate Director  
Career Advancement Services

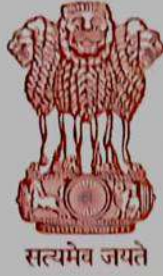
**Dr. CHANDAN CHOWDHURY**  
Sr. Associate Dean & Practice Professor  
Indian School of Business

**ANIL VISHWANADHULA**  
Founder and CEO  
EdTex

18<sup>th</sup> March 2022







Govt. of India  
Ministry of Defence  
DEFENCE RESEARCH & DEV. ORGN.  
DEFENCE RESEARCH & DEV.  
LABORATORY  
PO: KANCHANBAGH  
HYDERABAD – 500 058  
Ph.040-24583479

No. DRDL/DOE/PED/2022

Dated:1<sup>st</sup> Aug, 2022

### CERTIFICATE

This is to certify that **Mr. B. Koushik Raja Vamshi Goud**, student of **Bachelor of Engineering 4<sup>th</sup> Year**, (Roll No. 160119736025) of **Chaitanya Bharathi Institute of Technology**, has undergone the Internship during the period from **29<sup>th</sup> June 2022 to 31<sup>st</sup> July 2022** at Defence Research & Development Laboratory (DRDL), Kanchanbagh, Hyderabad. He has successfully completed the Internship under my guidance and Internship on **"Advanced Manufacturing"**.

During internship period he was found to be sincere & hard working and has taken keen interest in learning new techniques and technologies associated.

This Internship carried out in DRDL, Hyderabad is a part of academic curriculum and cannot be claimed as experience.

  
(CH VENKATESWARLU)  
Scientist 'F'

CH. VENKATESWARLU  
SCIENTIST 'F'  
Defence Research & Development Laboratory  
Ministry of Defence, Govt. of India  
Kanchanbagh, Hyderabad.



# SAGAR CEMENTS LIMITED

SCL/P&A/2020-21  
Date:27.07.2021

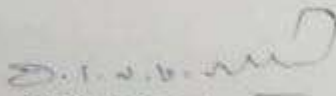
## TO WHOM SO EVER IT MAY CONCERN

This is to certify that Mr.BARIGELA KOUSHIK RAJA VAMSHI GOUD S/o RAJU GOUD a student of 2<sup>nd</sup> year Mechanical Engineering from Chaitanya Bharathi Institute of Technology, Hyderabad with Hall ticket / Regd No.160119736025 has been completed his Internship/Project work at our Organization / Cement Factory situated at Mattampally Village & Mandal, Suryapet Dist, Telangana State **06.07.2021 to 26.07.2021**

During the Internship Training / Project work he found to be punctual sincere and actively participated in assigned work.

We wish him good luck and successful future.

For SAGAR CEMENTS LIMITED,

  
D.S.N.V. Prasad  
Sr. Vice President – Works

6/20



Registered Office : Plot No. 111, Road No. 10, Jubilee Hills, Hyderabad - 500033, Telangana, India.

Phone : +91-40-23351571, 23356572 Fax : +91-40-23356572 E-mail : info@sagarcements.in Website : www.sagarcements.in

Factories : Mattampally, Via Hussurtagar, Suryapet District, Telangana - 508264 Phone : 08661 - 147039  
Bayerlan Village, Kasimkota Mandal, Visakhapatnam District, Andhra Pradesh - 531031. Phone : 08924-244550 Fax : 08924-244570

CIN : L26942TG19B/PLC002887 GSTIN : 36AACC26680H1ZZ



Govt. of India  
Ministry of Defence  
DEFENCE RESEARCH & DEV. ORGN.  
DEFENCE RESEARCH & DEV.  
LABORATORY  
PO: KANCHANBAGH  
HYDERABAD - 500 058  
Ph. 040-2458 3495  
Fax No.040-2434 7016

Letter No. DRDL/DHRTM/HRD/PROJECT/2022

Date: 26<sup>th</sup> July 2022

### CERTIFICATE

This is to certify that Shri MAHESH KUMAR (Roll No. 1601-19-736-027) B.E student of Mechanical Engineering, of Chaitanya Bharathi Institute of Technology, Hyderabad, successfully carried out Project on "*Machining of EDM Die-Sinking*" during the period from 13<sup>th</sup> March 2022 to 26<sup>th</sup> July 2022 at Defence Research and Development Laboratory, Hyderabad under guidance of Shri Niladri Mandal, Sc'F', DOE.

During this industrial training period from 13-03-2022 to 26-07-2022, he was found to be sincere & hard working.

Project Work carried out in DRDL, Hyderabad is a part of academic curriculum and cannot be claimed as experience.

(SRI S JEEVAN BABU)  
Scientist 'F'  
Head, HRD  
DHRTM, DRDL

(NILADRI MANDAL)  
Scientist 'F'  
Head PDD  
DOE, DRDL

S. JEEVAN BABU  
Sc-F, HEAD HRD/DHRTM  
Defence Res & Dev  
Hyderabad

निलद्री मंडल / NILADRI MANDAL  
वैज्ञानिक 'एफ' / Scientist 'F'  
प्रमुख, उत्पाद विकास विभाग  
Head, Product Development Division  
डी आर डी एल / DOE  
डी आर डी एल / DRDL  
हैदराबाद / Hyderabad-500 058



# SV TURBO ENGINEERING WORKS (P) LTD.

An ISO 9001-2015 Certified Company

CIN No: U40200TG2005PTC046406 NSIC No: NISIC/TSC/HYD/GP/2011-12/321

GSTIN No: 36AAJCS2665M1ZS TAN No: HYDS19736D ESIC No: S2000274360000699

PAN No: AAJCS2665M EPFO No: APPTC0048351000 IEC No: 090 700 2366

MSME (Udyam) Reg No: UDYAM-TS-25-0000405

Date: 01/08/2021

## TO WHOM SO EVER IT MAY CONCERN

This is to certify that **Mr. Mahesh Kumar**, student Roll Number of **160119736027**, has successfully completed a summer internship in the field of **Steam Turbines spares Manufacturing and Reconditioning** from 15-07-2021 to 30-07-2021 under guidance of **R.Rajesh (GM)**.

During the period of his internship program with us, he had been exposed to different processes and was found diligent hardworking and inquisitive.

We wish him every success in his life and career.

For SV Turbo Engineering Works (P) Ltd,

*R. Rajesh 01/08/21*  
SIGNATURE

Authorized Signature.

Certificate No PS-APSSDC-INTERN.EV2.0-01253



# CERTIFICATE OF INTERNSHIP

NAME Mr NIKHIL GATTU  
COLLEGE CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY

has Successfully Completed  
MASTER CLASS ON EV Design using MATLAB( 30 Days)  
at Pantech e Learning Pvt Ltd, Chennai

From **AUG 23,2021** To **SEP 21,2021**

Dr. Ravi Gujala  
Chief General Manager (Technical)  
APSSDC

Prof. Rama Koti Reddy  
Executive Director  
APSSDC

N Bangara Raju  
Managing Director  
APSSDC

M. Malaiappan  
Director  
Pantech e Learning



## CERTIFICATE OF APPRECIATION

This certificate is presented to

*Nikhil Kumar nalla*

On completion of 3 months of the 'UNITE' internship programme and successfully executing the digital placements operations at ISB for PGP Co2022

**ANKIT AGARWAL**  
Sr. Associate Director  
Career Advancement Services

**KIRAN NETI**  
Sr. Associate Director  
Career Advancement Services

**Dr. CHANDAN CHOWDHURY**  
Sr. Associate Dean & Practice Professor  
Indian School of Business

**ANIL VISHWANADHULA**  
Founder and CEO  
EdTex

18<sup>th</sup> March 2022





रामगुंडम  
RAMAGUNDAM

**HUMAN RESOURCES DEPARTMENT**  
**EMPLOYEE DEVELOPMENT CENTRE**

Ref.No.09/HR-EDC/RSTPS/2022

Date: 14.07.2022

**C E R T I F I C A T E**

This is to certify that *Mr. Nalla Nikhil Kumar*, (160119736032) student of B.E (*Mechanical*) of "*Chaitanya Bharathi Institute of Technology (A)*" Gandipet, Hyderabad, has done Mini Project Work on "*Steam Turbine And its Associated Systems*" in Mechanical Department at NTPC Ltd., Ramagundam from *23.06.2022 To 07.07.2022*.

DGM (HR)

*Employee Development Centre*

कर्मचारी विकास केन्द्र प्रभारी  
Incharge **Employee Development Centre**

NTPC-Ramagundam, PO: Jyothinagar-505 215, Dist: Peddapalli, T.S. Tele Fax: 08728-272667  
REGD.OFFICE:NTPC Bhawan, SCOPE Complex, 7 Institutional Area, Connaught Road, New Delhi -110 003  
ज्योतिनगर, JYOTHINAGAR-505 215  
Tel.011-24360100 Fax. 011-24361018. Website: www.ntpc.co.in



# SV TURBO ENGINEERING WORKS (P) LTD.

An ISO 9001-2015 Certified Company

CIN No: U40200TG2005PTC046406 NSIC No: NISIC/TSC/HYD/GP/2011-12/321

GSTIN No: 36AAJES2865M125 TAN No: HR/RS/1971ED ESIC No: 5200274360000699

FBN No: AAJCS2685M EPIC No: APFTCD04B351000 IEC No: 0901002366

MSME (Udyam) Reg No: UDYAM-TS-25-0000405

Date: 01/08/2021

## TO WHOM SO EVER IT MAY CONCERN

This is to certify that **Mr. Prajeet Goud**, student Roll Number of **160119736034**, has successfully completed a summer Internship in the field of **Steam Turbines spares Manufacturing and Reconditioning** from 15-07-2021 to 30-07-2021 under guidance of **R.Rajesh (GM)**.

During the period of his Internship program with us, he had been exposed to different processes and was found diligent hardworking and inquisitive.

We wish him every success in his life and career.

For SV Turbo Engineering Works (P) Ltd,

Authorized Signature.





भारत हेवी इलेक्ट्रिकल्स लिमिटेड  
रामचंद्रापुरम, हैदराबाद  
मानव संसाधन विकास केंद्र



**BHARAT HEAVY ELECTRICALS LIMITED**  
RAMACHANDRAPURAM, HYDERABAD-502032  
Human Resource Development Centre

Ref No: 22EN0665006

Date : 12-07-2022

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that Mr./Ms./Mrs. RACHAKONDA SAI KIRAN  
\_\_\_\_\_ with college id no: 1601-19-736-042  
studying in CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY  
pursuing B.E/B.Tech/MBA in MECHANICAL  
discipline had undergone project training from 28-06-2022  
to 12-07-2022. The title of the project as per our records is  
STUDY OF MANUFACTURING OF STEAM TURBINE  
\_\_\_\_\_

*Saikir*

साईकिरन रेड्डी मंडाडी  
SAIKIRAN REDDY MANDADI  
उप प्रबंधक / मानव संसाधन विकास केंद्र  
Dy Manager / HRDC  
मानव संसाधन विकास केंद्र, बी.एच.ई. लिमिटेड, हैदराबाद  
Project training in-charge



# SOUTH CENTRAL RAILWAY

## Carriage Workshop, Lallaguda



# Certificate

This is to certify that Rachakonda Sai Kiran (160119736042)

Student of Chaitanya Bharathi Institute of Technology

Studying B. E. Third Year in Department of Mechanical Engineering, has done

Internship Project on Maintenance Practices of Disc Brake System

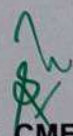
on LHB Coaches at South Central Railway, Carriage Workshop, Lallaguda,

Secunderabad from 19.07.2022 to 02.08.2022.

This is a record of bonafide work under taken by his towards the partial fulfillment of the requirement for the award of Degree of **"Bachelor of Engineering"**.

He has completed the assigned task Satisfactorily

Date : 02/08/2022

  
Dy. CME  
Carriage Workshop  
Lallaguda



Govt. of India  
Ministry of Defence  
DEFENCE RESEARCH & DEV. ORGN.  
DEFENCE RESEARCH & DEV.  
LABORATORY  
PO: KANCHANBAGH  
HYDERABAD – 500 058  
Ph.040-24583479

No. DRDL/DOE/PED/2022

Dated:1<sup>st</sup> Aug, 2022

**CERTIFICATE**

This is to certify that **Mr. N. Sai Vamsi**, student of **Bachelor of Engineering 4<sup>th</sup> Year**, (Roll No. 160119736044) of **Chaitanya Bharathi Institute of Technology**, has undergone the Internship during the period from **29<sup>th</sup> June 2022 to 31<sup>st</sup> July 2022** at Defence Research & Development Laboratory (DRDL), Kanchanbagh, Hyderabad. He has successfully completed the Internship under my guidance and Internship on **"Advanced Manufacturing"**.

During internship period he was found to be sincere & hard working and has taken keen interest in learning new techniques and technologies associated.

**This Internship carried out in DRDL, Hyderabad is a part of academic curriculum and cannot be claimed as experience.**

**(CH VENKATESWARLU)**  
**Scientist 'F'**

CH. VENKATESWARLU  
SCIENTIST 'F'  
Defence Research & Development Laboratory  
Ministry of Defence, Govt. of India  
Kanchanbagh, Hyderabad.

DATE: 26-Jun-2020

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that **Mr. Nagamalla Sai Vamsi S/O N Devaiah**, a student of Mechanical Engineering 1<sup>st</sup> year from **CBIT College**, bearing Hall Ticket number 160119736044 has successfully completed his Internship at Saboo Marketing & Services, from **5-Jun-2020 to 25-Jun-2020**.

During the period of his Internship programme with us he was found punctual, hardworking and Inquisitive.

We wish him all the best in his future endeavors.

For Saboo Marketing & Services Pvt Ltd

  
  
**HR MANAGER**



भारत हेवी इलेक्ट्रिकल्स लिमिटेड  
रामचंद्रापुरम, हैदराबाद  
मानव संसाधन विकास केंद्र



**BHARAT HEAVY ELECTRICALS LIMITED**  
RAMACHANDRAPURAM, HYDERABAD-502032  
Human Resource Development Centre

Ref No: 22ENG65021

Date : 14-07-2022

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that Mr./Ms./Mrs. REDABOTHU SAKETH REDDY  
\_\_\_\_\_ with college id no: 1601-19-736-045  
studying in CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)  
pursuing B.E/B.Tech/MBA in MECHANICAL  
discipline had undergone project training from 30-06-2022  
to 14-07-2022. The title of the project as per our records is  
STUDY OF MANUFACTURING OF STEAM TURBINES AND  
COMPRESSORS

*Saikiran*

SAIKIRAN REDDY MANDADI  
उप प्रबंधक / मानव संसाधन विकास केंद्र  
Dy. Manager / HRDC  
Project training in charge



★ TELANGANA STATE POWER GENERATION CORPORATION LTD. ★

KTPS-V&VI Stages, Paloncha-507115

Phone No: 08744-255275, Email: ce.ktps5@tsgenco.co.in

# CERTIFICATE

THIS IS CERTIFIED THAT SAKETH REDDY REDABOTHU ROLL NO. 160119736045  
STUDENT OF MECHANICAL ENGINEERING, CHAITANYA BHARATHI INSTITUTE  
OF TECHNOLOGY HAS SUCCESSFULLY COMPLETED 90 HOURS INTERNSHIP ON  
WORKING OF A THERMAL POWER PLANT CONDUCTED BY TSGENCO FROM  
16-07-2022 TO 29-07-2022

*J. Varun Kumar*  
29/7/22  
**J. VARUN KUMAR**  
(ASSISTANT ENGINEER)  
TURBINE MAINTENANCE - I  
Turbine Division, KTPS VI Stage,  
PALONCHA - 507 115

*P. Srinivasa Rao*  
25/7/22  
**P. SRINIVASA RAO**  
(ASSISTANT DIVISIONAL ENGINEER)  
Asst. Divisional Engineer  
Turbine Division, KTPS VI Stage,  
PALONCHA - 507 115

*A. Ramadas*  
29/7/22  
**A. RAMADAS**  
(DIVISIONAL ENGINEER)  
Divisional Engineer  
Turbine Division,  
KTPS-VI Stage, Paloncha.

Turbine Maintenance/KTPS-VI Stage, Email: ktps6.detm@tsgenco.co.in, Phone No: 08744255275

DATE: 18/07/2020

REF. No.: ESKILL/3D/60



Enovate Skill

(NITTTR CHANDIGARH START-UP)



(CERTIFICATION NO.: 19ZQZG02548Q)

# Certificate

**THIS IS CERTIFIED THAT REDABOTHU SAKETH REDDY, ROLL NO./ENROLMENT NO. 1601-19-736-045 STUDENT OF MECHANICAL ENGINEERING, CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A), GANDIPET, TELANGANA HAS SUCCESSFULLY COMPLETED 60 HOURS (6 WEEKS) INDUSTRIAL TRAINING/INTERNSHIP ON "3D DESIGN" CONDUCTED BY ENOVATE SKILL VIA ICT MODE. HIS/HER PERFORMANCE IN THE TRAINING IS RATED HIGH.**

**FROM 01-06-2020 TO 08-07-2020.**

**ENOVATE SKILL**

A handwritten signature in black ink, appearing to read "Choudhary".

**Director**

# CHOGEN POWERS PRIVATE LIMITED

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CPPL/HR/2020-21

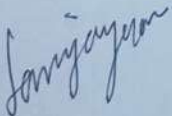
Date: 17.08.2021

## TO WHOM SO EVER IT MAY CONCERN

This is to certify that Mr.AYALURI SASI KIRAN S/o PHANEENDRA KUMAR, a student of 2<sup>nd</sup> year Mechanical Engineering from Chaitanya Bharathi Institute of Technology, Hyderabad with Regd.No.160119736047 has completed his Internship/ Project work at our Organization / Gasifier Factory situated at S.M.Pet Village, Munagala Mandal, Suryapet District, Telangana State for a period of 21 days from 27.07.2021 to 16.08.2021. During his Internship Training / Project work he was found to be punctual, sincere, hard working and actively participated in the assigned work.

We wish him Good Luck and a successful future.

For CHOGEN POWERS PRIVATE LIMITED



MANAGING DIRECTOR





# HYDERABAD INSTITUTE OF ELECTRICAL ENGINEERS

An ISO 9001:2015 Certified Organisation

REGD. NO. 00YY33887503



This is to Certify that Mr/Ms Sasi Kiran Ayaluri  
Son/Daughter of Phaneendra Kumar A  
has successfully completed the “PYTHON” Internship Program from  
04th June '20 to 02nd July '20

*During this period he/she has attended the course regularly and keenly participated in the course activities.*

Date : **10th Jul '20**

Place: **Hyderabad**



**Authorised Signatory**



SCL/P&A/2020-21

Date:27.07.2021

## TO WHOM SO EVER IT MAY CONCERN

This is to certify that Mr.AYALURI SASI KIRAN S/o PHANEENDRA KUMAR a student of 2<sup>nd</sup> year Mechanical Engineering from Chaitanya Bharathi Institute of Technology, Hyderabad with Hall ticket / Regd No.160119736047 has been completed his Internship / Project work at our Organization / Cement Factory situated at Mattampally Village & Mandal, Suryapet Dist, Telangana State **06.07.2021 to 26.07.2021** During the Internship Training / Project work he found to be punctual sincere and actively participated in assigned work.

We wish him good luck and successful future.

For SAGAR CEMENTS LIMITED,

D.S.N.V.Prasad

Sr.Vice President – Works

*Let's*



Registered Office : Plot No. 111, Road No.10, Jubilee Hills, Hyderabad - 500033, Telangana, India.

Phone : +91-40-23351571, 23356572 Fax : +91-40-23356573 E-mail : info@sagarcements.in Website : www.sagarcements.in

Factories : Mattampally, Via Huzurnagar, Suryapet-District, Telangana - 508204. Phone : 08683 - 247039

Bayyavaram Village, Kasimkota Mandal, Visakhapatnam District, Andhra Pradesh - 531031. Phone : 08924-244550 Fax : 08924-244570

CIN : L26942TG1981PLC002887 GSTIN : 36AACCS8680H1ZZ



# SAGAR CEMENTS LIMITED

SCL/P&A/2020-21

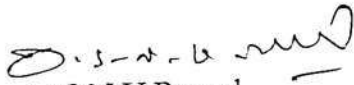
Date:27.07.2021

## TO WHOM SO EVER IT MAY CONCERN

This is to certify that Mr.GANDHAM SHANMUKHA SWAROOP S/o NARAYANA RAO a student of 2<sup>nd</sup> year Mechanical Engineering from Chaitanya Bharathi Institute of Technology, Hyderabad with Hall ticket / Regd No.160119736049 has been completed his Internship / Project work at our Organization / Cement Factory situated at Mattampally Village & Mandal, Suryapet Dist, Telangana State 06.07.2021 to 26.07.2021 During the Internship Training / Project work he found to be punctual sincere and actively participated in assigned work.

We wish him good luck and successful future.

For SAGAR CEMENTS LIMITED,

  
D.S.N.V.Prasad  
Sr.Vice President – Works

*Leela*



Registered Office : Plot No. 111, Road No.10, Jubilee Hills, Hyderabad - 500033, Telangana, India.

Phone : +91-40-23351571, 23356572 Fax : +91-40-23356573 E-mail : info@sagarcements.in Website : www.sagarcements.in

Factories : Mattampally, Via Huzurnagar, Suryapet-District, Telangana - 508204. Phone : 08683 - 247039

Bayyavaram Village, Kasimkota Mandal, Visakhapatnam District, Andhra Pradesh - 531031. Phone : 08924-244550 Fax : 08924-244570

CIN : L26942TG1981PLC002887 GSTIN : 36AACC58680H1ZZ



भारत हेवी इलेक्ट्रिकल्स लिमिटेड  
रामचंद्रापुरम, हैदराबाद  
मानव संसाधन विकास केंद्र



**BHARAT HEAVY ELECTRICALS LIMITED**  
RAMACHANDRAPURAM, HYDERABAD-502032  
Human Resource Development Centre

Ref No: 22ENG65005

Date : 12-07-2022

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that Mr./Ms./Mrs. SUDHANSHI TANNERU  
\_\_\_\_\_ with college id no: 1601-19-736-051  
studying in CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY  
pursuing B.E/B.Tech/MBA in MECHANICAL  
discipline had undergone project training from 28-06-2022  
to 12-07-2022. The title of the project as per our records is  
STUDY OF MANUFACTURING OF STEAM TURBINE  
\_\_\_\_\_

*Saikiran*  
— 2003— साकिरान रेड्डी मण्डी  
SAIKIRAN REDDY MANDADI  
अप प्रबन्धक / मानव संसाधन विकास केंद्र  
Dy Manager / HRDC  
Project training in-charge



# Brahmastra Aerospace Systems.

" A d A s t r a P e r A s p e r a "

BRHM/IN/3DP19/2021

17/12/2021,December,Chennai, India.06

## CERTIFICATE

We are glad to inform that Sudhansh Tanneru from Chaitanya Bharathi Institute of Technology has successfully completed the internship program at Brahmastra Aerospace Systems from 18/11/2021 - 10/12/2021.

During the internship, the candidate was exposed to various activities and discussion in the internship division, the candidate also closely worked as a part of the Project trainee programme and the candidate successfully completed the role of project trainee entitled as Specific Heat of Dry Air and Water Level of a Draining Tank at Brahmastra Aerospace Systems.

We found the candidate to be extremely inquisitive and hard working. The candidate was much interested in learning the functions of our core division and also willing to put best efforts to understand the subject and willing to work towards creative thinking. The candidate worked in various software and met the objectives of the project.


The candidate's association with us was very fruitful and we wish him all the best in his future endeavours.



**Subash P Kuppusamy,**  
**Founder & CEO**



brahmastraspac

 [www.brahmastraspac.org](http://www.brahmastraspac.org)

 6/77, Balaraman street,  
Nanmangalam, Chennai-117

# Certificate of Training

## Tarun Vishnu Vardhan Chirumella

from Chaitanya Bharathi Institute of Technology(A) , Hyderabad has successfully completed a 6-week online training on **3D Printing** . The training consisted of Introduction to 3D Printing, Principles, Technologies, and Materials, The Printing Journey, Applications of 3D Printing, Merits, Advancements, and Scope, and Final Project modules.

Tarun Vishnu Vardhan scored 94% marks in the final assessment and is a top performer in the training.  
We wish Tarun Vishnu Vardhan all the best for future endeavours.



Sarvesh Agarwal

FOUNDER & CEO, INTERNSHALA

Date of certification: 2022-03-02

Certificate no. : 3DFA1A54-87B1-13AC-5636-1EF1E3D81B09

For certificate authentication, please visit [https://trainings.internshala.com/verify\\_certificate](https://trainings.internshala.com/verify_certificate)

# Certificate of Training

## Tarun Vishnu Vardhan Chirumella

from CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY(A), HYDERABAD has successfully completed a 6-week online training on **Advanced SOLIDWORKS**. The training consisted of Features Bundle #1, Features Bundle #2, Design Tables and Configurations, Assemblies Advanced Mates, Assemblies Deep-Dive, and Final Project modules.

Tarun Vishnu Vardhan scored 100% marks in the final assessment and is a top performer in the training.  
We wish Tarun Vishnu Vardhan all the best for future endeavours.



Sarvesh Agarwal

FOUNDER & CEO, INTERNSHALA

Date of certification: 2021-07-31

Certificate no. : E4C27690-B615-760F-4246-06CB5A12F328

For certificate authentication, please visit [https://trainings.internshala.com/verify\\_certificate](https://trainings.internshala.com/verify_certificate)

# Certificate of Training

## Tarun Vishnu Vardhan Chirumella

has successfully completed a 4-week online training on **Business Communication Skills**. The training consisted of Introduction to Business Communication, Essential Communication Skills, The Application Process, and Workplace Communication Skills modules.

In the final assessment, Tarun Vishnu Vardhan scored 78% marks.

We wish Tarun Vishnu Vardhan all the best for future endeavours.



Sarvesh Agarwal

FOUNDER & CEO, INTERNSHALA

Date of certification: 2022-04-30      Certificate no. : 7D89606D-DB7E-2C57-9414-8C0375CC081D

For certificate authentication, please visit [https://trainings.internshala.com/verify\\_certificate](https://trainings.internshala.com/verify_certificate)



# Certificate of Training

## Tarun Vishnu Vardhan Chirumella

from Chaitanya Bharathi Institute of Technology has successfully completed a 4-week online training on **Internship & Job Preparation**. The training consisted of Getting Started with the Job Hunt, Building up your Gears, Going at the Front, and The Final Project modules. In the final assessment, Tarun Vishnu Vardhan scored 88% marks. We wish Tarun Vishnu Vardhan all the best for future endeavours.



Sarvesh Agarwal  
FOUNDER & CEO, INTERNSHALA

Date of certification: 2021-10-14

Certificate no. : C789AB99-E944-19C0-1DAA-1AF6C7BAD75D

For certificate authentication, please visit [https://trainings.internshala.com/verify\\_certificate](https://trainings.internshala.com/verify_certificate)

# Certificate of Training

## Tarun Vishnu Vardhan Chirumella

has successfully completed an 8-week online training on **Programming with C and C++**. The training consisted of Getting Started With Programming in C, Diving Into C Programming, Fundamentals of Object Oriented Programming Using CPP, Diving into CPP Programming, and Building Cricket Game Application modules. Tarun Vishnu Vardhan scored 100% marks in the final assessment and is a top performer in the training.

We wish Tarun Vishnu Vardhan all the best for future endeavours.



Sarvesh Agarwal

FOUNDER & CEO, INTERNSHALA

Date of certification: 2022-06-23      Certificate no. : 64FB479A-3B60-3BC2-A68A-BE6FE95B243D

For certificate authentication, please visit [https://trainings.internshala.com/verify\\_certificate](https://trainings.internshala.com/verify_certificate)

# Certificate of Training

## Tarun Vishnu Vardhan Chirumella

from CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY(A), HYDERABAD has successfully completed a 6-week online training on **SOLIDWORKS**. The training consisted of SolidWorks- Introduction, Interface and Sketching, Applying Features and Material, SolidWorks Assembly, SolidWorks Drawing and Portfolio Building, and Final Project- Air Piston-Cylinder Assembly modules.

In the final assessment, Tarun Vishnu Vardhan scored 85% marks.

We wish Tarun Vishnu Vardhan all the best for future endeavours.



Sarvesh Agarwal

FOUNDER & CEO, INTERNSHALA

Date of certification: 2021-07-16

Certificate no. : 9701A4F0-30EE-70B3-A83E-5B9D9D23BDCD

For certificate authentication, please visit [https://trainings.internshala.com/verify\\_certificate](https://trainings.internshala.com/verify_certificate)

# Keerthika Technologies

2-39/1/B, Besides DENA Bank, Chandanagar  
Hyderabad – 500050, Telangana, India

Ph : +91-8297118877

<http://garuda3d.com/>

email : selvakumaran@garuda3d.com

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Date: 31-July-22

## To whomsoever it may concern

This letter is to certify that **Mr. Tarun Vishnu Vardhan Chirumella** has successfully completed his internship program. His internship tenure was from **01-Jul-2022 to 31-July-22**. He was working with our '3D Printers Production' section and was actively involved in the projects and tasks assigned to him.

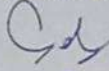
During this internship, he was exposed to the various activities in the FFF (Fused Filament Fabrication) 3D printing section. (Assembly, Troubleshooting, 3D Designing, Slicing, 3D Printing etc.).

We found him competent and active with sincerity and determination.

We wish him all the best in his future endeavors.

For Keerthika Technologies

For Keerthika Technologies



Proprietor

Selvakumaran



**गेल (इंडिया) लिमिटेड**

(भारत सरकार का उपक्रम - महारत्न कम्पनी)

**GAIL (India) Limited**

(A Government of India Undertaking - A Maharatna Company)

एक्जिम पार्क, विकास कॉलेज के पीछे,  
शीला नगर, बी एच पी वी (पोस्ट),  
विशाखपट्टनम - 530 012 (आ.प्र.)

EXIM PARK, BEHIND VIKAS COLLEGE,  
SHEELA NAGAR, BHPV (POST),  
VISAKHAPATNAM - 530 012 (A.P.)

फोन नं./PHONE : 2749771/2749772  
: 2748423/2513682  
जीएसटी नं./GSTNo. : 37AAACG1209J1ZV

REF: NO. GAIL/VIZAG/HR/SUM-TRNG/2022/07

July 28, 2022

## CERTIFICATE

This is to certify that Mr. A. Thandava Sai Rohith, a student of B. Tech, Mechanical Engineering, from Chaitanya Bharathi Institute of Technology, Hyderabad had undergone Internship / Industrial Training for a duration of two weeks w.e.f. 04-07-2022 to 17-07-2022 at GAIL, G. Konduru.

During the above period we found him sincere, keen to learn, courteous and adaptable to work environment. His conduct during the above period of training was good.

We wish him a great success in all his feature endeavours.

W.N.S.S.

(W.N.S.S. PRASAD)

Manager (HR)



पंजीकृत कार्यालय :  
16 भीकाएजी कामा प्लेस  
आर के पुरम  
नई दिल्ली-110066

REGD OFFICE:

सीआईएन/CIN 90  
L40200DL1984G01018976



Govt. of India  
Ministry of Defence  
DEFENCE RESEARCH & DEV. ORGN.  
DEFENCE RESEARCH & DEV.  
LABORATORY  
PO: KANCHANBAGH  
HYDERABAD – 500 058  
Ph.040-24583479

No. DRDL/DOE/PED/2022

Dated:1<sup>st</sup> Aug, 2022

### CERTIFICATE

This is to certify that Mr. A Uday Kiran, student of Bachelor of Engineering 4<sup>th</sup> Year, (Roll No. 160119736054) of Chaitanya Bharathi Institute of Technology, has undergone the Internship during the period from 29<sup>th</sup> June 2022 to 31<sup>st</sup> July 2022 at Defence Research & Development Laboratory (DRDL), Kanchanbagh, Hyderabad. He has successfully completed the Internship under my guidance and Internship on "Advanced Manufacturing".

During internship period he was found to be sincere & hard working and has taken keen interest in learning new techniques and technologies associated.

This Internship carried out in DRDL, Hyderabad is a part of academic curriculum and cannot be claimed as experience.

(CH.VENKATESWARLU)  
Scientist 'F'

CH. VENKATESWARLU  
SCIENTIST 'F'  
Defence Research & Development Laboratory  
Ministry of Defence, Govt. of India



Govt. of India  
Ministry of Defence  
DEFENCE RESEARCH & DEV. ORGN.  
DEFENCE RESEARCH & DEV.  
LABORATORY  
PO: KANCHANBAGH  
HYDERABAD – 500 058  
Ph. 040-2458 3495  
Fax No.040-2434 7016

Letter No. DRDL/DHRTM/HRD/PROJECT/2022

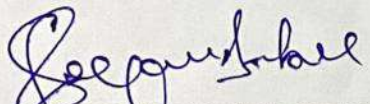
Date: 26<sup>th</sup> July 2022

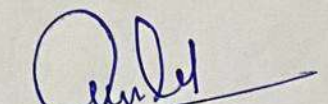
### CERTIFICATE

This is to certify that **Shri P VENKATA SRI HARSHA** (Roll No. 1601-19-736-055) B.E student of **Mechanical Engineering**, of **Chaitanya Bharathi Institute of Technology, Hyderabad**, successfully carried out Project on **“Machining of EDM Die-Sinking”** during the period from 13<sup>th</sup> March 2022 to 26<sup>th</sup> July 2022 at Defence Research and Development Laboratory, Hyderabad under guidance of Shri Niladri Mandal, Sc'F', DOE.

During this industrial training period from **13-03-2022** to **26-07-2022**, he was found to be sincere & hard working.

Project Work carried out in DRDL, Hyderabad is a part of academic curriculum and cannot be claimed as experience.

  
(Shri S JEEVAN BABU)  
Scientist 'F'  
Head, HRD  
DHRTM, DRDL

  
(NILADRI MANDAL)  
Scientist 'F'  
Head PDD  
DOE, DRDL

**S.JEEVAN BABU**  
Sc-F, HEAD HRD/DHR&TM  
Defence Res. & Dev. Laboratory  
Kanchanbagh PO, Hyderabad-500 058

निलाद्री मंडल/NILADRI MANDAL  
वैज्ञानिक 'एफ' /Scientist 'F'  
प्रमुख, उत्पाद विकास विभाग  
Head, Product Development Division  
डी ओ ई/DOE  
डी आर डी एल/DRDL  
हैदराबाद/Hyderabad-500 058



भारत हेवी इलेक्ट्रिकल्स लिमिटेड  
रामचंद्रापुरम, हैदराबाद  
मानव संसाधन विकास केंद्र



**BHARAT HEAVY ELECTRICALS LIMITED**  
RAMACHANDRAPURAM, HYDERABAD-502032  
Human Resource Development Centre

Ref No: 22ENGG4323

Date : 27<sup>th</sup> MAY 2022

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that Mr./Ms./Mrs. MADURI YASHOYARDHAN

\_\_\_\_\_ with college id no: 160119736059

studying in CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY

pursuing B.E/B.Tech/MBA in MECHANICAL ENGINEERING

discipline had undergone project training from 4<sup>th</sup>; MAY; 2022

to 18<sup>th</sup> MAY 2022. The title of the project as per our records is

FUNDAMENTALS OF STEAM TURBINES

*Saikiran*

Project training in-charge

శ్రీ సాయి కిరణ్ రెడ్డి మండలి  
SAKIRAN REDDY MANDALI  
ఉప ప్రबंधక / मानव संसाधन विकास केंद्र  
Dy. Manager / HRDC

बी.एच.ई.एल., हैदराबाद-32, BHEL-PESD, HYD-32



# CHOGEN POWERS PRIVATE LIMITED

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CPPL/HR/2020-21

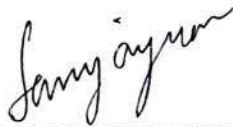
Date: 17.08.2021

## TO WHOM SO EVER IT MAY CONCERN

This is to certify that Mr.MADURI YASHOVARDHAN S/o M.VIJAY, a student of 2<sup>nd</sup> year Mechanical Engineering from Chaitanya Bharathi Institute of Technology, Hyderabad with Regd.No.160119736059 has completed his Internship/ Project work at our Organization / Gasifier Factory situated at S.M.Pet Village, Munagala Mandal, Suryapet District, Telangana State for a period of 21 days from 27.07.2021 to 16.08.2021. During his Internship Training / Project work he was found to be punctual, sincere, hard working and actively participated in the assigned work.

We wish him Good Luck and a successful future.

For CHOGEN POWERS PRIVATE LIMITED



MANAGING DIRECTOR





## **MTAR TECHNOLOGIES PRIVATE LIMITED**

**(100% Export Oriented Unit)**

Survey No 149/P, IDA, Jagadgirigutta Road,  
Gandhinagar, Hyderabad - 500 037

Ph +91-40-44555999, Fax +91-40-44555903

E-mail : info@mtar.in

CIN No U72200TG1999PTC032836. GSTIN 36AACCM2021N1ZL

### **TO WHOM SO EVER IT MAY CONCERN**

This is to certify that Mr. Maduri Yashovardhan , S/O Mr. Maduri Vijay Kumar , a student of 1<sup>st</sup> year Mechanical Engineering from CBIT with Hall ticket No. 160119736059 had undergone Internship in our organisation from 1<sup>st</sup> June 2020 to 30<sup>th</sup> June 2020 successfully .

During this Internship period we found him to be very hard working and intelligent . We wish him all success and a bright future .

Yours sincerely

**BH. Lakshmana Babu**

**Head – Aerospace Division**



# SAGAR CEMENTS LIMITED

SCL/P&A/2020-21  
Date:27.07.2021.

## TO WHOM SO EVER IT MAY CONCERN

This is to certify that Mr.MADURI YASHOVARDHAN S/o VIJAY a student of 2<sup>nd</sup> year Mechanical Engineering from Chaitanya Bharathi Institute of Technology, Hyderabad with Hall ticket / Regd No.160119736059 has been completed his Internship/ Project work at our Organization / Cement Factory situated at Mattampally Village & Mandal, Suryapet Dist, Telangana State **06.07.2021 to 26.07.2021**

During the Internship Training / Project work he found to be punctual sincere and actively participated in assigned work.

We wish him good luck and successful future.

For SAGAR CEMENTS LIMITED,

D.S.N.V.Prasad  
Sr.Vice President – Works

*6/28*



**Registered Office** : Plot No. 111, Road No.10, Jubilee Hills, Hyderabad - 500033, Telangana, India.

Phone : +91-40-23351571, 23356572 Fax : +91-40-23356573 E-mail : info@sagarcements.in Website : www.sagarcements.in

**Factories** : Mattampally, Via Huzurnagar, Suryapet-District, Telangana - 508204. Phone : 08683 - 247039

Bayyavaram Village, Kasimkota Mandal, Visakhapatnam District, Andhra Pradesh - 531031. Phone : 08924-244550 Fax : 08924-244570

CIN : L26942TG1981PLC002887 GSTIN : 36AACCS8680H1ZZ



Govt. of India  
Ministry of Defence  
DEFENCE RESEARCH & DEV. ORGN.  
DEFENCE RESEARCH & DEV.  
LABORATORY  
PO: KANCHANBAGH  
HYDERABAD – 500 058  
Ph. 040-2458 3495  
Fax No.040-2434 7016

Letter No. DRDL/DHRTM/HRD/PROJECT/2022

Date: 26<sup>th</sup> July 2022

### CERTIFICATE

This is to certify that **Shri K YASHWANTH** (Roll No. 1601-19-736-060) B.E student of **Mechanical Engineering**, of **Chaitanya Bharathi Institute of Technology, Hyderabad**, successfully carried out Project on **“Machining of EDM Die-Sinking”** during the period from 13<sup>th</sup> March 2022 to 26<sup>th</sup> July 2022 at Defence Research and Development Laboratory, Hyderabad under guidance of Shri Niladri Mandal, Sc‘F’, DOE.

During this industrial training period from **13-03-2022** to **26-07-2022**, he was found to be sincere & hard working.

Project Work carried out in DRDL, Hyderabad is a part of academic curriculum and cannot be claimed as experience.

(Shri S JEEVAN BABU)  
Scientist ‘F’  
Head, HRD  
DHRTM, DRDL

**S.JEEVAN BABU**  
Sc-F, HEAD HRD/DHR&TM  
Defence Res.& Dev.Laboratory  
Kanchanbagh PO, Hyderabad-58

(NILADRI MANDAL)  
Scientist ‘F’  
Head PDD  
DOE, DRDL

निलाद्री मंडल/NILADRI MANDAL  
वैज्ञानिक 'एफ' /Scientist 'F'  
प्रमुख, उत्पाद विकास विभाग  
Head, Product Development Division  
डी ओ ई/DOE  
डी आर डी एल/DRDL  
हैदराबाद/Hyderabad-500 058.







## CERTIFICATE OF APPRECIATION

This certificate is presented to

*Lakshmi Anusha Wudali*

On completion of 3 months of the 'UNITE' internship programme and successfully executing the digital placements operations at ISB for PGP Co2022

**ANKIT AGARWAL**  
Sr. Associate Director  
Career Advancement Services

**KIRAN NETI**  
Sr. Associate Director  
Career Advancement Services

**Dr. CHANDAN CHOWDHURY**  
Sr. Associate Dean & Practice Professor  
Indian School of Business

**ANIL VISHWANADHULA**  
Founder and CEO  
EdTex

18<sup>th</sup> March 2022





भारत हेवी इलेक्ट्रिकल्स लिमिटेड  
रामचंद्रापुरम, हैदराबाद  
मानव संसाधन विकास केंद्र



**BHARAT HEAVY ELECTRICALS LIMITED**  
RAMACHANDRAPURAM, HYDERABAD-502032  
Human Resource Development Centre

Ref No: 22EN66047

Date : 23-07-2022

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that Mr./Ms./Mrs. NAGASREE-Y  
\_\_\_\_\_ with college id no: 1601-19-136-069  
studying in CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY  
pursuing B.E/B-Tech/MBA in MECHANICAL ENGINEERING  
discipline had undergone project training from 08-07-2022  
to 22-07-2022. The title of the project as per our records is  
"BALANCING OF TURBINE ROTOR"

  
Project training in-charge  
D. P. SHIVA SHANKAR  
Dy Engineer / HRDC  
मानव संसाधन विकास केंद्र, इकाई-32, BHEL, HPEP, HYD-32



# Certificate of Training

**Nagasree Y**

from Chaitanya Bharathi Institute of Technology, has successfully completed a six weeks online training on **Programming with Python**. The training consisted of Introduction to Python, Using Variables in Python, Basics of Programming in Python, Principles of Object-oriented Programming (OOP), Connecting to SQLite Database, Developing a GUI with PyQT, Application of Python in Various Disciplines and The Final Project modules.

In the final assessment, Nagasree scored 88% marks.

We wish Nagasree all the best for the future endeavours.



Sarvesh Agarwal

FOUNDER & CEO, INTERNSHALA

Date of certification: 2021-07-22      Certificate no. : 4DA4C6DA-AF7E-8224-ED2C-00C820CF0CA5

For certificate authentication, please visit [https://trainings.internshala.com/verify\\_certificate](https://trainings.internshala.com/verify_certificate)



TELANGANA STATE POWER GENERATION CORPORATION LTD.

KTPS-V&VI Stages, Paloncha-507115 Phone No: 08744-255275, Email:

ce.ktps5@tsgenco.co.in

# CERTIFICATE

THIS IS CERTIFIED THAT G. Parameshwari

ROLL NO. 1601-19-736-070 STUDENT OF MECHANICAL ENGINEERING,  
COLLEGE CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY

HAS SUCCESSFULLY COMPLETED 90 HOURS INTERNSHIP ON WORKING OF  
A THERMAL POWER PLANT CONDUCTED BY TSGENCO

FROM 16-07-2022 TO 29-07-2022

*J. Varun Kumar*  
21/7/22  
J. VARUN KUMAR

(ASSISTANT ENGINEER)  
Assistant Engineer  
TURBINE MAINTENANCE - I  
Turbine Division, KTPS VI Stage  
PALONCHA - 507 115  
Turbine Maintenance/KTPS-VI Stage, Email: ktps5@tsgenco.co.in, Phone No. 9493122672

*P. Srinivasa Rao*  
21/7/22  
P. SRINIVASA RAO

(ASSISTANT DIVISIONAL ENGINEER)  
Asst. Divisional Engineer  
TURBINE MAINTENANCE - I  
Turbine Division, KTPS VI Stage  
PALONCHA - 507 115  
Turbine Maintenance/KTPS-VI Stage, Email: ktps5@tsgenco.co.in, Phone No. 9493122672

*A. Ramadas*  
21/7/22  
A. RAMADAS

(DIVISIONAL ENGINEER)  
Divisional Engineer  
Turbine Maintenance  
KTPS-VI Stage, Paloncha.



भारत हेवी इलेक्ट्रिकल्स लिमिटेड  
रामचंद्रापुरम, हैदराबाद  
मानव संसाधन विकास केंद्र



**BHARAT HEAVY ELECTRICALS LIMITED**  
RAMACHANDRAPURAM, HYDERABAD-502032  
Human Resource Development Centre

Ref No: 22ENG65054

Date: 23/07/2022

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that Mr./Ms./Mrs. SARIKONDA. ABHINAV  
with college id no: 1601-19-736-072  
studying in CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY  
pursuing B.E/B.Tech/MBA in MECHANICAL ENGINEERING  
discipline had undergone project training from 09/07/2022  
to 23/07/2022. The title of the project as per our records is  
STUDY OF MANUFACTURING OF STEAM TURBINES

  
Project training in charge

D.R. SHIVA SHANKAR  
उप अभियंता एच आर डी सी  
By Engineer / HRDC  
आयुक्त मन्त्री, हैदराबाद-32 BHEL-HPEP-HYD-32





# Brahmastra Aerospace Systems.

" A d A s t r a P e r A s p e r a "

BRHM/IN/3DP19/2021

17/12/2021,December,Chennai, India.06

## CERTIFICATE

We are glad to inform that Chinmay Krishna Peri from Chaitanya Bharathi Institute of Technology has successfully completed the internship program at Brahmastra Aerospace Systems from 18/11/2021 - 10/12/2021.

During the internship, the candidate was exposed to various activities and discussion in the internship division, the candidate also closely worked as a part of the Project trainee programme and the candidate successfully completed the role of project trainee entitled as Specific Heat of Dry Air and Water Level in Tank at Brahmastra Aerospace Systems.

We found the candidate to be extremely inquisitive and hard working. The candidate was much interested in learning the functions of our core division and also willing to put best efforts to understand the subject and willing to work towards creative thinking. The candidate worked in various software and met the objectives of the project.


The candidate's association with us was very fruitful and we wish him all the best in his future endeavours.



**Subash P Kuppusamy,**  
**Founder & CEO**



brahmastraspac

 [www.brahmastraspac.org](http://www.brahmastraspac.org)

 6/77, Balaraman street,  
Nanmangalam, Chennai-117

ANDHRA PRADESH POWER GENERATION CORPORATION LIMITED  
RAYALASEEMA THERMAL POWER PROJECT

From  
The Chief Engineer/O&M,  
R.T.P.P.,  
V.V.Reddy Nagar - 516 312,  
Kadapa Dist., A.P

To  
The Professor & Head,  
Department of Mechanical Engineering,  
Chaitanya Bharathi Institute of Technology  
Gandipeta, Hyderabad - 500 075  
Telangana.

Lr.No.CE/O&M/RTPP/SE/A&MM/EE/Adm/PO/BJAO/F/D.No. 25816/22, Dt. 15.07.2022.

Sir,

- Sub.- APGENCO - RTPP - Internship - Representation of the Professor & Head Department of Mechanical Engineering Chaitanya Bharathi Institute of Technology Gandipeta, Hyderabad - Permission - Accorded.
- Ref.- 1) Representation dated Nil, from the Professor & Head Department of Mechanical Engineering, Chaitanya Bharathi Institute of Technology Gandipeta, Hyderabad  
2) Payment made for Internship vide Pay Order No. 229347 Rs.3,000-00 dt.13.07.2022
- \*\*\*

In consideration of representation vide reference 1<sup>st</sup> cited, the internship permission is hereby accorded to Mr. K. Hemamshu B. Tech (Roll No.1601-19-736-078) Student of Mechanical Engineering for the period from 14.07.2022 to 13.08.2022 subject to non-existence of exigencies as decided by Sri A. Suresh Babu (Id.No.1016341) Deputy Executive Engineer/TM SD-I/Stage-I/RTPP after receipt of Pay Order vide reference 2<sup>nd</sup> cited.

The following are the terms and conditions while in Internship.

- 1) The student may be attached to Sri A. Suresh Babu (Id.No.1016341) Deputy Executive Engineer/TM SD-I/RTPP under the control of the SE/O&M Stage-I/RTPP for necessary guidance.
- 2) The facility to undergo internship is accorded as a part of his curriculum and at the request of Head of the concerned.
- 3) The student should follow all the safety precautions such as wearing **Helmet, Identity Card, Shoes, Tuck etc.** during the Internship and APGENCO shall not be liable for any type of injury/accident occurred to you.
- 4) The concerned college shall depute one of his faculty member to monitor during the Internship.
- 5) The student shall have to make his own arrangements for lodging/ boarding and transport.
- 6) The concerned college shall be held responsible for any loss/damage caused, to the APGENCO equipment student.
- 7) The student is directed to produce 2 Nos. passport size photos to the Assistant Security Officer/F&I/RTPP gate pass.
- 8) No Electronic goods are allowed in side the plant premises including TABS,CELL PHONES, CAMERAS
- 9) The student is Strictly instructed not to travel in departmental Bus. If travelled his permission will be without any information.
- 10) The Student is strictly instructed not to wander in the Project/Colony premises & he should accompany with only.
- 11) The guide must accompany with the student. If any violation of the student found (like taking photos & going to edges of highest places) the guide will be punished.
- 12) The above permission will be cancelled at any time due to any misbehavior of the student in the colony/ premises or with the officials.
- 13) The Internship Sanctioned vide Register No.29/22-23 dt. -06.2022.

  
For CHIEF ENGINEER/O&M/RTPP

Copy to: 1) Sri A. Suresh Babu (Id.No.1016341) Deputy Executive Engineer/TM SD-I/ Stage-I/RTPP through SE/O&M Stage-I/RTPP as per consent given for necessary guidance during Internship & also obtain a copy of project report from the student in order to keep in E&P Library for reference. He will be solely responsible for the safety and Security of the student during the period of Internship.

- 2) The Assistant Security Officer/F&I/RTPP.
- 3) The Asst. Commandant/SPF/RTPP. It is directed to ensure Helmet, Identity card and shoes etc. as stipulated Point No.3, 9 and 10 of this letter.



## CERTIFICATE OF APPRECIATION

This certificate is presented to

*Karthik Modugula*

On completion of 3 months of the 'UNITE' internship programme and successfully executing the digital placements operations at ISB for PGP Co2022

**ANKIT AGARWAL**  
Sr. Associate Director  
Career Advancement Services

**KIRAN NETI**  
Sr. Associate Director  
Career Advancement Services

**Dr. CHANDAN CHOWDHURY**  
Sr. Associate Dean & Practice Professor  
Indian School of Business

**ANIL VISHWANADHULA**  
Founder and CEO  
EdTex

18<sup>th</sup> March 2022





# CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)

**Dr. P.V.R. RAVINDRA REDDY**  
**B.E (Mech), M. Tech (Mfg. Engg), Ph. D,**  
**MIE, MSAE, MSME,**  
**Professor, Dept. of Mechanical Engineering**  
**Email: ravindrareddyivr\_mech@cbit.ac.in**

98483 12096 (M)

To  
Dr. Reddy's Laboratories  
Hyderabad, Telangana.

**Sub:** Request for permission to carry out *Internship/Project* by our BE student at your esteemed organization – Reg.

\*\*\*\*\*

Respected sir,

The following B.E. (Mechanical Engineering) VI-Semester student of our college is interested to pursue the internship at your industry /research organization.

Sl. No	Name of the Student	Roll No.	Mobile	Email
1	Murari Pushpa Raj Ale	1601-19-736-084	7337444331	ugs19084_mech.murari@cbit.org.in

One of our faculty members will act as an internal guide to coordinate with you. The student will be attending your organization. He will attend the internship during holidays and when class work is not there.

We will be extremely thankful to you, if you can accord permission to the student for the said purpose.

Thanking you,

Yours sincerely

**Dr.P.V.R. Ravindra Reddy**  
**Head, MED**

**Chaitanya Bharathi Institute of Technology (A)**

Chaitanya Bharathi (PO), Kokapet (V), Gandipet (M),  
Ranga Reddy District, Hyderabad - 500 075, Telangana, India

040-24193276, 79, 80

principal@cbit.ac.in www.cbit.ac.in





# Certificate of Training

**ETUKALA PREMA SAI**

from CHAITANYA BHARATI INSTITUTE OF TECHNOLOGY, has successfully completed a six weeks online training on **Programming with Python**. The training consisted of Introduction to Python, Using Variables in Python, Basics of Programming in Python, Principles of Object-oriented Programming (OOP), Connecting to SQLite Database, Developing a GUI with PyQT, Application of Python in Various Disciplines and The Final Project modules.

In the final assessment, ETUKALA PREMA scored 88% marks.  
We wish ETUKALA PREMA all the best for the future endeavours.



Sarvesh Agarwal

FOUNDER & CEO, INTERNSHALA

Date of certification: 2021-07-18

Certificate no. : FE5C9AA1-48B1-9145-6D59-0F3A41B70EAD

For certificate authentication, please visit [https://trainings.internshala.com/verify\\_certificate](https://trainings.internshala.com/verify_certificate)





# Centre for Product Design, Development And Additive Manufacturing (CPDDAM)

(A Centre of Excellence of OU under RUSA 2.0, MHRD, GoI)  
Ground Floor, TDC Building, University College of Engineering (Autonomous),  
OSMANIA UNIVERSITY, Hyderabad - India – 500007.  
E-mail: director.cpddam@osmania.ac.in  
Ph. No.: +919154269155, +91 9440408333, +91 9849867046



Date: 28-01-2022

## CERTIFICATE

This is to certify that **Mr. V. Sai Anjan Kumar (1601-19-736-093)** student of Chaitanya Bharathi Institute of Technology, Hyderabad, has gone through internship programme for a period of One month (04<sup>th</sup> October 2021 to 04<sup>th</sup> November 2021) at 'Centre for Product Design, Development and Additive Manufacturing, O.U'.

During his internship, he was regular to the centre and performance was satisfactory.

  
(Prof. Sriram Venkatesh)

DIRECTOR







## Centre for Product Design, Development And Additive Manufacturing (CPDDAM)

(A Centre of Excellence of OU under RUSA 2.0, MHRD, GoI)  
Ground Floor, TDC Building, University College of Engineering (Autonomous),  
OSMANIA UNIVERSITY, Hyderabad - India – 500007.  
E-mail: [director.cpddam@osmania.ac.in](mailto:director.cpddam@osmania.ac.in)  
Ph. No.: +919154269155, +91 9440408333, +91 9849867046



Date: 28-01-2022

### CERTIFICATE

This is to certify that **Mr. M. Yasasvi (1601-19-736-097)** student of Chaitanya Bharathi Institute of Technology, Hyderabad, has gone through internship programme for a period of One month (04<sup>th</sup> October 2021 to 04<sup>th</sup> November 2021) at 'Centre for Product Design, Development and Additive Manufacturing, O.U'.

During his internship, he was regular to the centre and performance was satisfactory.

  
(Prof. Sriram Venkatesh)

DIRECTOR



# CERTIFICATE OF PARTICIPATION

THIS CERTIFICATE IS PROUDLY PRESENTED TO

## Koppula Sumanth Reddy

---

participated in "Robotics"  
from 10th Jun, 2021 to 10th Aug, 2021  
and successfully completed the program.

29-Aug-2021

---

DATE



---

PAUL MATHEW. I  
OVERALL COORDINATOR



PHONE : 040-24583150  
040-24583151  
FAX : 040-24583154



Government Of India  
Ministry Of Defence  
Defence Research &  
Development Orgn.,  
DEFENCE RESEARCH &  
DEVELOPMENT LABORATORY  
P.O Kanchanbagh  
Hyderabad - 500058

No. DRDL/DHRTM/HRD/INTERNSHIP/2022

Date: 29<sup>th</sup> June, 2022

To

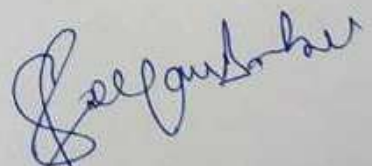
Dr.P.V.R. Ravindra Reddy,  
B.E (Mech), M.Tech (Mfg.Engg, Ph.D,  
MIE, MSAE, MSME,  
Professor, Dept. of Mechanical Engineering,  
Chaitanya Bharathi Institute of Technology ,  
Kokapet(V), Gandipet(M),  
Hyderabad-500 075

**Sub: PERMISSION FOR INTERNSHIP B.E (Mech Engg) (OFFLINE MODE)**

- 1 The following students of your college has been accepted for doing Internship (OFFLINE MODE) in this organization, for a duration of One Month, i.e., 29/06/2022 to 31/07/2022, under the guidance of SHRI. VENKATESWARLU CHEPURU, SC F, PED/DOE.

S.No	NAMES OF STUDENTS	ROLL NO.
1	S Deepak	1601-19-736-016
2	S Pavan Kalyan	1601-19-736-305
3	K Praveen Kumar	1601-19-736-306
4	K. Rahul	1601-19-736-302
5	A.Uday Kiran	1601-19-736-054

2. Kindly advise your students to report to the undersigned along with 02 passport size photographs, police verification and Xerox copy of permission letter for making security pass.
3. On Completion of internship, one copy of Project report should be submitted to HRD, along with the Certificate signed by Project guide and the Xerox copy of Permission Letter.

  
(S. JEEVAN BABU)  
Sc 'F'  
Head, HRD/DHRTM

**S.JEEVAN BABU**  
Sc-F, HEAD HRD/DHR&TM  
Defence Res.& Dev.Laboratory  
Kanchanbagh PO, Hyderabad-58  
For DIRECTOR





भारत हेवी इलेक्ट्रिकल्स लिमिटेड  
रामचंद्रापुरम, हैदराबाद  
मानव संसाधन विकास केंद्र



**BHARAT HEAVY ELECTRICALS LIMITED**  
RAMACHANDRAPURAM, HYDERABAD-502032  
Human Resource Development Centre

Ref No: 22ENGG5094

Date: 16-08-2022

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that Mr./Ms./Mrs. KANNIJOJU SHARATH BABU  
\_\_\_\_\_ with college id no: 160119736303  
studying in CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY  
pursuing B.E/B.Tech/MBA in MECHANICAL ENGINEERING  
discipline had undergone project training from 02-08-2022  
to 16-08-2022. The title of the project as per our records is  
FUNDAMENTALS OF STEAM TURBINES AND  
COMPRESSORS

Saikiran  
SAIKIRAN REDDY MANDADI  
उप प्रबंधक / मानव संसाधन विकास केंद्र  
Dy. Manager / HRDC  
Project training in-charge



भारत हेवी इलेक्ट्रिकल्स लिमिटेड  
रामचंद्रापुरम, हैदराबाद  
मानव संसाधन विकास केंद्र



**BHARAT HEAVY ELECTRICALS LIMITED**  
RAMACHANDRAPURAM, HYDERABAD-502032  
Human Resource Development Centre

Ref No: 22EN65019

Date : 14-07-2022

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that Mr./<sup>✓</sup>Ms./Mrs. HEMALATHA MAHESHWARAM  
\_\_\_\_\_ with college id no: 1601-19-736-304  
studying in CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)  
pursuing B.E/B.Tech/MBA in MECHANICAL  
discipline had undergone project training from 30-06-2022  
to 14-07-2022. The title of the project as per our records is  
STUDY OF MANUFACTURING OF STEAM TURBINES AND  
COMPRESSORS

Saikiran

SAIKIRAN REDDY MANDADI  
By Manager / HRDC  
Project Training in-charge



Govt. of India  
Ministry of Defence  
DEFENCE RESEARCH & DEV. ORGN.  
DEFENCE RESEARCH & DEV.  
LABORATORY  
PO: KANCHANBAGH  
HYDERABAD – 500 058  
Ph.040-24583479

No. DRDL/DOE/PED/2022

Dated: 1<sup>st</sup> Aug, 2022

### CERTIFICATE

This is to certify that Mr. S Pavan Kalyan, student of Bachelor of Engineering 4<sup>th</sup> Year, (Roll No. 160119736305) of Chaitanya Bharathi Institute of Technology, has undergone the Internship during the period from 29<sup>th</sup> June 2022 to 31<sup>st</sup> July 2022 at Defence Research & Development Laboratory (DRDL), Kanchanbagh, Hyderabad. He has successfully completed the Internship under my guidance and Internship on "Advanced Manufacturing".

During internship period he was found to be sincere & hard working and has taken keen interest in learning new techniques and technologies associated.

This Internship carried out in DRDL, Hyderabad is a part of academic curriculum and cannot be claimed as experience.

  
(CH.VENKATESWARLU)  
Scientist 'F'

CH. VENKATESWARLU  
SCIENTIST 'F'  
Defence Research & Development Laboratory  
Ministry of Defence, Government of India  
Kanchanbagh, Hyderabad.



Govt. of India  
Ministry of Defence  
DEFENCE RESEARCH & DEV. ORGN.  
DEFENCE RESEARCH & DEV.  
LABORATORY  
PO: KANCHANBAGH  
HYDERABAD – 500 058  
Ph.040-24583479

No. DRDL/DOE/PED/2022

Dated:1<sup>st</sup> Aug, 2022

### CERTIFICATE

This is to certify that Mr. K Praveen kumar, student of Bachelor of Engineering 4<sup>th</sup> Year, (Roll No. 160119736306) of Chaitanya Bharathi Institute of Technology, has undergone the Internship during the period from 29<sup>th</sup> June 2022 to 31<sup>st</sup> July 2022 at Defence Research & Development Laboratory (DRDL), Kanchanbagh, Hyderabad. He has successfully completed the Internship under my guidance and Internship on "Advanced Manufacturing".

During internship period he was found to be sincere & hard working and has taken keen interest in learning new techniques and technologies associated.

This Internship carried out in DRDL, Hyderabad is a part of academic curriculum and cannot be claimed as experience.

*Ch. Venkateswarlu*  
(CH.VENKATESWARLU)  
Scientist 'F'

CH. VENKATESWARLU  
SCIENTIST 'F'  
Defence Research & Development Laboratory  
Ministry of Defence, Govt. of India  
Kanchanbagh, Hyderabad.



भारत हेवी इलेक्ट्रिकल्स लिमिटेड  
रामचंद्रपुरम, हैदराबाद  
मानव संसाधन विकास केंद्र



**BHARAT HEAVY ELECTRICALS LIMITED**  
RAMACHANDRAPURAM, HYDERABAD-502032  
Human Resource Development Centre

Ref No: 22ENGG5093

Date : 16-08-2022

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that Mr./Ms./Mrs. GAJULA LAXMAN  
\_\_\_\_\_ with college id no: 160119736307  
studying in CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY  
pursuing B.E/B.Tech/MBA in MECHANICAL ENGINEERING  
discipline had undergone project training from 02-08-2022  
to 16-08-2022. The title of the project as per our records is  
FUNDAMENTALS OF STEAM TURBINES AND  
COMPRESSORS

Saikiran

సాయి కిరణ్ రెడ్డి మండాడి  
SAIKIRAN REDDY MANDADI  
उप प्रबंधक / मानव संसाधन विकास केंद्र  
Dy. Manager / HRDC

Project training in-charge



भारत हेवी इलेक्ट्रिकल्स लिमिटेड  
रामचंद्रापुरम, हैदराबाद  
मानव संसाधन विकास केंद्र



**BHARAT HEAVY ELECTRICALS LIMITED**  
RAMACHANDRAPURAM, HYDERABAD-502032  
Human Resource Development Centre

Ref No: 22ENGG5091

Date : 16-08-2022

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that Mr./Ms./Mrs. GANJI SAIRAM

with college id no: 160119736308

studying in CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY

pursuing B.E/B.Tech/MBA in MECHANICAL ENGINEERING

discipline had undergone project training from 02-08-2022

to 16-08-2022. The title of the project as per our records is

FUNDAMENTALS OF STEAM TURBINES AND

COMPRESSORS

*SAIKIRAN*

SAIKIRAN REDDY MANDADI  
उप प्रबंधक / मानव संसाधन विकास केंद्र  
Dy. Manager / HRDC  
Project training in-charge



भारत हेवी इलेक्ट्रिकल्स लिमिटेड  
रामचंद्रापुरम, हैदराबाद  
मानव संसाधन विकास केंद्र



**BHARAT HEAVY ELECTRICALS LIMITED**  
RAMACHANDRAPURAM, HYDERABAD-502032  
Human Resource Development Centre

Ref No: 22ENGG5020

Date : 14-07-2022

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that Mr./Ms./Mrs. MANISHA MODELA  
with college id no: 1601-19-736-309  
studying in CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY  
pursuing B.E/B.Tech/MBA in MECHANICAL ENGG  
discipline had undergone project training from 30-06-2022  
to 14-07-2022. The title of the project as per our records is  
TURBINES AND COMPRESSORS.

*Saikiran*

SAIKIRAN REDDY MANDADI  
Dy Manager / HRDC  
Project training in-charge

# Certificate of Training

**MANISHA MODELA**

from CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (CBIT) has successfully completed a 6-week online training on **CATIA**. The training consisted of Introduction to CATIA and Sketcher Workbench, Part Design Workbench, Wireframe and Surface Design, Assembly Workbench, Drafting Workbench, and Final Training Project modules.

MANISHA scored 90% marks in the final assessment and is a top performer in the training.

We wish MANISHA all the best for future endeavours.



Sarvesh Agarwal

FOUNDER & CEO, INTERNSHALA

Date of certification: 2022-02-02

Certificate no. : F01428D2-FA32-B671-47FD-1ABC2DA492E1

For certificate authentication, please visit [https://trainings.internshala.com/verify\\_certificate](https://trainings.internshala.com/verify_certificate)





भारत हेवी इलेक्ट्रिकल्स लिमिटेड  
रामचंद्रापुरम, हैदराबाद  
मानव संसाधन विकास केंद्र



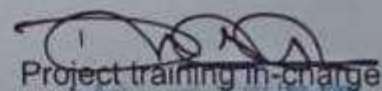
**BHARAT HEAVY ELECTRICALS LIMITED**  
RAMACHANDRAPURAM, HYDERABAD-502032  
Human Resource Development Centre

Ref No: 22ENG95053

Date: 23/07/2022

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that Mr./Ms./Mrs. AJMEERA RACHANA  
\_\_\_\_\_ with college id no: 1601-19-736-311  
studying in CHAITHANYA BHARATHI INSTITUTE OF TECHNOLOGY  
pursuing B.E/B.Tech/MBA in MECHANICAL ENGINEERING  
discipline had undergone project training from 09/07/2022  
to 23/07/2022. The title of the project as per our records is  
STUDY OF MANUFACTURING OF STEAM TURBINES

  
Project training in-charge

SHANKAR  
HUMAN RESOURCE DEVELOPMENT CENTRE  
BHEL, HYDRABAD



भारत हेवी इलेक्ट्रिकल्स लिमिटेड  
रामचंद्रापुरम, हैदराबाद  
मानव संसाधन विकास केंद्र



**BHARAT HEAVY ELECTRICALS LIMITED**  
RAMACHANDRAPURAM, HYDERABAD-502032  
Human Resource Development Centre

Ref No: 22ENGG 5009

Date : 12-07-2022

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that Mr./Ms./Mrs. NIRMIT NAHA  
\_\_\_\_\_ with college id no: 1601-19-736-313  
studying in CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY  
pursuing B.E/B.Tech/MBA in MECHANICAL  
discipline had undergone project training from 28-06-2022  
to 12-07-2022. The title of the project as per our records is  
STUDY OF MANUFACTURING OF STEAM TURBINE

*Saikiran*

साईकिरण रेड्डी मंडाडी  
SAIKIRAN REDDY MANDADI  
उप प्रबंधक / मानव संसाधन विकास केंद्र  
Dy. Manager / HRDC  
भारत हेवी इलेक्ट्रिकल्स लिमिटेड, हैदराबाद-502032 BHEL-PESD, HYD-32  
Project training in-charge



★ TELANGANA STATE POWER GENERATION CORPORATION LTD. ★

KTPS-V&VI Stages, Paloncha-507115

Phone No: 08744-255275, Email: ce.ktps5@tsgenco.co.in

# CERTIFICATE

THIS IS CERTIFIED THAT G. CHOODAMANI CHANDANA ROLL NO. 160119738001  
STUDENT OF PRODUCTION ENGINEERING, CHAITANYA BHARATHI INSTITUTE  
OF TECHNOLOGY HAS SUCCESSFULLY COMPLETED 90 HOURS INTERNSHIP ON  
WORKING OF A THERMAL POWER PLANT CONDUCTED BY TSGENCO FROM  
16-07-2022 TO 29-07-2022

*J. Varun Kumar*  
29/07/22

J. VARUN KUMAR

(ASSISTANT ENGINEER)

TURBINE MAINTENANCE  
Turbine Division, KTPS VI Stage  
PALONCHA - 507 115

*P. Srinivasa Rao*  
29/07/22

P. SRINIVASA RAO

(ASSISTANT DIVISIONAL ENGINEER)

Asst. Divisional Engineer

Turbine Division, KTPS VI Stage  
PALONCHA - 507 115

*A. Ramadas*  
29/07/22

A. RAMADAS

(DIVISIONAL ENGINEER)

Divisional Engineer  
Turbine Maintenance  
KTPS-VI Stage, Paloncha



★ TELANGANA STATE POWER GENERATION CORPORATION LTD. ★

KTPS-V&VI Stages, Paloncha-507115

Phone No: 08744-255275, Email: ce.ktps5@tsgenco.co.in

# CERTIFICATE

THIS IS CERTIFIED THAT DERE BHAVANI RATH REDDY ROLL NO. 160119738008  
STUDENT OF PRODUCTION ENGINEERING, CHAITANYA BHARATHI INSTITUTE  
OF TECHNOLOGY HAS SUCCESSFULLY COMPLETED 90 HOURS INTERNSHIP ON  
WORKING OF A THERMAL POWER PLANT CONDUCTED BY TSGENCO FROM  
16-07-2022 TO 29-07-2022

  
J. VARUN KUMAR

(ASSISTANT ENGINEER) in Charge

TURBINE MAINTENANCE - I  
Turbine Division, KTPS VI Stage  
PALONCHA - 507 115

  
P. SRINIVASA RAO

(ASSISTANT DIVISIONAL ENGINEER) in Charge

TURBINE MAINTENANCE - II  
Turbine Division, KTPS VI Stage  
PALONCHA - 507 115  
9495122872

  
A. RAMADAS

(DIVISIONAL ENGINEER) in Charge

Divisional Engineer  
Turbine Maintenance  
KTPS-VI Stage, Paloncha



★ TELANGANA STATE POWER GENERATION CORPORATION LTD. ★

KTPS-V&VI Stages, Paloncha-507115

Phone No: 08744-255275, Email: ce.ktps5@tsgenco.co.in

# CERTIFICATE

THIS IS CERTIFIED THAT MALOTH MAHESH ROLL NO. 160119738010 STUDENT OF PRODUCTION ENGINEERING, CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY HAS SUCCESSFULLY COMPLETED 90 HOURS INTERNSHIP ON WORKING OF A THERMAL POWER PLANT CONDUCTED BY TSGENCO FROM 16-07-2022 TO 29-07-2022

J. Varun Kumar  
29/7/22

J. VARUN KUMAR

(ASSISTANT ENGINEER)

TURBINE MAINTENANCE - I

Turbine Division, KTPS-VI Stage,

PALONCHA - 507 115

P. Srinivasa Rao  
29/7/22

P. SRINIVASA RAO

(ASSISTANT DIVISIONAL ENGINEER)

TURBINE MAINTENANCE - I

Turbine Division, KTPS-VI Stage,

PALONCHA - 507 115

A. Ramadas  
29/7/22

A. RAMADAS

(DIVISIONAL ENGINEER)

Divisional Engineer

Turbine Maintenance

KTPS-VI Stage, Paloncha

★ Turbine Maintenance/KTPS-VI Stage, Email: ktps6.dtm@tsgenco.co.in, Phone No. 9493122672 ★

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040-24583151  
FAX : 040-24583154



Government Of India  
Ministry Of Defence  
Defence Research &  
Development Orgn.,  
DEFENCE RESEARCH &  
DEVELOPMENT LABORATORY  
P.O Kanchanbagh  
Hyderabad - 500058

No. DRDL/DHRTM/HRD/INTERNSHIP/2022

Date: 29<sup>th</sup> June, 2022

To

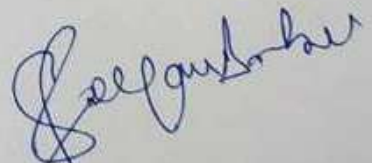
Dr.P.V.R. Ravindra Reddy,  
B.E (Mech), M.Tech (Mfg.Engg, Ph.D,  
MIE, MSAE, MSME,  
Professor, Dept. of Mechanical Engineering,  
Chaitanya Bharathi Institute of Technology ,  
Kokapet(V), Gandipet(M),  
Hyderabad-500 075

**Sub: PERMISSION FOR INTERNSHIP B.E (Mech Engg) (OFFLINE MODE)**

- 1 The following students of your college has been accepted for doing Internship (OFFLINE MODE) in this organization, for a duration of One Month, i.e., 29/06/2022 to 31/07/2022, under the guidance of **SHRI. VENKATESWARLU CHEPURU, SC F, PED/DOE.**

S.No	NAMES OF STUDENTS	ROLL NO.
1	S Deepak	1601-19-736-016
2	S Pavan Kalyan	1601-19-736-305
3	K Praveen Kumar	1601-19-736-306
4	K. Rahul	1601-19-736-302
5	A.Uday Kiran	1601-19-736-054

2. Kindly advise your students to report to the undersigned along with **02 passport size photographs, police verification and Xerox copy of permission letter** for making security pass.
3. On Completion of internship, one copy of **Project report** should be submitted to HRD, along with the **Certificate signed by Project guide** and the **Xerox copy of Permission Letter.**

  
(S. JEEVAN BABU)  
Sc 'F'

Head, HRD/DHRTM

**S.JEEVAN BABU**  
Sc-F, HEAD HRD/DHR&TM  
Defence Res.& Dev.Laboratory  
Kanchanbagh PO, Hyderabad-58  
For DIRECTOR

PHONE : 040-24583150  
040-24583151  
FAX : 040-24583154



Government Of India  
Ministry Of Defence  
Defence Research &  
Development Orgn.,  
DEFENCE RESEARCH &  
DEVELOPMENT LABORATORY  
P.O Kanchanbagh  
Hyderabad - 500058

No. DRDL/DHRTM/HRD/INTERNSHIP/2022

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To

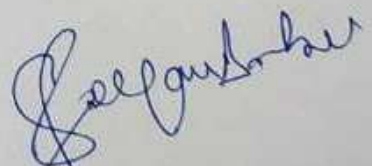
Dr.P.V.R. Ravindra Reddy,  
B.E (Mech), M.Tech (Mfg.Engg, Ph.D,  
MIE, MSAE, MSME,  
Professor, Dept. of Mechanical Engineering,  
Chaitanya Bharathi Institute of Technology ,  
Kokapet(V), Gandipet(M),  
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(S. JEEVAN BABU)  
Sc 'F'  
Head, HRD/DHRTM

**S.JEEVAN BABU**  
Sc-F, HEAD HRD/DHR&TM  
Defence Res.& Dev.Laboratory  
Kanchanbagh PO, Hyderabad-58  
For DIRECTOR



CHAITANYA BHARATHI  
INSTITUTE OF TECHNOLOGY (A)

Kokapet (Village), Gandipet, Hyderabad, Telangana-500075. www.cbti.ac.in



COMMITTED TO  
RESEARCH  
INNOVATION AND  
EDUCATION

43  
years

## CERTIFICATE

This is to certify that the thesis entitled “**Optimization of Machining Parameters in High Speed Machining and Analysis of gas Turbine blade**” by the following student in partial fulfillment for the award of the degree of B.E. Mechanical Engineering is a bonafide record of project work carried out under my supervision. The contents of this report, in full or in parts has not been submitted elsewhere for a degree.

**KRITI SARILLA**                      **160118736061**

**RANI MAMIDI**                      **160118736064**

**P SREE NANDINI**                      **160118736066**

**Dr. P. Ravinder Reddy,**

**Principal & Professor**

**Mechanical Engineering**

**Department.**

**Dr. P.V.R. Ravindra Reddy,**

**Professor & H.O.D**

**PROFESSOR & HEAD**

**Mechanical Engineering**

**Department of Mechanical Engineering**

**Chaitanya Bharathi Institute of Technology (A)**

**Gandipet, Hyderabad-500 075, Telangana**

**Department .**

**Date : June 2022**

**Place : Hyderabad**





## CERTIFICATE

This is to certify that the thesis entitled "STRUCTURAL AND THERMAL ANALYSIS OF A GAS TURBINE BLADE" by the following students is a bonafide record of Project work carried out under my supervision and have not submitted elsewhere for a degree.

B. MOUNIKA	160118736062
CH. VANAJA	160118736309
R. SHIRISHA	160118736312

Dr S Solomon Raj  
Associate Professor  
Mechanical Engineering  
Department

Dr. P.V.R. Ravindra Reddy  
Professor & Head  
Mechanical Engineering  
Department  
Chaitanya Bharathi Institute of Technology (A)  
Kulape, Hyderabad-500 075, Telangana

Date:

Place: Hyderabad



## CERTIFICATE

This is to certify that the thesis entitled “*DESIGN AND ANALYSIS ON FLEX SEAL NOZZLE*” by the following members in partial fulfilment for the award of the degree of **B.E. in Mechanical Engineering** is a **bonafide record of project work carried out under my supervision**. The contents of this report, in full or in parts, have not been submitted to any other Institution or University for the award of any degree.

- |                    |              |
|--------------------|--------------|
| 1. G. PRANAVA      | 160118736063 |
| 2. R. NIKHIL REDDY | 160118736086 |
| 3. M. SRI HARSHA   | 160118736099 |

**Dr. P. RAVINDER REDDY**

Professor  
**PROFESSOR**  
Department of Mechanical Engineering  
Chaitanya Bharathi Institute of Technology (A)  
Gandipet, HYDERABAD-500 075 (T.S.)

**Dr. P. V. R. RAVINDRA REDDY**

Professor & Head

Mechanical Engineering Dept.  
**PROFESSOR & HEAD**  
Department of Mechanical Engineering  
Chaitanya Bharathi Institute of Technology (A)  
Gandipet, Hyderabad-500 075, Telangana

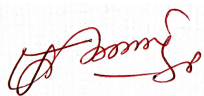
**Date: 2<sup>nd</sup> June 2022**

**Place: Hyderabad**

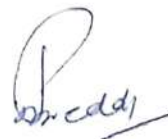
## CERTIFICATE

This is to certify that the thesis entitled “Design and Manufacturing of Gyro Housing Components of Milan Missile” by the following students is a bonafide record of Project work carried out under my supervision and have not submitted elsewhere for a degree.

1601-18-736-065	G. Samhitha Reddy
1601-18-736-103	G. Vamshi Krishna Reddy
1601-18-736-110	V. Vijayendra



**Dr. S. Solomon Raj**  
**Associate Professor**  
**Mechanical Engineering Department**



**Dr. P.V.R. Ravindra Reddy**  
**Professor & Head**  
**Mechanical Engineering Department**  
PROFESSOR & HEAD  
Mechanical Engineering Department  
Chaitanya Bharathi Institute of Technology (A)  
Gandipet, Hyderabad-500 075. Telangana

Date:

Place: Hyderabad

## CERTIFICATE

This is to certify that the thesis entitled “**Non-Destructive Evaluation of a Canister**” by the following students is a bonafide record of Project work carried out under my supervision and have not submitted elsewhere for a degree.

Mohammed Abdur Raheemuddin - 160118736069

Siraj Ali Khan Lodhi - 160118736071

**Dr. Kiran Kumar Amireddy**  
**Assistant Professor**  
**Mechanical Engineering**  
**Department**

ASSISTANT PROFESSOR  
Department of Mechanical Engineering  
Chaitanya Bharathi Institute of Technology  
Gandipet, HYDERABAD 500 075 (AP)

**Date: 11.06.2022**

**Place: Hyderabad**

**Dr. P.V.R. Ravindra Reddy**  
**Professor & Head**  
**Mechanical Engineering**  
**Department**

PROFESSOR & HEAD  
Department of Mechanical Engineering  
Chaitanya Bharathi Institute of Technology (A)  
Gandipet, Hyderabad-500 075, Telangana



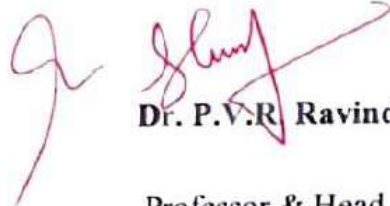
## CERTIFICATE

This is to certify that the thesis entitled “**INVESTIGATION ON THE PROPERTIES OF USED FOUNDRY SAND FOR RECYCLING AND REUSING**” by the following students is a bonafide record of Project work carried out under my supervision and have not submitted elsewhere for a degree.

M ANANDA PRASAD RAO	160118736072
S SATYA NARAYANA	160118736093
S SHIVA KESHAV	160118736308

  
**Dr P. PRABHAKAR REDDY**

Professor  
Mechanical Engineering Dept.

  
**Dr. P.V.R. Ravindra Reddy**

Professor & Head  
Mechanical Engineering Dept.

**PROFESSOR**  
Department of Mechanical Engineering  
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Gandipet, HYDERABAD-500 075 (T.S.)

**PROFESSOR & HEAD**  
Department of Mechanical Engineering  
Chaitanya Bharathi Institute of Technology (A)  
Gandipet, Hyderabad-500 075. Telangana

**Date:**

**Place: Hyderabad**



## CERTIFICATE

*This is to certify that the thesis entitled "POWER GENERATION FROM TRACKS USING THE VELOCITY OF A MOVING TRAIN" by the following students of is a bonafide record of Project work carried out under my supervision. The content of reports in full or in parts have not been submitted to any other institution or university for the award of any degree.*

MIR ATIF ALI

1601-18-736-073

MUFADDAL IDREES

1601-18-736-077

SUHAIR AHMED

1601-18-736-101

*Kannan*

**Dr. Y. S. Kannan**

**Assistant Professor**

**Mechanical Engineering**

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**ASSISTANT PROFESSOR**  
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*P. V. R. Ravindra Reddy*

**Dr. P. V. R. Ravindra Reddy**

**Professor & Head**

**Mechanical Engineering**

**Department**

**PROFESSOR & HEAD**  
Department of Mechanical Engineering  
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Gandipet, Hyderabad-500 075, Telangana

Place: Hyderabad

Date: May, 2022



CHAITANYA BHARATHI  
INSTITUTE OF TECHNOLOGY (A)

Kokapet ( Village), Gandipet, Hyderabad, Telangana-500075 www.cbit.ac.in



ISO Certified  
9001:2015

COMMITTED TO  
RESEARCH,  
INNOVATION AND  
EDUCATION

43  
years

## CERTIFICATE

This is to certify that the thesis entitled "**DESIGN AND ANALYSIS OF HOSSACK SUSPENSION SYSTEM**" by the following members in partial fulfilment for the award of the degree of **B.E. in Mechanical Engineering** is a **bonafide record of project work carried out under my supervision**. The contents of this report, in full or in parts, have not been submitted to any other Institution or University for the award of any degree.

1. CH. BHAGATH                      160118736074

2. S. CHAITANYA                      160118736075

3. M. JASHWANTH                      160118736078



Dr. G. LAXMAIAH

Professor

Mechanical Engineering Dept.



Dr. P. V. R. RAVINDRA REDDY

Professor & Head

Mechanical Engineering Dept.

Date: 11 June, 2022

Place: Hyderabad



## CERTIFICATE

This is to certify that the thesis entitled "Fabrication of 3D Printed Prosthetic Arm using Electromyography" by the following members in partial fulfilment for the award of the degree of B.E. in Mechanical Engineering is a bonafide record of project work carried out under my supervision. The contents of this report, in full or in parts, have not been submitted to any other Institution or University for the award of any degree.

<b>KALLEM KISHORE</b>	- 160118736079
<b>JANIGA SAI KRISHNA</b>	- 160118736091
<b>D VIJAY SAI</b>	- 160118736109

**Dr. N.V. Srinivasulu**

Professor

Mechanical Engineering Department

**Dr. P.V.R. Ravindra Reddy**

Professor & Head

PROFESSOR & HEAD

Mechanical Engineering Department

Chaitanya Bharathi Institute of Technology (CBTI)  
Gandipet, Hyderabad-500 075, Telangana

Date June 2022

Place Hyderabad





CHAITANYA BHARATHI  
INSTITUTE OF TECHNOLOGY (A)

Kokapet (Village), Gandipet, Hyderabad, Telangana 500075. www.cbil.ac.in



ISO Certified  
9001:2015

COMMITTED TO  
RESEARCH  
INNOVATION AND  
EDUCATION

43  
years

## CERTIFICATE

This is to certify that the thesis entitled "*DESIGN, FABRICATION AND OPTIMIZATION OF PRODUCTS OBTAINED THROUGH METAL SPINNING*" by the following members in partial fulfilment for the award of the degree of B.E. in Mechanical Engineering is a bonafide record of project work carried out under my supervision. The contents of this report, in full or in parts, have not been submitted to any other Institution or University for the award of any degree.

**N. Krishna Surya Varma** - 160118736080

**M. Piyush Bhushan** - 160118736087

**A. Yashpal Kumar Reddy** - 160118736111

**Dr. B.V.S. RAO**

**Assistant Professor**

**Mechanical Engineering Department**

**Dr. P. V. R. Ravindra Reddy**

**Professor & Head**

**Mechanical Engineering Department**

**ASSISTANT PROFESSOR**  
Department of Mechanical Engineering  
Date: \_\_\_\_\_  
Chaitanya Bharathi Institute of Technology (A)  
Gandipet, Hyderabad-500 075 (T.S.)  
Place: \_\_\_\_\_

**PROFESSOR & HEAD**  
Department of Mechanical Engineering  
Chaitanya Bharathi Institute of Technology (A)  
Gandipet, Hyderabad-500 075, Telangana

## CERTIFICATE

*This is to certify that the thesis entitled "**DESIGN AND ANALYSIS OF DISC BRAKE**" by the following students is a bonafide record of Project work carried out under my supervision and have not submitted elsewhere for a degree.*

MANAS JAIN	160118736081
MANI VARDHAN REDDY	160118736082
NACHIKETH PATNAIK	160118736083

*K. Sreeram*

Sri K.Yasoda Sreeram  
**Assistant Professor**  
**Mechanical Engineering**  
**Department**

*P. Ravindra Reddy*

Dr. P.V.R. Ravindra Reddy  
**Professor & Head**  
**Mechanical Engineering**  
**Department**

**Date:**

**Place: Hyderabad**



CHAITANYA BHARATHI  
INSTITUTE OF TECHNOLOGY

Kokapet(Village), Gandipet, Hyderabad, Telangana-500075. www.chit.ac



## CERTIFICATE

This is to certify that the thesis entitled “**Design and Fabrication of Foldable Motorcycle Helmet with Accident Notification System**” by the following students is a bonafide record of Project work carried out under my supervision and have not submitted elsewhere for a degree.

U. Narendra sagar	160118736084
K. Sadanand	160118736089
T. Sai Kiran	160118736090

Dr. N. V. Srinivasulu  
Professor  
Mechanical Engineering Department

Dr. P.V.R. Ravindra Reddy  
Professor & Head  
PROFESSOR & HEAD  
Department of Mechanical Engineering  
Mechanical Engineering Department  
Chaitanya Bharathi Institute of Technology  
Gandipet, Hyderabad-500 075, Telangana

Date: **June 2022**

Place: **Hyderabad**



CHAITANYA BHARATHI  
INSTITUTE OF TECHNOLOGY (A)

Kotapet | Village: Gandipet, Hyderabad, Telangana-500075. www.chit.ac.in



COMMITTED TO  
RESEARCH  
INNOVATION AND  
EDUCATION

43  
years

## CERTIFICATE

This is to certify that the project entitled "DESIGNING THE WALKING STRATEGY AND FABRICATION OF A BIPED ROBOT". by the following members in the partial fulfilment for the award of the degree of **B.E. Mechanical Engineering** is a bonafide record of project work carried out under my supervision. The contents of this report, in full or in parts, have not been submitted to any other Institution or University for the award of any degree.

By

**K. SATYA SAI**  
1601-18-736-094

**Dr. N. V. Srinivasulu**

**Professor**

**Mechanical Engineering  
Department**

**Dr. P.V.R. Ravindra Reddy**

**Professor & Head**

**PROFESSOR & HEAD**  
**Mechanical Engineering**  
**Department**  
Department of Mechanical Engineering  
Chaitanya Bharathi Institute of Technology (A)  
Gandipet, Hyderabad-500 075, Telangana

**Date: 11<sup>th</sup> June 2022**

**Place: Hyderabad**



CHAITANYA BHARATHI  
INSTITUTE OF TECHNOLOGY (A)  
Nokaneri, Village Gandibet, Hyderabad, Telangana 500075 www.cbti.ac.in



COMMITTED TO  
RESEARCH  
INNOVATION AND  
EDUCATION

43  
years

## CERTIFICATE

This is to certify that the thesis entitled "**POWER- GENERATING KNEE STRAP HINTS**" by the following members in partial fulfilment for the award of the degree of B.E.in Mechanical Engineering is a bonafide record of project work carried out under my supervision. The contents of this report, in full or in parts, have not been submitted to any other Institution or University for the award of any degree.

P Sravan

160118736097

N Vamshidhar Reddy

160118736104

B Venkat Sai

160118736108

**Dr. S. SOLOMON RAJ**  
Associate Professor  
Mechanical Engineering Department

**Dr. P. V. R. Ravindra Reddy**  
Professor & Head  
PROFESSOR & HEAD  
Mechanical Engineering Department  
Chaitanya Bharathi Institute of Technology (A)  
Gandibet, Hyderabad - 500 075, Telangana

Date:

Place: Hyderabad



**CERTIFICATE**

This is to certify that the thesis entitled **"DESIGN, FABRICATION AND PERFORMANCE ANALYSIS OF STEPPED SOLAR STILL."** by the following students is a bonafide record of Project work carried out under my supervision and have not submitted elsewhere for a degree.

**G. SREERAM**

**160118736098**

**A. SRIKANTH YADAV**

**160116736110**

**E. RAKESH**

**160116736316**

*Mr. P. Radhakrishna Prasad*  
 10/06/2022

**Mr. P. RADHAKRISHNA PRASAD**

Assistant Professor  
 Mechanical Engineering  
 Department

**ASSISTANT PROFESSOR**  
 Department of Mechanical Engineering  
 Chaitanya Bharathi Institute of Technology (A)  
 Gandipet, HYDERABAD-500 075 (T.S.)

*Dr. P.V.R. Ravindra Reddy*

**Dr. P.V.R. Ravindra Reddy**

Professor & Head Mechanical  
 Mechanical Engineering  
 Department  
**PROFESSOR & HEAD**  
 Department of Mechanical Engineering  
 Chaitanya Bharathi Institute of Technology (A)  
 Gandipet, Hyderabad-500 075, Telangana

**Date:**

**Place:** Hyderabad



## CERTIFICATE

*This is to certify that the thesis entitled "**FABRICATION OF SOLAR CAR**" by the following students is a bonafide record of Project work carried out under my supervision and have not submitted elsewhere for a degree.*

P.SRIRAJ REDDY	160118736100
A.VIKAS	160118736313
MD.ZAFAR UMAIR	160118736314

**Dr.G. Laxmaiah**

**Professor**

**PROFESSOR**  
**Mechanical Engineering Dept.**  
Department of Mechanical Engineering  
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Gandipet, HYDERABAD-500 075 (T.S.)

**Dr. P.V.R. Ravindra Reddy**

**Professor & Head**

**PROFESSOR & HEAD**  
**Mechanical Engineering Dept.**  
Department of Mechanical Engineering  
Chaitanya Bharathi Institute of Technology (A)  
Gandipet, Hyderabad-500 075. Telangana

**Date:**

**Place: Hyderabad**



## CERTIFICATE

*This is to certify that the project entitled "Development Of Solar Powered Wireless Power Transmission For Electric Vehicles", submitted in the partial requirement of Bachelor's in Mechanical Engineering is a bonafide record of project work carried out under my supervision. The contents of this report, in full or in parts, have not been submitted to any other Institution or University for the award of any degree.*

**Varshith B V S T**      **160118736105**

**A.Vasanth Patel**      **160118736106**

**E.Yashwanth Reddy**      **160118736112**

PROFESSOR & HEAD  
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**SRI K.YASODA SREERAM**  
**Assistant Professor**  
Mechanical engineering Department

**Date:**

**Place: Hyderabad**



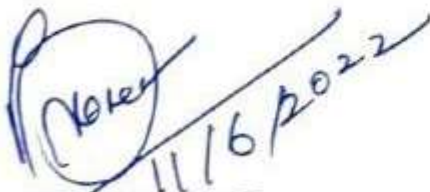


CHAITANYA BHARATHI  
INSTITUTE OF TECHNOLOGY (A)  
Affiliated to Osmania University

## CERTIFICATE

*This is to certify that the thesis entitled "Fabrication and Testing of Multiple Shaped Objects Handling Machine" by the following students is a bonafide record of Project work carried out under my supervision and have not submitted elsewhere for a degree.*

Naveen Vippari. - [160117736090]  
Nitesh Chandra - [160117736092]  
A. Ravi - [160117736097]

  
Dr. B.V.S RAO

Assistant Professor  
Mechanical Engineering  
Department

**ASSISTANT PROFESSOR**  
Department of Mechanical Engineering  
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Gandipet, HYDERABAD-500 075 (T.S.)



Dr. P.V.R Ravindra Reddy

Professor & Head  
Mechanical Engineering  
Department

**PROFESSOR & HEAD**  
Department of Mechanical Engineering  
Chaitanya Bharathi Institute of Technology (A)  
Gandipet, Hyderabad-500 075. Telangana



**CHAITANYA BHARATHI  
INSTITUTE OF TECHNOLOGY (A)**

Kokapet (Village), Gandipet, Hyderabad, Telangana-500075. www.cbri.ac.in



COMMITTED TO  
RESEARCH,  
INNOVATION AND  
EDUCATION

**43**  
years

## CERTIFICATE

This is to certify that the project entitled *“Development of polymer ceramic composites for bio medical applications”* submitted by **Mr. K.Sampath (1601-18-736-092), Mr. K.Suhas Reddy (1601-18-736-102), and, Mr. B.V.Koushik (1601-18-736-107)**, in partial fulfilment for the degree of *“Bachelor of Technology”* in Mechanical Engineering, Osmania University is a bonafide record of work carried under the supervision of **T.N.Aditya, Assistant Professor, Department of Mechanical Engineering , CBIT** and the same has not been submitted to any other university or institute for award of degree or diploma.

### Internal Guide

**Name: T.N.Aditya**

**Signature:**

**Date:** 11/6/22

### Internal Examiner – 1

**Name:** Dr. Aleem Pasha

**Signature:**

**Date:**

### Internal Examiner – 2

**Name:** Dr. Seshagiri Rao

**Signature:**

**Date:**

### External Examiner

**Name:**

**Signature:**

**Date:**


**HOD**

**Name:** Dr. P. V. R. Reddy  
**Signature:**   
**Date:** 11/6/22  
**PROFESSOR & HEAD**  
**Department of Mechanical Engineering**  
**Chaitanya Bharathi Institute of Technology (A)**  
**Gandipet, Hyderabad-500 075, Telangana**

## CERTIFICATE

This is to certify that the thesis entitled "DESIGN AND ANALYSIS OF GYROSCOPE FOR STABILIZING TWO WHEELERS" by the following members in partial fulfillment for the award of the degree of B.E. in **Mechanical Engineering** is a Bonafide record of project work carried out under my supervision. The contents of this report, in full or in parts, had not been submitted to any other Institution or University for the award of any degree.

M. HRITHIKA GOUD	160118736001
PULI PAVITRA	160118736003
M. DINESH CHANDRA GUPTA	160118736014




**Dr.P.Prabhakar Reddy**

Professor

Mechanical Engineering Department

**PROFESSOR**

Department of Mechanical Engineering  
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**Dr.P.V.R Ravindra Reddy**

Professor & Head

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**PROFESSOR & HEAD**

Department of Mechanical Engineering  
Chaitanya Bharathi Institute of Technology (A)  
Gandipet, Hyderabad-500 075. Telangana



## CERTIFICATE

*This is to certify that the thesis entitled "IMPACT AND HARDNESS TESTING OF GLASS-EPOXY REINFORCED WITH NANO CLAY" by the following students is a bonafide record of Project work carried out under my supervision and have not submitted elsewhere for a degree.*

*By*

SHAIK MEHATHA BANU

160118736002

M YAMINI

160118736005

M MANIKANTA CHARY

160118736021

**Dr. P.V.R. Ravindra Reddy**  
**Professor & Head**  
**Mechanical Engineering**  
**Department**

**PROFESSOR & HEAD**  
Department of Mechanical Engineering  
Chaitanya Bharathi Institute of Technology (A)  
Gandipet, Hyderabad-500 075. Telangana

**Smt P Anjani devi**  
**Assistant Professor**  
**Mechanical Engineering**  
**Department**  
**ASSISTANT PROFESSOR**  
Department of Mechanical Engineering  
Chaitanya Bharathi Institute of Technology (A)  
Gandipet, HYDERABAD-500 075 (T.S.)

**Date: 10-06-2022**

**Place: Hyderabad**

## CERTIFICATE

This is to certify that the thesis entitled “*DEVELOPMENT OF VOICE CONTROLLED INMOOV ROBOTIC ARM*” by the following members in partial fulfilment for the award of the degree of B.E. in Mechanical Engineering is a bonafide record of project work carried out under my supervision. The contents of this report, in full or in parts, have not been submitted to any other Institution or University for the award of any degree.

PALLA NISHANT BHANU 160114736032

TERUPALLY SNEHITHA 160118736004

SHAIK CHAND PASHA 160118736304



Project guide

**Smt. Venkata Sushma Chinta**

**Assistant Professor**

**Mechanical Engineering  
Department, CBIT**

**ASSISTANT PROFESSOR**  
Department of Mechanical Engineering  
Chaitanya Bharathi Institute of Technology (A)  
Gandipet, Hyderabad-500 075 (T.S.)  
Date: 10.06.2022

**Place: Hyderabad**



Head of Department

**Dr P.V.R Ravindra Reddy**

**Head of Department**

**Mechanical Engineering  
Department, CBIT**

**PROFESSOR & HEAD**  
Department of Mechanical Engineering  
Chaitanya Bharathi Institute of Technology (A)  
Gandipet, Hyderabad-500 075, Telangana



## CERTIFICATE

This is to certify that the project work entitled “**CFD ANALYSIS ON EJECTOR OF STEAM JET REFRIGERATION SYSTEM**” is a bona-fide work carried out by

1. M. ABDUL HASEEB - 160118736006
2. G. SHIVA SHANKAR - 160118736044
3. V. SUDIPTH REDDY - 160118736050

In the partial fulfilment of the requirement for the award of **Bachelor of Engineering in MECHANICAL Engineering** by the **CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)** affiliated to **OSMANIA UNIVERSITY** during the academic year 2020-21 at the **CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)**, Hyderabad. To the best of our knowledge, the matter embodied in the report has not been submitted to any other University/Institute for the award of any Degree or Diploma.

*T. Ratna Reddy*  
9/16/2022

**Supervisor**

Dr. T. Ratna Reddy

Associate Professor

Department of Mechanical  
Engineering

CBIT, Hyderabad  
**ASSOCIATE PROFESSOR**  
Department of Mechanical Engineering  
Chaitanya Bharathi Institute of Technology (A)  
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*P.V.R. Ravindra Reddy*

**Head of Department**

Dr. P.V.R. Ravindra  
Reddy

Professor and Head

Department of Mechanical  
Engineering

CBIT, Hyderabad  
**PROFESSOR & HEAD**  
Department of Mechanical Engineering  
Chaitanya Bharathi Institute of Technology (A)  
Gandipet, Hyderabad-500 075. Telangana

## CERTIFICATE

This is to certify that the project report entitled "***Design and fabrication of a sustainable steel door with a wooden textured finish***" submitted by the following members in partial fulfillment for the award of the degree of **B.E in Mechanical Engineering** is a bonafide record of project work carried out by them under my supervision. The contents of this report, in full or in parts, have not been submitted to any other Institution or University for the award of any degree or diploma.

**AKARSH REDDY CHEDEPUDI**

**160118736007**


**P MANOJ KUMAR**

**160118736022**

**R NARENDHRA VARMA**

**160118736024**

  
**Dr. Rahul**  
Assistant Professor  
Department of Mechanical Engineering

  
**Dr. P.V.R. Ravindra Reddy**  
Professor & Head  
Department of Mechanical  
Engineering

**ASSISTANT PROFESSOR**  
Department of Mechanical Engineering  
Chaitanya Bharathi Institute of Technology (A)  
Gandipet, HYDERABAD-500 075 (T.S.)

**PROFESSOR & HEAD**  
Department of Mechanical Engineering  
Chaitanya Bharathi Institute of Technology (A)  
Gandipet, Hyderabad-500 075. Telangana


## CERTIFICATE

This is to certify that the project part-1 report entitled “**DESIGN AND FAILURE ANALYSIS OF JUTE FIBRE REINFORCED AXIAL FLOW FAN BLADE**” by the following members in partial fulfilment for the award of the degree of B.E. Mechanical Engineering is a bonafide record of project work carried out under my supervision. The contents of this report, in full or in parts, have not been submitted to any other Institution or University award of any degree.

- |                       |              |
|-----------------------|--------------|
| 1. AMARENDRA PRASAD M | 160118736008 |
| 2. AMER MOHAMMAD      | 160118736009 |
| 3. MANIDEEP MUTHYALA  | 160118736020 |

  
**Project Guide**

**Smt. VENKATA SUSHMA CHINTA**

  
**Head of the department**

**Dr. P.V.R. RAVINDRAREDDY**

Assistant Professor  
**ASSISTANT PROFESSOR**  
Mechanical Engineering Dept.  
Chaitanya Bharathi Institute of Technology (A)  
Gandipet, HYDERABAD-500 075 (T.S.)

Professor & Head  
**PROFESSOR & HEAD**  
Mechanical Engineering Dept.  
Chaitanya Bharathi Institute of Technology (A)  
Gandipet, Hyderabad-500 075. Telangana

Date: 10-06-2022

Place: Hyderabad



## CERTIFICATE

This is to certify that the thesis entitled “**DESIGN AND FABRICATION OF 3D-PRINTED GESTURE CONTROL PROSTHETIC ARM**” by the following members in partial fulfillment for the award of the degree of B.E. Mechanical Engineering is a bonafide record of project work carried out under my supervision. The contents of this report, in full or in parts has not been submitted elsewhere for a degree.

S. ANIRUDH	160116736010
K. PRANAY	160116736027
BIYYALA SAI CHINNU	160116736036



**Dr. P.V.R. Ravindra Reddy,**

Professor & H.O.D

Mechanical Engineering

Department, CBIT.

PROFESSOR & HEAD

Department of Mechanical Engineering  
Chaitanya Bharathi Institute of Technology (A)  
Gandipet, Hyderabad-500 075, Telangana

Date: May 2022

Place: Hyderabad

## CERTIFICATE

This is to certify that the thesis entitled “*DESIGN AND ANALYSIS OF COMPOSITE SHIPPING CONTAINER*” by the following students is a bonafide record of project work carried out under my supervision. The contents of this report, in full or in parts, have not been submitted to any other Institution or University for the award of any degree.


RATHOD ASHISH CHOUDHARY	160118736011
JAYA SAI SASHANK NEELAMRAJU	160118736018
SAI LAXMAN TANUJ VIMMADISETTY	160118736039

  
Project Guide

Prof. P. Ravinder Reddy

**Principal**

**Mechanical Engineering  
Department, CBIT**

  
HOD

Prof. P.V.R. Ravindra Reddy

**Head of Department**

**Mechanical Engineering  
Department, CBIT**

**Date: 10.06.2022**

**Place: Hyderabad**



CHAITANYA BHARATHI  
INSTITUTE OF TECHNOLOGY (A)

Kokapet ( Village), Gandipet, Hyderabad, Telangana-500075. www.cbilac.in



COMMITTED TO  
RESEARCH  
INNOVATION AND  
EDUCATION

43  
years

JUNE 2022

## CERTIFICATE

This is to certify that the project entitled "**Investigation of Impact strength of Hybrid Composites**," submitted by the following members in partial fulfillment for the degree of "Bachelor of Technology in Mechanical engineering, Chaitanya Bharathi Institute of Technology, Hyderabad is a bonafide record of work carried under the supervision of **Smt.Venkata Sushma Chinta**, Asst. Professor, Department of Mechanical engineering, CBIT and has not been submitted to any other university or institute for the award of degree and diploma.

**Project Guide**

**Smt.Venkata Sushma Chinta**

**ASSISTANT PROFESSOR**  
Department of Mechanical Engineering  
Mechanical Engineering Dept  
Chaitanya Bharathi Institute of Technology (A)  
Gandipet, HYDERABAD-500 075 (T.S.)

**Head of the department**

**Dr. P.V.R. Ravindra Reddy**

**Professor & Head, CBIT**

**Mechanical Engineering Dept**

Date:

Place: Hyderabad





**CHAITANYA BHARATHI  
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COMMITTED TO  
RESEARCH  
INNOVATION AND  
EDUCATION

**43**  
years

## CERTIFICATE

This is to certify that the thesis entitled “**DE-ICING OF AEROPLANE WING USING PIEZOELECTRIC MATERIALS**” by the following students is a bonafide record of Project work carried out under my supervision and have not submitted elsewhere for a degree.

JANARDHAN REDDY N	160118736017
ROHITH KUMAR CH	160118736034
VIJAY GANESH K	160118736052

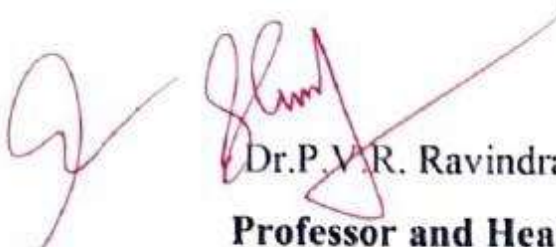
  
Sri.K. Gurubrahmam

**Assistant Professor**

**Mechanical Engineering**

**Department**

**ASSISTANT PROFESSOR**  
Department of Mechanical Engineering  
Chaitanya Bharathi Institute of Technology (A)  
Gandipet, HYDERABAD-500 075 (T.S.)

  
Dr.P.V.R. Ravindra Reddy

**Professor and Head**

**Mechanical Engineering**

**PROFESSOR & HEAD**

**Department**  
Department of Mechanical Engineering  
Chaitanya Bharathi Institute of Technology (A)  
Gandipet, Hyderabad-500 075, Telangana

Date: 10.06.2022

Place: Hyderabad


## CERTIFICATE

*This is to certify that the thesis entitled "Design And Fabrication Of Alpha Stirling Engine" by the following students is a bona fide record of Project work carried out under my supervision and have not submitted elsewhere for a degree.*

KRANTHI SAI R 160118736019

ROHITH REDDY K 160118736035

THARUN A 160118736047

  
09/06/22

**Dr. M.V.S. Murali Krishna**


Professor

Mechanical Engineering

Department

**PROFESSOR**

Department of Mechanical Engineering  
Chaitanya Bharathi Institute of Technology (A)  
Gandipet, HYDERABAD-500 075 (T.S.)



**Dr. P.V.R. Ravindra Reddy**

Professor & Head

Mechanical Engineering

Department

**PROFESSOR & HEAD**

Department of Mechanical Engineering  
Chaitanya Bharathi Institute of Technology (A)  
Gandipet, Hyderabad-500 075, Telangana

**Date:**

**Place:** Hyderabad



## CERTIFICATE

This is to certify that the thesis entitled “**Optimization of Turning Parameters of 15CDV6 Steel Using Taguchi Design Methodology**” by the following students in partial fulfilment for the award of degree of **B.E in Mechanical Engineering** is a Bonafide record of Project work carried out under my supervision and has not been submitted elsewhere for a degree.

- |                             |                     |
|-----------------------------|---------------------|
| <b>1. MIRIYALA MANOJ</b>    | <b>160118736023</b> |
| <b>2. P. PRUDVI RAM</b>     | <b>160118736029</b> |
| <b>3. G. VIRAT VIGHNESH</b> | <b>160118736054</b> |

Project guide

Dr. G. CHANDRAMOHAN REDDY

Professor

Mechanical Engineering Dept.

**PROFESSOR**

Department of Mechanical Engineering  
Chaitanya Bharathi Institute of Technology (A)  
Gandipet, HYDERABAD-500 075 (T.S.)

Date: 10.06.2022

Place: Hyderabad

Dr. P. V. R. RAVINDRA REDDY

Professor & Head

Mechanical Engineering Dept.

**PROFESSOR & HEAD**

Department of Mechanical Engineering  
Chaitanya Bharathi Institute of Technology (A)  
Gandipet, Hyderabad-500 075. Telangana



## CERTIFICATE

This is to certify that the thesis entitled "MODELLING AND ANALYSIS OF LANDING GEAR OF AN AIRCRAFT" by the following members in partial fulfilment for the award of the degree of B.E. in Mechanical Engineering is a Bonafide record of project work carried out under my supervision. The contents of this report, in full or in parts, have not been submitted to any other Institution or University for the award of any degree.

1. J. NIGAMANANDA - 160118736025

2. B. UMESH CHANDRA - 160118736048

3. U. KRISHNA PRASAD - 160118736302

*T.R. Reddy*  
8/16/22

**Dr. T. Ratna Reddy**

**Associate Professor**

**Mechanical Engineering**

**Department**

**ASSOCIATE PROFESSOR**  
Department of Mechanical Engineering  
Chaitanya Bharathi Institute of Technology (A)  
Gandipet, Hyderabad-500 075. Telangana

*P.V.R. Ravindra Reddy*  
8/16/22

**Dr.P.V.R. Ravindra Reddy**

**Professor & Head**

**Mechanical Engineering**

**Department**

**PROFESSOR & HEAD**  
Department of Mechanical Engineering  
Chaitanya Bharathi Institute of Technology (A)  
Gandipet, Hyderabad-500 075. Telangana





## CERTIFICATE

*This is to certify that the thesis entitled "**Development of Exoskeleton arm using actuators**" by the following students is a bonafide record of Project work carried out under my supervision and have not submitted elsewhere for a degree.*

<b>PRANAY SANTOSH KANAPARTHY</b>	<b>160118736028</b>
<b>PURNACHANDHANDAR G</b>	<b>160118736030</b>
<b>SHIVANI KAJAM</b>	<b>160118736306</b>

Dr B V S Rao  
Assitant Professor  
Mechanical Engineering  
Department  
**ASSISTANT PROFESSOR**  
Department of Mechanical Engineering  
Chaitanya Bharathi Institute of Technology (A)  
Gandipet, HYDERABAD- 500 075 (T.S.)

Dr P V R Ravindra Reddy  
Professor & Head  
Mechanical Engineering  
Department  
**PROFESSOR & HEAD**  
Department of Mechanical Engineering  
Chaitanya Bharathi Institute of Technology (A)  
Gandipet, Hyderabad- 500 075 Telangana

**Date:**

**Place: Hyderabad**

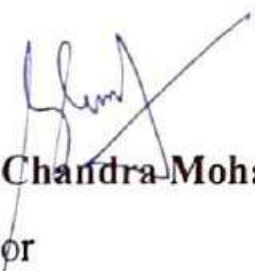
## CERTIFICATE

This is to certify that the Thesis entitled “**Development of fire extinguisher drone**” by the following students is a bonafide record of Project work carried out under my supervision and have not submitted elsewhere for a degree.

RAHUL S. BHILARE - 160118736031

SAI KAMAL REDDY CH. -160118736038

SRIHARSH POLINENI - 160118736045

  
**Dr. G. Chandra Mohan Reddy**

Professor

Mechanical Engineering

Department

**PROFESSOR**

Department of Mechanical Engineering  
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Gandipet, HYDERABAD-500 075 (T.S.)

  
**Dr. P.V.R. Ravindra Reddy**

Professor & Head

Mechanical Engineering

Department

**PROFESSOR & HEAD**

Department of Mechanical Engineering  
Chaitanya Bharathi Institute of Technology (A)  
Gandipet, Hyderabad-500 075. Telangana

## CERTIFICATE

This is to certify that the thesis entitled “*DESIGN MODIFICATION AND ANALYSIS OF TWO-WHEELER COOLING FINS*” by the following students is a bonafide record of project work carried out under my supervision. The contents of this report, in full or in parts, have not been submitted to any other Institution or University for the award of any degree.

ROHAN YALAMANCHILI

160118736032

SAI GANESH GUNDA

160118736037




Project Guide

Dr. Rahul

Assistant Professor

**ASSISTANT PROFESSOR**  
Mechanical Engineering  
Department of Mechanical Engineering  
Department, CBIT  
Chaitanya Bharathi Institute of Technology (A)  
Gandipet, HYDERABAD-500 075 (T.S.)



HOD

Prof. P.V.R. Ravindra Reddy

Head of Department

**PROFESSOR & HEAD**  
Mechanical Engineering  
Department, CBIT  
Chaitanya Bharathi Institute of Technology (A)  
Gandipet, Hyderabad-500 075, Telangana

Date: 10.06.2022

Place: Hyderabad

## CERTIFICATE

**This is to certify that the thesis entitled “MECHANICAL PROPERTY EVALUATION OF MIG WELDED LOW ALLOY STEEL EN24” by the following members in partial fulfilment for the award of the degree of B.E. in Mechanical Engineering is a bonafide record of project work carried out under my supervision. The contents of this report, in full or in parts, have not been submitted to any other Institution or University for the award of any degree.**

1. SAI MANIKANTA A. 160118736040
2. UTTAM KUMAR T. 160118736049
3. VINOD KUMAR K. 160118736053

Project guide

Dr. RAHUL

Assistant Professor

Mechanical Engineering Dept.



Dr. P. V. R. RAVINDRA REDDY

Professor & Head

Mechanical Engineering Dept.

**ASSISTANT PROFESSOR**  
Department of Mechanical Engineering  
Chaitanya Bharathi Institute of Technology (A)  
Gandipet, HYDERABAD-500 075 (T.S.)

**PROFESSOR & HEAD**  
Department of Mechanical Engineering  
Chaitanya Bharathi Institute of Technology (A)  
Gandipet, Hyderabad-500 075. Telangana

## CERTIFICATE

This is to certify that the project entitled "FABRICATION OF VEHICLE EXTERNAL AIRBAG SYSTEM" by the following members in partial fulfillment for the award of the degree of "Bachelor of Technology" in Mechanical Engineering, affiliated to Osmania University in a Bonafede record of work carried under the supervision of Smt.D.S. Madhuri Asst. professor, Department of Mechanical Engineering, CBIT and the same has not been submitted to any other university or institute for award of degree or diploma

SASHREEK REDDY MALLEM                      160118736041

SUMMET MEKALA                                      160118736046



Project Guide

Smt.D.S. Madhuri

ASSISTANT PROFESSOR

**ASSISTANT PROFESSOR**  
 MED. CBIT  
 Department of Mechanical Engineering  
 Chaitanya Bharathi Institute of Technology (A)  
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HOD

DR. P.V.R. Ravindra Reddy

HOD, Professor & HEAD  
**PROFESSOR**  
 Department of Mechanical Engineering  
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CHAITANYA BHARATHI  
INSTITUTE OF TECHNOLOGY (A)  
Kokapet (Village), Gandipet, Hyderabad, Telangana-500075. www.cbit.ac.in



COMMITTED TO  
RESEARCH,  
INNOVATION AND  
EDUCATION  
**43**  
years

## Certificate

This is to certify that the thesis entitled “**PERFORMANCE CHARACTERSTICS OF C.I ENGINE WITH BLENDS OF DIESEL,SUNFLOWER AND NEEM OIL**” by the following members in partial fulfilment for the award of the degree of **B.E. in Mechanical Engineering** is a **bonafide record of project work carried out under my supervision**. The contents of this report, in full or in parts, have not been submitted to any other Institution or University for the award of any degree.

**SHAIK SAYEED** : 160118736042

**MIRZA SHAHZAIN UMER BAIG** : 160118736043

**SYED NAYEEMULLAH HUSSAINI** : 160118736307

  
Dr.P.V.R. Ravindra Reddy

Professor & Head

Mechanical Engineering Department

 PROFESSOR & HEAD  
Department of Mechanical Engineering,  
Chaitanya Bharathi Institute of Technology (A)



## CERTIFICATE

This is to certify that the thesis entitled “**EXPERIMENTAL INVESTIGATION OF PERFORMANCE OF CI ENGINE USING BLENDS OF DIESEL FUEL AND ACETYLENE GAS**” by the following members in partial fulfilment for the award of the degree of **B.E. in Mechanical Engineering** is a **Bonafede** record of project work carried out under my supervision. The contents of this report, in full or in parts, have not been submitted to any other Institution or University for the award of any degree.

1. SUBHASH KASAGONI – 160118736301
2. T. SHIVA GOUD – 160118736303
3. Y. VAMSHI KRISHNA – 160118736305

  
Dr R.P. Chowdary

Associate Professor

Mechanical Engineering

Department

ASSOCIATE PROFESSOR

Department of Mechanical Engineering

Chaitanya Bharathi Institute of Technology (A)

Date: Hyderabad-500 075, Telangana

Place: Hyderabad



Dr.P.V.R. Ravindra Reddy

Professor & Head

Mechanical Engineering

Department


PROFESSOR & HEAD  
Department of Mechanical Engineering  
Chaitanya Bharathi Institute of Technology (A)  
Gandipet, Hyderabad-500 075, Telangana



## CERTIFICATE

This is to certify that the thesis entitled "*Fabrication of 90 degrees Pneumatic Steering System*" by the following Students is a bonafide record of Project work carried out under my supervision and have not submitted elsewhere for a degree.

HEMANTH MALOTHU	160117736021
SAI VENKAT AALA	160117736044
M. VARUN SAI	160117736058

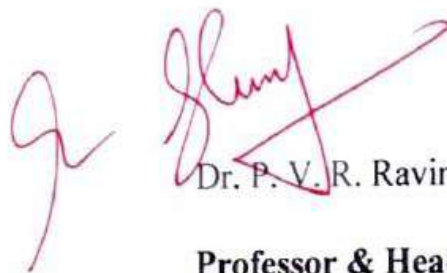
  
Sri. P. Kiran Kumar

Assistant Professor

Mechanical Engineering

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**ASSISTANT PROFESSOR**  
Department of Mechanical Engineering  
Chaitanya Bharathi Institute of Technology (A)  
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Dr. P. V. R. Ravindra Reddy

Professor & Head

Mechanical Engineering

Department

**PROFESSOR & HEAD**  
Department of Mechanical Engineering  
Chaitanya Bharathi Institute of Technology (A)  
Gandipet, Hyderabad-500 075. Telangana

Date : 10/06/2022

Place : Hyderabad





## CERTIFICATE

**This is to certify that the thesis entitled “HVAC SYSTEM DESIGN WITH HEAT RECOVERY” by the following members in partial fulfilment for the award of the degree of B.E. in Mechanical Engineering is a bonafide record of project work carried out under my supervision. The contents of this report, in full or in parts, have not been submitted to any other Institution or University for the award of any degree.**

UMAR FAROOQUE MOHAMMED	160117736055
MOHAMMED SAIFUDDIN	160117736030
SACHITH GOUD SANGAM	160117736038

Project guide

Dr. VAMSI INTURI

Asst. Professor

Mechanical Engineering Dept.

Sign:

Dr. P. V. R. RAVINDRA REDDY

Professor & Head

PROFESSOR & HEAD  
Mechanical Engineering Dept.  
Department of Mechanical Engineering  
Chaitanya Bharathi Institute of Technology (A)  
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INSTITUTE OF TECHNOLOGY (A)

Nokapet (Village), Gandipet, Hyderabad, Telangana 500075 www.cbti.ac.in



43  
years

## CERTIFICATE

*This is to certify that the thesis entitled " Mechanical characteristics of Aluminium Alloy 6061 and Stainless Steel 304 using Friction Stir Welding" by the following Students is a bonafide record of Project work certified out under my supervision and have not submitted elsewhere for the degree.*

G Prashanth	- 160114736035
P ShivaPrasad Reddy	- 160117736047

Smt. V Sandhya Reddy

**Assistant Professor**

**Mechanical Engineering  
Department**

Chaitanya Bharathi Institute of Technology (A)  
Gandipet, HYDERABAD-500 075 (T.S.)

Date: 10-06-2022

Place: Hyderabad

Dr. P. V. R Ravindra Reddy

**Professor & Head**

**Mechanical Engineering  
Department**

Department of Mechanical Engineering  
Chaitanya Bharathi Institute of Technology (A)  
Gandipet, Hyderabad-500 075, Telangana



## CERTIFICATE

This is to certify that the thesis entitled “FABRICATION OF FLOOR CLEANING ROBOT” By the following members in partial fulfilment for the award of the degree of B.E in Industrial Production Engineering is a bona-fide record of project work carried out under My supervision. The contents of this report, in full or in parts, have not been submitted to any other institution or University for the award of any degree.

1. J MOUNIKA (160118738001)
2. K PRUDHVI RAJ SINGH (160118738019)
3. E SAI AMRUTH (160118738022)

SRI V JAIPAL REDDY

Assistant Professor,  
Mechanical Engineering  
Department

DR. P. V. R. Ravindra Reddy  
Professor and Head of Mechanical  
Engineering Department.

Date: 9<sup>th</sup> JUNE 2022

Place: Hyderabad



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Kokapet (Village), Gandipet, Hyderabad, Telangana-500075 www.cbil.ac.in



COMMITTED TO  
RESEARCH,  
INNOVATION AND  
EDUCATION

43  
years

## CERTIFICATE

This is to certify that the thesis entitled **“EFFECT OF WELD PARAMETERS ON MECHANICAL PROPERTIES OF TIG WELDED ALUMINIUM ALLOYS”** by the following members in partial fulfilment for the award of the degree of **B.E in INDUSTRIAL AND PRODUCTION ENGINEERING** is a Bonafide record of project work carried out under my supervision. The contents of this report, in full or in parts, have not been submitted to any other Institution or University for the award of any degree.

V.NIKITA - 160118738002

P. PRATHYUSHA - 160118738003

Mrs. V.Sandhya

Project guide

Mechanical Engineering Department

Dr. P. V. R. RAVINDRA REDDY

Head of Department

Mechanical Engineering Department

PROFESSOR & HEAD  
Department of Mechanical Engineering  
Chaitanya Bharathi Institute of Technology (A)  
Gandipet, Hyderabad-500 075, Telangana



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INSTITUTE OF TECHNOLOGY (CBIT)**  
Kokapet (Village), Gandipet, Hyderabad, Telangana-500075. www.cbit.ac.in



COMMITTED TO  
RESEARCH  
INNOVATION AND  
EDUCATION

**43**  
years

## CERTIFICATE

This is to certify that the thesis **FABRICATION OF SURFACE METAL MATRIX COMPOSITE USING FRICTION STIR PROCESSING ON ALUMINIUM ALLOY 7075** by the following members in partial fulfillment for the award of the degree of **B.E. in Production Engineering** is a bonafide record of project work carried out under my supervision. The contents of this report, in full or in parts, have not been submitted to any other Institution or University for the award of any degree.

BUSANI SAHITHYA (160118738004)

M.SAI SRAVANI (160118738005)

TIRUMALASETTI SHIVANI (160118738007)

**Dr. Md. ALEEM PASHA**

**ASSOCIATE PROFESSOR**

**MECHANICAL ENGINEERING**

**Dr. P.V.R. RAVINDRA REDDY**

**PROFESSOR & HEAD**

**MECHANICAL ENGINEERING**

**Date: 9 June 2022**

**Place: Hyderabad**

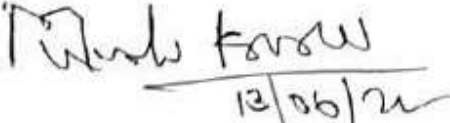
**PROFESSOR & HEAD**

**Department of Mechanical Engineering  
Chaitanya Bharathi Institute of Technology (A)  
Gandipet, Hyderabad-500 075, Telangana**

## CERTIFICATE

This is to certify that the thesis entitled "ANALYSIS OF WIND HYBRID PV TRAINING SYSTEM". By the following members in partial fulfilment for the award of the degree of B.E in Production Engineering is a bonafide record of project work carried out under My supervision. The contents of this report, in full or in parts, have not been submitted to any other institution or university for the award of any degree.

1. HARSHITA.N (160118738008)
2. SANJANA.M (160118738006)

  
12/06/22

Dr.M.V.S.MURALI KRISHNA  
Professor

  
13/6/22

Dr. P. V. R. Ravindra Reddy  
Professor and Head of Mechanical

Engineering Department  
**PROFESSOR & HEAD**  
Department of Mechanical Engineering  
Chaitanya Bharathi Institute of Technology (A)  
Gandipet, Hyderabad-500 075. Telangana

Date : June 2022  
Place : Hyderabad



## CERTIFICATE

This is to certify that the thesis entitled "DESIGN AND FABRICATION OF HOBSON JOINT POWER TRANSMISSION". By the following members in partial fulfillment for the award of the degree of B.E in Production Engineering is a Bonafide record of project work carried out under My supervision. The contents of this report, in full or in parts, have not been submitted to any other institution or university for the award of any degree.

1. K.AKHIL(160118738010)
2. K.JOEL(160118738015)
3. G.HARSHA VARDHAN(160118738014)

**DR. Md. ALEEM PASHA**

**ASSOCIATE PROFESSOR**

**DR.P.V.R. RAVINDRA REDDY**

**PROFESSOR &HOD**

**MECHANICAL ENGINEERING**

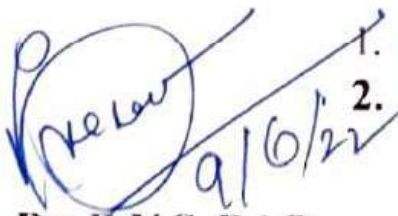
**Date: 09/06/2022**

**Place: Hyderabad**



## CERTIFICATE

This is to certify that the thesis entitled “**MODELLING AND ANALYSIS OF LEAF SPRING MADE WITH COMPOSITE MATERIALS**” by the following members in partial fulfilment for the award of the degree of **B.E in Industrial Production (Mechanical) Engineering** is a bona-fide record of project work carried out under my supervision. The contents of this report, in full or in parts, have not been submitted to any other Institution or University for the award of any degree.

  
9/6/22

1. **D DINESH (160118738012)**

2. **B SRIKANTH (160118738026)**

**Dr. B.V.S. RAO**

Assistant Professor

Mechanical Engineering Department



**Dr. P.V.R Ravindra Reddy**

Professor & Head of

Mechanical Engineering Department

Date: June 2022

Place: Hyderabad.





## CERTIFICATE

This is to certify that the thesis entitled **“Investigating the influence of process parameters on the mechanical properties of friction stir welded joint between AA5083 & AA6061”** By the following members in partial fulfilment for the award of the degree of B.E in Production Engineering is a bona-fide record of project work carried out under My supervision. The contents of this report, in full or in parts, have not been submitted to any other institution or University for the award of any degree.

1. GAURANG RATHI (160118738013)

2. T.SAI NIKHIL (160118738021)

Sri P. Surendar Reddy  
Assistant Professor

DR. P. V. R. Ravindra Reddy,  
Professor and Head of Mechanical  
Engineering Department.

PROFESSOR & HEAD  
Department of Mechanical Engineering  
Chaitanya Bharathi Institute of Technology (A)  
Gandipet, Hyderabad-500 075. Telangana

Date : JUNE 2022

Place : Hyderabad



CHAITANYA BHARATHI  
INSTITUTE OF TECHNOLOGY (A)  
Kokapet (Village), Gandipet, Hyderabad, Telangana-500075 www.cbil.ac.in



COMMITTED TO  
RESEARCH,  
INNOVATION AND  
EDUCATION

**43**  
years

## CERTIFICATE

This is to certify that the thesis entitled “**DESIGN AND ANALYSIS OF HELICAL TUBE IN COIL TYPE HEAT EXCHANGER**” by the following members in partial fulfilment for the award of the degree of **B.E in Production Engineering** is a bona-fide record of project work carried out under my supervision. The contents of this report, in full or in parts, have not been submitted to any other Institution or University for the award of any degree.

1. **B PRAVEEN (160118738018)**
2. **A SHASHI KUMAR (160118738301)**
3. **K NISHANTH (160118738305)**

*T. Ratna Reddy*  
9/6/2022

**Dr. T. RATNA REDDY**

Associate Professor

Mechanical Engineering Department

*P.V.R. Ravindra Reddy*

**Dr. P.V.R Ravindra Reddy**

Professor & Head of

Mechanical Engineering Department

Date: 9<sup>th</sup> June, 2022.

Place: Hyderabad.





## CERTIFICATE

This is to certify that the thesis entitled “**DESIGN AND ANALYSIS OF PASS BOX USED IN CLEANROOMS**”. By the following members in partial fulfillment for the award of the degree of B.E. in Production Engineering is a bonafide record of project work carried out under My supervision. The contents of this report, in full or in parts, have not been submitted to any other institution or university for the award of any degree.

1. **RUSHYANDRA M (160117738039)**
2. **SAPTHAHARSH K (160118738023)**

**Smt N. Jyothirmayi**

Assistant Professor

Department of Mechanical Engineering

**Dr. P. V. R. Ravindra Reddy**

Professor and Head of

Mechanical Engineering Department.

**PROFESSOR & HEAD**  
Department of Mechanical Engineering  
Chaitanya Bharathi Institute of Technology (A)  
Gandipet, Hyderabad-500 075, Telangana

Date: 9<sup>th</sup> JUNE 2022

Place: Hyderabad



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Nakhalpet, Village, Gandipet, Hyderabad, Telangana-500075. www.cbit.ac.in



COMMITTED TO  
RESEARCH  
INNOVATION AND  
EDUCATION

43  
years

## CERTIFICATE

This is to certify that the thesis entitled “**Design and Fabrication of Automated Centre Stand for Two-Wheeler**” By the following members in partial fulfillment for the award of the degree of B.E in Production Engineering is a bona-fide record of project work carried out under My supervision. The contents of this report, in full or in parts, have not been submitted to any other institution or University for the award of any degree.

1. **Mazin Wajid Khan (160118738027)**
2. **Mohammed Imran Qadeer (160118738306)**

Sri P. Surendar Reddy  
Assistant Professor

Dr. P. V. R. Ravindra Reddy  
Professor and Head  
Mechanical Engineering Department.

Date: 09-06-2022

Place: Hyderabad



## CERTIFICATE

This is to certify that the thesis entitled “**DESIGN AND ANALYSIS OF PLASTIC VENDING MACHINE**” by the following members in partial fulfillment for the award of the degree of B.E in Industrial and Production Engineering is a bonafide record of project work carried out under my supervision. The contents of this report, in full or in parts, have not been submitted to any other Institution or University for the award of any degree.

- |                    |              |
|--------------------|--------------|
| 1. P.NAVADHEER SAI | 160118738302 |
| 2. B.AVINASH       | 160118738303 |
| 3. B.HARI BHARATH  | 160117738023 |

Dr.P.V.R.Ravindra Reddy

Professor & head

Mechanical Engineering

PROFESSOR & HEAD  
Department of Mechanical Engineering  
Chaitanya Bharathi Institute of Technology (A)  
Gandipet, Hyderabad-500 075, Telangana

Date: 09 JUNE 2022  
Place: Hyderabad



TM  
CHAITANYA BHARATHI  
INSTITUTE OF TECHNOLOGY (A)  
Affiliated to Osmania University

## CERTIFICATE

This is to certify that the report entitled “**Optimization of process parameters in milling of aluminum alloy**” by the following members in partial fulfillment for the award of the degree of B.E in Mechanical Engineering is a bonafide record of project work carried out under my supervision. In full or in part, the contents of this report have not been submitted to any other Institution or University for the award of any degree.

- |                 |              |
|-----------------|--------------|
| 1) J.DINESH     | 160117738020 |
| 2) K. JAYANTH   | 160117738025 |
| 3) T. RISHIKESH | 160117738036 |

PROFESSOR & HEAD  
Department of Mechanical Engineering  
Chaitanya Bharathi Institute of Technology (A)  
Gandipet, Hyderabad-500 075. Telangana



## CERTIFICATE

*This is to certify that the thesis entitled "**Design and analysis of Solar-Powered Electric Wheelchair**" by the following students is a bonafide record of Project work carried out under my supervision and have not submitted elsewhere for a degree.*

P Kalyan	160117738026
M Rohit Reddy	160117738048
BV Shashank	160117738044

Smt. N. Jyothirmayi  
**Assistant Professor**  
**Mechanical Engineering**  
**Department**

Dr. P.V.R. Ravindra Reddy  
**Professor & Head**  
**Mechanical Engineering**  
**Department**

**Date : 09 JUNE, 2022**  
**Place: Hyderabad**





## CERTIFICATE

*This is to certify that the thesis entitled “Manufacturing of Automatic Entry Gates Using RFID Technology” by the following students is a Bonafide record of Project work carried out under my supervision and have not submitted elsewhere for a degree.*

M. Manichaitanya Reddy	– 160117738028
G. Manvith Reddy	– 160117738029
P. Sourav	– 160117738045

Dr L. Suresh Kumar  
**Assistant Professor**  
**Mechanical Engineering**  
**Department**

Dr P.V.R. Ravindra Reddy  
**Professor and Head**  
**Mechanical Engineering**  
**Department**

**Date: 20-05-2022**

**Place: Hyderabad**



## CERTIFICATE

*This is to certify that the thesis entitled " FABRICATION OF POWER GENERATION THROUGH KNEE " by the following members in partial fulfilment for the award of the degree of B.E. in Production Engineering is a Bonafede record of project work carried out under my supervision. The contents of this report, in full or in parts, have not been submitted to any other Institution or University for the award of any degree.*

- |                     |   |              |
|---------------------|---|--------------|
| 1. Mohammed Idris   | - | 160116738034 |
| 2. Akhilesh Goud    | - | 160116738019 |
| 3. Dasari Venkatesh | - | 160116738055 |

DR. K. Kishor

Project guide

**ASSOCIATE PROFESSOR**  
 Department of Mechanical Engineering  
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Dr. P. V. R. RAVINDRA REDDY

HOD

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Kukatpally (Village), Gandipet, Hyderabad, Telangana-500075. www.cbri.ac.in



COMMITTED TO  
RESEARCH,  
INNOVATION AND  
EDUCATION

**43**  
years

## CERTIFICATE

This is to certify that the thesis entitled "DESIGN, ANALYSIS AND FABRICATION OF MULTI TASKING INDUSTRIAL ROBOT" by the following members in partial fulfilment for the award of the degree of B.E in INDUSTRIAL AND PRODUCTION ENGINEERING is a Bonafide record of project work carried out under my supervision. The contents of this report, in full or in parts, have not been submitted to any other Institution or University for the award of any degree

WAJAHAT ABRAR MOHAMMED - 160114738056

AJAY NAIDU - 160116738016

*Prasad*  
21/06/2022

Mr. P. Radha Krishna Prasad

Project Guide  
**ASSISTANT PROFESSOR**  
Department of Mechanical Engineering  
Chaitanya Bharathi Institute of Technology (A)  
Gandipet, HYDERABAD-500 075 (T.S.)

*Reddy*

Dr. P. V. R. RAVINDRA REDDY

Head of Department

Mechanical Engineering Department  
**PROFESSOR & HEAD**  
Department of Mechanical Engineering  
Chaitanya Bharathi Institute of Technology (A)  
Gandipet, Hyderabad-500 075, Telangana

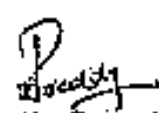


## CERTIFICATE

This is to certify that the dissertation work entitled "DESIGN AND ANALYSIS OF POWDER COMPACTION DIE" is being submitted by SAREDDY SOUMYA REDDY bearing Roll No 1601-20-765-001 in partial fulfillment for the award of the degree of Master of Engineering in Mechanical Engineering with specialization in CAD/CAM during the academic year 2021-2022 in Chaitanya Bharathi Institute of Technology (Autonomous), affiliated to Osmania University, Hyderabad is a record of bonafide work done by her under my supervision. The result embodied in this work is not submitted to any other university or institute for the award of any other degree.

  
Supervisor  
Dr. N. V. SRINIVASULU  
Professor

**PROFESSOR**  
Department of Mechanical Engineering  
Chaitanya Bharathi Institute of Technology (A)  
Gandipet, HYDERABAD-500 075 (T.S.)

  
Head of the Department  
Dr. P. V. R. RAVINDRA REDDY

**PROFESSOR & HEAD**  
Department of Mechanical Engineering  
Chaitanya Bharathi Institute of Technology (A)  
Gandipet, Hyderabad-500 075, Telangana

iii

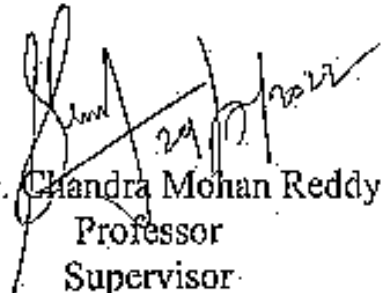
**DEPARTMENT OF MECHANICAL ENGINEERING  
CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY(A)**

**GANDIPET, HYDERABAD – 500075 (TS)**

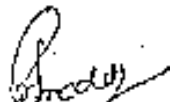


**CERTIFICATE**

This is to certify that the dissertation work entitled “**Optimization of Dimensional Inspection Methodology using Coordinate Measuring Machine**” being submitted by **SHUBHAM D DHANE** bearing Roll No 1601-20-765-002 in partial fulfillment for the award of degree of **Master of Engineering in Mechanical Engineering with specialization in CAD/CAM** during the academic year 2021-2022 in Chaitanya Bharathi Institute of Technology (Autonomous), Hyderabad was carried out under my supervision and that this work was not submitted elsewhere for the award of any other degree.

  
Dr. G. Chandra Mohan Reddy  
Professor  
Supervisor

Mechanical Engineering Department

  
Dr. P.V. R Ravindra Reddy  
Professor and Head

Mechanical Engineering Department

PROFESSOR & HEAD  
Department of Mechanical Engineering  
Chaitanya Bharathi Institute of Technology (A)  
Gandipet, Hyderabad-500 075, Telangana



## CERTIFICATE

This is to certify that the Dissertation entitled "Design And Fabrication of Die-set for Forging of An Aero-foil Compressor Blade" was submitted by Sadige Akhil Prasad, bearing Roll No. 1601-20-765-004 in partial fulfilment for the award of the degree of **Master of Engineering in Mechanical Engineering** with specialization in CAD/CAM during the academic year 2021-2022 in Chaitanya Bharathi Institute of Technology (Autonomous), Hyderabad was carried out under my supervision and that this work was not submitted elsewhere for the award of any other degree.

**Dr. P.V.R Ravindra Reddy**

Professor and Head of Department

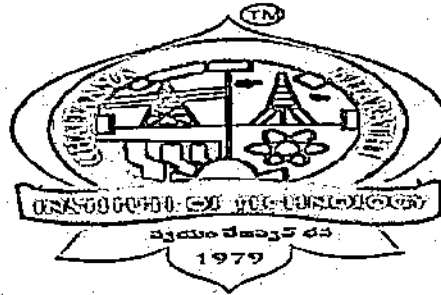
Mechanical Engineering Department  
**PROFESSOR** & **Head of Department**  
 Department of Mechanical Engineering  
 Chaitanya Bharathi Institute of Technology (Autonomous)  
 Gandipet, Hyderabad-500 075, Telangana

**Dr. G. Chandra-Mohan Reddy**

Professor


Mechanical Engineering Department

Department of Mechanical Engineering  
**CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)**  
(Affiliated to Osmania University, Hyderabad)  
Gandipet, Hyderabad-500075




**CERTIFICATE**

This to certify that the dissertation work entitled **“Finite Element Analysis and Optimization of Ceramic Injection Moulding Process Parameters”** submitted by **Mr. MATHAM SANDEEP**, Roll No. **160120765009** in partial fulfilment of the requirement for the award of the degree of **“Masters of Engineering”** in **“CAD/CAM”** is a bonafide work carried out by him during the academic year **2020-2022**. The results embodied in this project report has not been submitted to any other institute or university for the award of any degree.

  
Supervisor

**Dr. G. Chandra Mohan Reddy**  
Professor of Mechanical Engineering  
Chaitanya Bharathi Institute of Technology  
Gandipet, Hyderabad - 500 075 - INDIA.

  
Head of the Department

**PROFESSOR & HEAD**  
Department of Mechanical Engineering  
Chaitanya Bharathi Institute of Technology (A)  
Gandipet, Hyderabad-500 075. Telangana



TM  
**CHAITANYA BHARATHI  
INSTITUTE OF TECHNOLOGY (A)**  
Affiliated to Osmania University

## CERTIFICATE

This is to certify that the dissertation work entitled "**Optimization of Process Parameters for Incremental Forming of Stainless Steel 316L**" being submitted by **KOLURU SAIKIRAN** bearing Roll No **1601-20-765-010** in partial fulfilment for the award of degree of Master of Engineering in **Mechanical Engineering** with specialization in **CAD/CAM** during the academic year **2021-2022** in Chaitanya Bharathi Institute of Technology (Autonomous), Hyderabad was carried out under my supervision and that this work was not submitted elsewhere for the award of any other degree.

**Project guide**

**SRI A. CHANDRAKANTH**  
Asst. Professor  
Mechanical Engineering Dept.  
CBIT  
Gandipet, Hyderabad

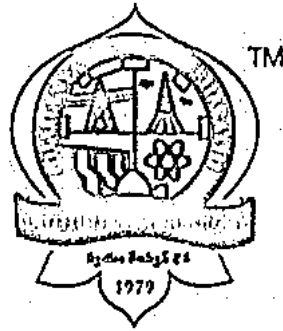
**Head of the department**

**Dr. P. V. R. RAVINDRA REDDY**  
Professor & Head  
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Gandipet, Hyderabad

**ASSISTANT PROFESSOR**  
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**PROFESSOR & HEAD**  
Department of Mechanical Engineering  
Chaitanya Bharathi Institute of Technology (A)  
Gandipet, Hyderabad-500 075, Telangana





## CERTIFICATE

*This is to certify that the major project report entitled "Thermal design of Aerospace structures" by MOHD ANAS KHAN DANISHI (1601-20-745-101) is a bonafide record of major project work carried out under my supervision and has not been submitted elsewhere for a degree*

**Dr P.V.R Ravindra Reddy**

*Professor and Head*

*Mechanical Engineering department*

**PROFESSOR & HEAD**

Department of Mechanical Engineering  
Chaitanya Bharathi Institute of Technology (A)  
Gandipet, Hyderabad-500 075, Telangana

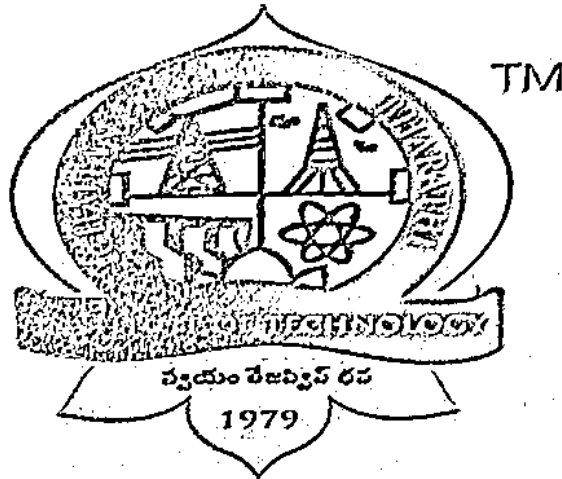
**Dr M.V.S. Murali Krishna**

*Professor*

*Internal guide*

**Dr. M.V.S. Murali Krishna**  
Professor

Department of Mechanical Engineering  
Chaitanya Bharathi Institute of Technology  
Gandipet, Hyderabad-500 075, (T.S.).



**CERTIFICATE**

*This is to certify that the thesis entitled "Design and analysis of shell and tube heat exchanger using PV ELITE with ASME code." by jadhav sunil kumar Roll No. 1601-20-745-102 is a bonafide record of Project Seminar Work carried out under my supervision and has not submitted elsewhere for a degree.*

*P.V.R. Reddy*  
Dr. P.V.R. Ravindra Reddy

Prof & H.O.D,  
Mechanical Engineering  
Department.

Date: .

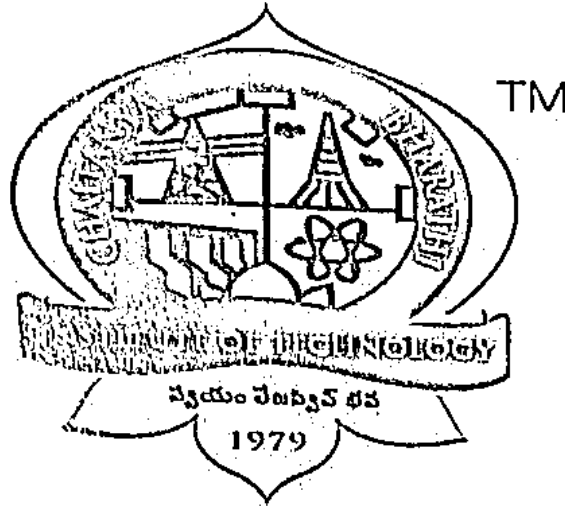
Place: Hyderabad.

**PROFESSOR & HEAD**  
Department of Mechanical Engineering  
Chaitanya Bharathi Institute of Technology (A)  
Gandipet, Hyderabad-500 075, Telangana.

*Ch. Indira Priyadarshini*  
Dr. Ch.INDIRA PRIYADARSINI

Assistant Professor,  
Mechanical Engineering,

Department  
**ASSISTANT PROFESSOR**  
Department of Mechanical Engineering  
Chaitanya Bharathi Institute of Technology (A)  
Gandipet, HYDERABAD-500 075 (T.S.)



**CERTIFICATE**

*This is to certify that the thesis entitled "Design and analysis of pressure vessel using PV ELITE" by Ajmeera charan tej Roll No. 1601-20-745-103 is a bonafide record of Project Seminar Work carried out under my supervision and has not submitted elsewhere for a degree.*

*P. Reddy*  
Dr. P.V.R. Ravindra Reddy

Prof & H.O.D,  
Mechanical Engineering  
Department.

*Ch. Priya*  
Dr. Ch. INDIRA PRIYADARSINI

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Date:

Place: Hyderabad.

**PROFESSOR & HEAD**  
Department of Mechanical Engineering  
Chaitanya Bharathi Institute of Technology (A)  
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## CERTIFICATE

*This is to certify that the Project Report entitled "Control of pollutants of semi-adiabatic engine fueled with CNG and cottonseed biodiesel" by Durgam Jagapathi babu, Roll No. 1601-20-745-104 is a bonfide record of Dissertation Phase Seminar Work carried out under my supervision and has not submitted elsewhere for a degree.*

**Dr. P.V.R. Ravindra Reddy**

Prof & H.O.D.

Mechanical Engineering  
Department

PROFESSOR & HEAD

Department of Mechanical Engineering  
Chaitanya Bharathi Institute of Technology (G)  
Gandipet, Hyderabad-500 075, Telangana

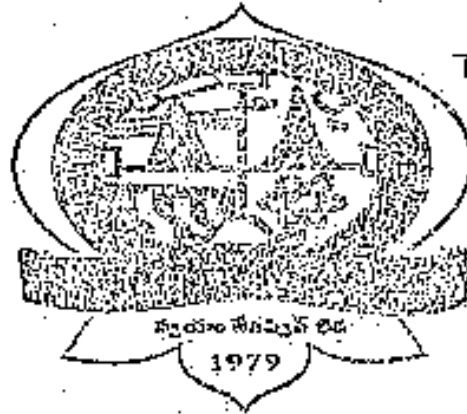
**Dr. M.V.S. Murali Krishna**

Project Guide

Professor of Mechanical  
Engineering Department

**Dr. M.V.S. Murali Krishna**

Professor  
Department of Mechanical Engineering  
Chaitanya Bharathi Institute of Technology  
Gandipet, Hyderabad-500 075, (T.S.).



TM

## CERTIFICATE

This is to certify that the Project Seminar Report entitled "HEAT TRANSFER ENHANCEMENT OF A CORRUGATED HEAT EXCHANGER WITH NEWTONIAN FLUIDS" by Sandhya Rani Roll No: 1601-20-745-105 is a bonfide record of Project Seminar Work carried out under my supervision and has not submitted elsewhere for a degree.

Dr. P.V.R. Ravindra Reddy

Prof & H.O.D,

Mechanical Engineering

Department.

Date: 04-08-2022.

Place: Hyderabad.

PROFESSOR & HEAD  
Department of Mechanical Engineering  
Chaitanya Bharathi Institute of Technology (A)  
Gandipet, Hyderabad-500 075. Telangana

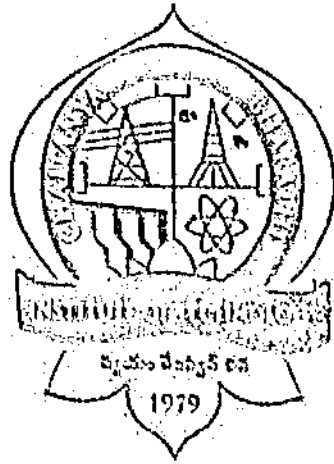
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Department.

Dr. M.V.S. Murali Krishna  
Professor  
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Chaitanya Bharathi Institute of Technology  
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## CERTIFICATE

*This is to certify that the Seminar Report of the dissertation phase entitled "CFD ANALYSIS OF COMBUSTION CHAMBER IN CI ENGINE USING ALTERNATIVE FUELS" by SHRUTHI KAMMARI, Roll No. 1601-20-745-107 is a Bonafide record of Dissertation Phase Seminar Work carried out under my supervision and has not been submitted elsewhere for a degree.*

**Dr. P.V.R. Ravindra Reddy**

Prof & H.O.D Mechanical  
Engineering Department

**Dr. M.V.S. Murali Krishna**

Project Guide

Professor of Mechanical  
Engineering

# **A Report**

On

## **ACADEMIC & INFRASTRUCTURAL RESOURCES IN RURAL SCHOOLS/ MID- DAY MEAL SCHEMES**

Submitted to

Dr.Daman Jeet

Ast.Professor

DEPARTMENT OF COMMUNITY ENGAGEMENT CBIT



SUBMITTED BY GROUP - 1

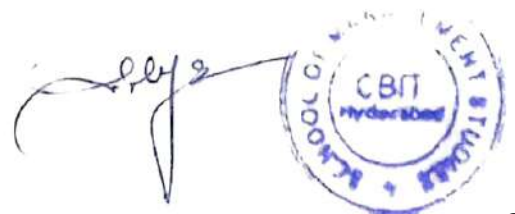
1601-21-736-001

1601-21-736002

1601-21-736-003

1601-21-736-004

1601-21-736-005



FIELD SUEVEY REPORT  
ON

**ANGANWADI**

By

1. Aman Reddy – 160121736011
2. Ananya – 160121736006
3. nimish – 1601217360010
4. ruchitha – 160121736008
5. vaishnavi – 160121736007

Under the Mentorship of

**Dr. Daman Jeet**



**Branch: Department of Mechanical Engineering**

**Submitted to**

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)

(Affiliated to Osmania University) Department of

Mechanical Engineering

**Gandipet, Hyderabad- 500075**

2021 – 2022





A REPORT  
On  
**ACADEMIC & INFRASTRUCTURAL  
RESOURCES IN RURAL SCHOOLS/  
MID-DAY MEAL SCHEMES**

Submitted to  
Dr. Daman Jeet  
Asst. Professor

Department of Community Engagement - CBIT



**SUBMITTED BY GROUP - 4**

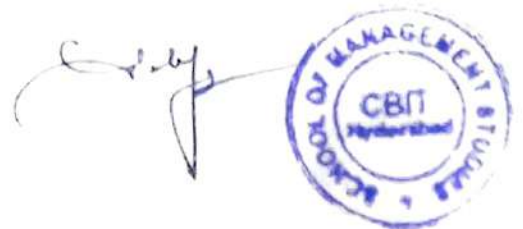
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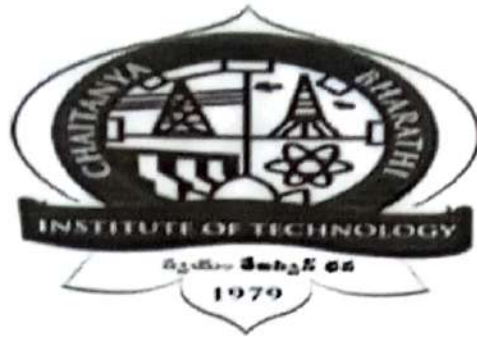
1601-21-736-019

1601-21-736-020

1601-21-736-021

1601-21-736-022





# **A REPORT ON A VISIT TO RURAL CHILDCARE CENTRE**

**SUBMITTED TO  
Dr.Daman Jeet**

**CBIT- School of Management studies**

**REPORTED BY: GROUP 05**

**VASISTHA D  
HARSHAKIRAN M  
TEJAGNI  
EDIDYA**

**160121736023  
160121736024  
160121736025  
160121736026**

**VIKRANTH J**

**160121736027**

**CHAITANYA BHARATHI INSTITUTE OF  
TECHNOLOGY Gandipet, Hyderabad.**





CHAITANYA BHARATHI  
INSTITUTE OF TECHNOLOGY (A)  
Affiliated to Osmania University

## **GROUP ASSIGNMENT IV**

**COURSE TITLE : COMMUNITY ENGAGEMENT (CE)**

**TOPIC : REPORT ON AKSHAYA PATRA**

**GROUP MEMBERS : 160121736028- K.Shiva Kumar**

**160121736029-K.Jashwanth**

**160121736030-k.Vamshi Krishna**

**160121736031-k.Kumar**

**160121736032-Krishna Pandey**

**DEPARTMENT AND SECTION : Mech - 1**



# **COMMUNITY ENGAGEMENT**

FIELD SUEVEY REPORT  
ON

## **SMILE FOUNDATION**

By

1. Lavudya Karthik – 160121736033
2. M. Uday Kumar – 160121736034
3. Madhav Rishi – 160121736035
4. Madishetti Abhishek – 160121736036
5. Manda Sanjay Srivatsav – 160121736037
6. Medavaram Siva Sai Srikar – 160121736038

Under the Mentorship of

**Dr. Daman Jeet**



Branch: Department of Mechanical Engineering

Submitted to

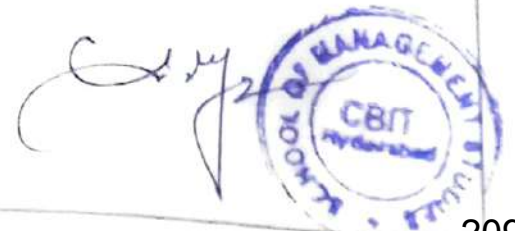
Department of Mechanical Engineering

**CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)**

(Affiliated to Osmania University)

Gandipet, Hyderabad- 500075

2021 – 2022



A REPORT  
ON

# Report on Academic and infrastructural Resources in Rural Schools

Submitted to  
Dr.Daman jeet  
Asst. Professor  
Department of Community Engagement - CBIT



By group-6

- ▶ 160121736046
- ▶ 160121736047
- ▶ 160121736048
- ▶ 160121736049
- ▶ 160121736050

# A Report On

SELF HELP GROUP IN GURRAMPODE, TELANGANA

Submitted to

Asst.Professor Dr. Damn Jeet

Department of Mechnicl Engineering

CBIT



Report Prepared by:

RUKESH - 160121736051  
S. BHARAT RAO-160121736052  
N SAI KOUSHIK 160121736053  
S DINESH 160121736054  
SYED NOAMAN-160121736055

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY

(AUTONOMOUS), GANDIPET, HYDERABAD

2021-2022

*[Handwritten signature]*





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Hubbani (Village), Gandipet, Hyderabad, Telangana-500075 www.cbit.ac.in



COMMITTED TO  
RESEARCH  
INNOVATION AND  
EDUCATION

43  
years

## CERTIFICATE

This is to certify that the Project Report entitled, "**EDUCATION IN RURAL INDIA**" submitted by the following students to Chaitanya Bharathi Institute of Technology, Hyderabad, India, is a record of bonafide Project work carried out by him/her under my/our supervision and guidance

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ARIVILLI NIHARIKA	- 160121736072
SREEJA MADAKA	- 160121736080
PABBU OMSRI	- 160121736082
CHATURYA VEGI	- 160121736083
JAYESH SRINIVAS REDDY Y	- 160121736108
KASULA RAJESH ABHIRAM	- 160121736109
KOTI AKASH ABHAYANKAR	- 160121736110
MUMMAKA BALA SAI SRINANDAN	- 160121736115

SRI S. TULASI RAM

Assistant professor

School of Management Studies

Date



CHAITANYA BHARATHI  
INSTITUTE OF TECHNOLOGY (A)  
Affiliated to Osmania University

# A REPORT ON "TRIBAL LIFE STYLE"

Submitted To

SHIVA TULASI RAM SIR

Department of Mechanical Engineering

Report submitted by: Batch 4

NAME	ROLL NO
B.AKANKSHA	:160121736073
V.BHAVYA	:160121736074
D.JAHNAVI	:160121736075
K.ANUSHA	:160121736076
K.SANIA BHANU	:160121736077
K.PRAVEENYA	:160121736078
K.MAMATHA	:160121736079
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COMMITTED TO  
RESEARCH,  
INNOVATION AND  
EDUCATION

**43**  
years

## CERTIFICATE

This is to certify that the PROJECT, REPORT with the title  
“**AGRICULTURE AND FARMING IN RURAL INDIA**” submitted  
by the following students to Chaitanya Bharathi Institute of  
Technology, Hyderabad, Kokapet, India, is a record of Bonafide  
project work carried out by him/her under the guidance of our  
supervisor.

**NAME**

**ROLL NO**

**A. JAYACHANDRA**

**:160121736084**

**B. DEVESH**

**:160121736093**

**VARSHIT**

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**E. SAI PREETHAM**

**:160121736100**

**SAI RAM**

**:160121736101**

**VEDASHRITH**

**:160121736102**

SRI S. TULASI RAM

Assistant Professor

School of Management of Studies

Date:





TM  
**CHAITANYA BHARATHI**  
**INSTITUTE OF TECHNOLOGY (A)**  
Affiliated to Osmania University

**BATCH NO.3**

<b>ABDULMATEEN MANZOOR AHMED</b>	-	<b>160121736085</b>
<b>A.SURYA KUMAR</b>	-	<b>160121736087</b>
<b>BHUPATHI VAMSHI KRISHNA</b>	-	<b>160121736094</b>
<b>B ANVESH</b>	-	<b>160121736095</b>
<b>D MANOJ</b>	-	<b>160121736097</b>
<b>DEGAVATH SRINIVASULU</b>	-	<b>160121736098</b>
<b>E SHIVAJI GOUD</b>	-	<b>160121736099</b>
<b>LOKESH G</b>	-	<b>160121736103</b>
<b>J.ROHIT</b>	-	<b>160121736097</b>
<b>NENAVATH AKSHIT SHESHU</b>	-	<b>160121736098</b>
<b>S.ABHINAV</b>	-	<b>160121736099</b>
<b>S.AKSHAY</b>	-	<b>160121736103</b>

Mentor Name: Dr. Shanmukarao S, Dr. Srinivas Andoju  
Designation  
Department of Mechanical Engineering

Date: 24/08/2022


# A REPORT ON “BETI BACHAO BETI PADHAO”

Submitted to  
Prof. Shiva Tulasi Ram

Department of Mechanical Engineering  
CBIT



Report Prepared by:

Munek Battula - 160121736116  
Nirmal Akash-160121736119  
I. Ankith-160121736105  
Sameer kashyap-16021736086  
Achyuth-160121736127  
Jayesh-160121736107  
Ankith-160121736123  
Vineeth-160121736114  
Deepak\_160121736128  
Puneeth-160121736088

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (AUTONOMOUS),  
GANDIPET, HYDERABAD

24th August 2022





# INFRASTRUCTURE DEVELOPMENT IN RURAL INDIA

For soft copy: [tinyurl.com/tkrcer](http://tinyurl.com/tkrcer)

## COMMUNITY ENGAGEMENT

SUBMITTED TO MR S.TULASI RAM  
ASSISTANT PROFESSOR  
SCHOOL OF MANAGEMENT STUDIES

1	1601-21-736-089	B HARI RAM REDDY
2	1601-21-736-090	B GEETH
3	1601-21-736-091	B KRISHNA MOURYA
4	1601-21-736-092	B KAUSHIK
5	1601-21-736-104	G RITHWIK
6	1601-21-736-111	LOKESH MANIYAR
7	1601-21-736-112	M RAHUL
8	1601-21-736-117	N NISHANTH
9	1601-21-736-120	O CHARAN SAI
10	1601-21-736-121	P V SRAVAN REDDY
11	1601-21-736-122	K PRANEETH CHARY
12	1601-21-736-124	S NAGA SAI PRANEETH

# COMMUNITY ENGAGEMENT

Report on

## RURAL SCHOOLS

By

1601-21-736-012

1601-21-736-013

1601-21-736-014

1601-21-736-015

1601-21-736-016

1601-21-736-017

Branch: Department of Mechanical Engineering,

Under the mentorship of  
**Dr. Daman Jeet**, Asst. Professor  
School of Management Studies, CBIT



**CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY(A)**

Affiliated to Osmania University

Gandipet, Hyderabad-500075

2021-22


# COMMUNITY ENGAGEMENT

Report on

## RURAL SCHOOLS

By

1601-21-736-039

1601-21-736-040

1601-21-736-041

1601-21-736-043

1601-21-736-044

1601-21-736-045

Branch: Department of Mechanical Engineering,

Under the mentorship of  
**Dr. Daman Jeet**, Asst. Professor  
School of Management Studies, CBIT



**CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY(A)**

Affiliated to Osmania University

Gandipet, Hyderabad-500075

2021-22

# COMMUNITY ENGAGEMENT

Report on

## RURAL EDUCATION SYSTEM IN INDIA

By

1601-21-736-056

1601-21-736-057

1601-21-736-058

1601-21-736-059

1601-21-736-060

1601-21-736-061

Branch: Department of Mechanical Engineering,

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**Dr. Daman Jeet**, Asst. Professor

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**CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY(A)**

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2021-22

