



Estd : 2008

# METHODIST

## COLLEGE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE New Delhi | Affiliated to Osmania University, Hyderabad

Abids, Hyderabad, Telangana, 500001

1.3.3 Percentage of students undertaking field projects / internships (current year data)							
TIMELINE:2018-19							
DEPARTMENTS	Internships(I II YR)	Field Projects(IV YR)	Field visit1(III YR)	Field visit 2(III YR)	TOTAL PARTICIPANTS	STUDENT STRENGTH	BRANCH- WISE PARTICIPATION(%)
CIVIL	74	NIL	95	99	169	440	38
CSE	103	NIL	35	7	138	431	32
ECE	83	10	85	85	178	406	44
EEE	47	5	55	NIL	107	184	58
MECH(UG)	122	90	93	101(IV yr)	305	440	69
MECH(PG)-CAD/CAM	0	3	NIL	NIL	3	36	8
MBA	2	54	20	NIL	76	101	75
TOTAL	431	162	383	191	976	2038	48
FIELD PROJECTS+INTERNSHIPS+FIELD VISITS (%)					47.89		
FIELD PROJECTS+INTERNSHIPS (%)					29.10		
INTERNSHIPS (%)					21.15		

### SUMMARY

- The number of students undertaking field projects in IV yr, Internships in III or IV yr, Field/Industrial Visits in III or IV yr during 2018-19 under 5- Engineering programs & DBM are summarised in above table
- The Percentage of students undergoing Internships is 21% , while Internships+ Field projects is 29% and Internships+ Field projects+ Field visits is 48%
- The supportive documents are herewith attached: 1. Field projects- Students list, Industry permission letters, Project completion certificate ; 2. Internships - Students list, Industry name; 3. Fiels visits - Students list, Permission letter from Industry

Ref.no: RES/CAD-CAE/PTC/2017/24

DATE: 17-04-2017

**CERTIFICATE**

This is to certify that the Major project on "DESIGN AND FATIGUE ANALYSIS OF CHAIN SPROCKET USING FEA" using " NX AND ANSYS" software is being submitted by

N.VENKAT RAGHU 160713736019

A.TENDULKAR 160713736020

B.PRAVEEN KUMAR 160713736034

of Methodist College of Engineering and Technology, Hyderabad, in partial fulfilment for the award of Bachelor of Engineering in the discipline of Mechanical Engineering is a bonafide record work carried out by him during the period of 03-03-2017 to 11-04-2017 under our supervision.

During this period the involvement and commitment of the student towards the project was found to be excellent.



Ramtech Engineering Services

I. PRADEEP REDDY

CEO



Govt. of India  
Ministry of Defence  
DEFENCE RESEARCH & DEV. ORGN.  
DEFENCE RESEARCH & DEV.  
LABORATORY  
PO: KANCHANBAGH  
HYDERABAD – 500 058  
Ph.040-24583151 Fax No.040-24583154

03 APRIL, 2017

### CERTIFICATE

This is to certify that the project work, titled “**MANUFACTURING OF AERODYNAMIC CONTROL SURFACES**” submitted by Students of METHODIST COLLEGE OF ENGINEERING AND TECHNOLOGY, ABIDS, HYDERABAD at Directorate of Engineering (DOE), Defence Research & Development Laboratory.

1. Mr. P.AJAY KUMAR (R.NO 160713736013)
2. Mr. L.KARTHIK (R.NO 160713736014)
3. Mr. L.KALYAN (R.NO 160713736028)

During their project work period from **30.01.2017** to **31.03.2017**, they were found to be sincere & hard working and also took keen interest in the areas allied to his project work.

  
(CH.VENKATESWARLU)  
Sc'E'  
Head Tool Room, DOE  
DRDL



  
(Dr. K RAJENDER RAO),  
Sc'F'  
Director DOHR,  
For DIRECTOR, DRDL

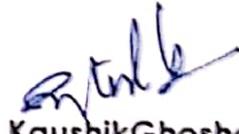


Research & Development Organization (MOD)  
**RESEARCH CENTRE IMARAT**  
HYDERABAD – 500 069  
Phone : 040 – 24306152  
Fax : 040-24306160

## CERTIFICATE OF PROJECT COMPLETION

This is to certify that the project work entitled "**Prediction of inertial properties of an assembled system & validation through testing**" is completed by the following student of **Methodist college of engineering & technology, HYDERABAD** in partial fulfillment of completion of B.E from **Mechanical Engineering** under my guidance and supervision.

1. Ms. P Kruthika Vaishnavi Roll No.160713736083

for   
Kaushik Ghoshal  
Scientist 'E'  
RCI, Hyderabad.

## ADVANCED SYSTEMS LABORATORY

(Govt. of India, Min. of Defence, Defence R&D Organisation)

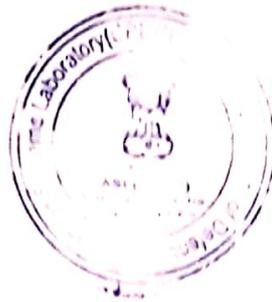
**Dr. K. RAMASWAMY**  
**Scientist-F**



DIRECTORATE OF CPDC  
VIGYAN KANCHIA P.O  
HYDERABAD - 500 069  
Phone No. (040) 24309212  
Fax No. (040) 24309203

### CERTIFICATE

This is to certify that the project entitled "Design, Manufacturing and Testing of Composite Tube for Aerospace Applications" carried out by **Sardar Charanpreet Singh (160712736019)**, **Sirigadde Rohith Nagarguna (160712736020)**, **P S Hemanth Kumar (160712736041)** in this Department of Mechanical Engineering, Methodist College of Engineering and Technology, Abids, Hyderabad affillated to OSMANIA UNIVERSITY during 2015-2016 partial fulfillment for the award of degree in Mechanical Engineering .



*(Handwritten signature)*  
(K. Ramaswamy) 02/05/16

के रामा स्वामी / K. RAMASWAMY  
वैज्ञानिक / Scientist  
उन्नत प्रणाली प्रयोगशाला / Advanced Systems Laboratory  
डी आर डी ओ, रक्षा मंत्रालय / Min. of Defence  
हैदराबाद / Hyderabad-500 050

भारत हेवी इलेक्ट्रिकल्स लिमिटेड  
Bharat Heavy Electricals Limited



कारपोरेट अनुसंधान और विकास प्रभाग, विकासनगर, हैदराबाद - 500 093, भारत  
Corporate Research & Development Division, Vikasnagar, Hyderabad - 500 093, (A.P.) INDIA.

फोन / Phone: 040 - 23770066, फेक्स / Fax: 040 - 23776320, ई-मेल / E-mail: hrd@bhelrnd.co.in  
मानव संसाधन विकास एवं उन्नत प्रौद्योगिकी शिक्षा केंद्र / HUMAN RESOURE DEVELOPMENT & ADVANCED TECHNICAL EDUCATION CENTRE



Date: 29-03-2014

This is to certify that the Project work titled "Integration of Solar Plant with 500MW Thermal Power Plant" is a record of bonafide work carried out in "Power Plant Dynamics & Simulation" (PDS) Lab during the period from 02-01-2014 to 01-04-2014.

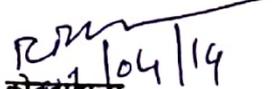
Mr. V. Abhishek  
Ms. M. Swathi

Roll. No. 160710736056  
Roll. No. 160710736027

Student of Fourth Year B.E of "Methodist College of Engineering & Technology, affiliated to (OU)", for the Academic Year 2013-14 in partial fulfillment for the Award of Degree of Bachelors of Technology with specialization in "Mechanical Engineering".

  
Head, HRD & ATEC  
एस.के. पाटी / S.K. PADHEE  
अपर महाप्रबंधक (एच.आर.डी. एवं.ए.टी.ई.)  
Addl. General Manager (HRD & ATE)  
वी.एच.ई.एन., अनु.एवं.वि / BHEL, R & D  
विकासनगर, / VIKASNAGAR,  
हैदराबाद / HYDERABAD-500 093.

एम.आर. प्रभाकर / M.R. PRABHAKAR  
अपर महाप्रबंधक (पी.डी.एस.)  
ADDL. GENERAL MANAGER (PDS)  
वी.एच.ई.एन., अनु.एवं.वि / BHEL, R & D  
विकासनगर, / VIKASNAGAR,  
हैदराबाद / HYDERABAD - 500 093  
LM/GH

  
डॉ. राशेश कोटदावाला  
Dr. RASESH KOTDAWALA  
वरिष्ठ अभियंता (पी.डी.एस.)  
Sr. Engineer (PDS) Guide  
वी.एच.ई.एन., अनु.एवं.वि / BHEL, R & D,  
विकासनगर / VIKASNAGAR  
हैदराबाद / HYDER. BAD-500 093.

Internal Guide copy



# BHARAT DYNAMICS LIMITED

## CERTIFICATE

This is to certify that the project titled “MANUFACTURING OF A CRITICAL COMPONENT ON CNC TURNMILL CENTER-LONG SHELL” is being submitted by the following students in partial fulfilment of the requirement for the award of the degree of Bachelor of Engineering in Mechanical Engineering from Methodist College Of Engineering and Technology, Abids, Hyderabad, Andhra Pradesh, is record of bonafide work carried out during March 2014.

Name	Roll no.
B. Pranav Gowtham	160710736006
Y. Nitesh Krishna	160710736014
G.R. Swaraj	160710736016

**Prof. Veer Raju**  
HOD-Mechanical Department  
Methodist College of Engg. And Tech.

  
**GVS RAGHAVA**  
Sr. Manager (CNC MILAN)  
G. V. S. Raghava  
वरिष्ठ मॅनेजर (सी.पी.) मिलान  
Senior Manager - I (CNC) Milaan  
External Guide



**DLRL**  
**ISO: 9001:2008**  
**Human Resource Development**



NO: DLRL / HRD / 150742 / 10 / 2013-14  
Government of India, Ministry of Defence  
Defence Research & Development Orgn.  
Defence Electronics Research Laboratory  
Chandrayangutta, Hyderabad- 500005

Dated: 15/4/2014

## CERTIFICATE

This is to certify that Y.CHANDRA SHEKAR REDDY, M.KRISHNA CHAITANYA and P.YASHWANTH KUMAR of B.E IV Year METHODIST COLLEGE OF ENGINEERING TECH, HYDERABAD have undergone PROJECT Training program in Defence Electronics Research Laboratory, Hyderabad-05 from 06<sup>th</sup> Jan to 10<sup>th</sup> April 2014. The Training Program was on "DESIGN AND SIMULATION OF HEAT SINK FOR COOLING" and they have completed the assigned task satisfactorily.



(Dr. P. RAJENDRAN)

Sc-'E'

Guide

DLRL, Hyderabad



(Mr. CVH. PRASAD)

Sc-'F'

Group Director

DLRL, Hyderabad



(V. Rama Sankaram)

Sc-'F'

Chairman, HRDC

DLRL, Hyderabad

Head, MEW





Govt. of India

Ministry of Defence

DEFENCE RESEARCH & DEV. ORGN.

DEFENCE RESEARCH & DEV. LABORATORY

PO: KANCHANBAGH, HYDERABAD – 500 058

NO.DRDL/DOMS/HRDD/672

DT: 7<sup>th</sup> April 2014

### CERTIFICATE

This is to certify that the project titled "MANUFACTURING OF THIN WALL SHELL COMPONENT" by Ms. C. Sreedevi Suryapriya (160710736010) and Ms. K. Sri Harika (160710736022) in fulfillment of their requirement for the award of degree of Bachelor of Engineering in Mechanical Engineering from "Methodist College of Engineering and Technology", Abids, Hyderabad affiliated to OSMANIA UNIVERSITY, Hyderabad is a bonfide work carried out by them at "Directorate Of Engineering-Defence Research And Development Laboratory" from January 6<sup>th</sup> 2014 to March 31<sup>st</sup> 2014 under my supervision and guidance.

*Ashish*

ASHISH TEWARI  
SCIENTIST "D",  
DOE, DRDL



*Nuru*

NURUDDIN AHMED  
TECHNICAL OFFICER "C"  
HRDD, DRDL



सीएसआईआर-भारतीय रासायनिक प्रौद्योगिकी संस्थान  
CSIR-Indian Institute of Chemical Technology

तारनाका/Tarnaka, हैदराबाद/Hyderabad - 500 007, भारत/INDIA



Dr. M. Radhakrishna  
Chief Scientist & Head  
Design & Engineering Division

डॉ. एम. राधाकृष्ण  
मुख्य वैज्ञानिक एवं अध्यक्ष  
डिज़ाइन एवं अभियांत्रिकी प्रभाग

CERTIFICATE

This is to certify that Kotamarthi Lakshmi Maanasa (Roll No.160710736024) has successfully completed the project work entitled "Study of Sloshing in fluid filled static and mobile tank systems" under my guidance during the period from January- April 2014 in partial fulfilment for the award of Bachelor of Engineering in Mechanical engineering from Methodist College of Engineering and Technology, Abids, Hyderabad.

(M. RADHAKRISHNA)  
Head, Design & Engineering Division  
डॉ. एम. राधाकृष्ण  
Dr. M. Radhakrishna  
मुख्य वैज्ञानिक / Chief Scientist  
Head, Design & Engineering Division  
सीएसआईआर-भारतीय रासायनिक प्रौद्योगिकी संस्थान  
CSIR-Indian Institute of Chemical Technology  
तारनाका, हैदराबाद, भारत / Tarnaka, Hyderabad - 500 007, India



भारत सरकार  
GOVERNMENT OF INDIA

परमाणु ऊर्जा विभाग  
DEPARTMENT OF ATOMIC ENERGY



नाभिकीय इंधन सम्मिश्र  NUCLEAR FUEL COMPLEX

An ISO 9001:2008, 14001:2004 & OHSAS 18001:2007 Organisation

HUMAN RESOURCE DEVELOPMENT DIVISION

CERTIFICATE

This is to certify that *Mr. / Ms.* Priyadarshini Battu, Pranitha Darshanala & Sravani Pandhugula

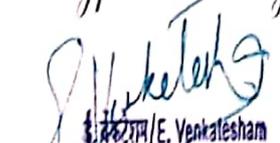
a student of Methodist College of Engineering and Technology

Subject B.E. (Mechanical). has completed Training / Project Work in this

organisation from 15.01.2014 to 14.02.2014 on the topic Manufacturing of

Kingpin and Bush Bearing in Forklift and his / her conduct during the

training period has been good.

  
E. Venkatesham  
अधीक्षक (एचआरडी एवं पुस्तकालय)  
Officer-In-Charge

(HRD & LIS)

(HRD & Library)

Date : 11.04.14 Hyderabad - 500 062

  
H. R. Ravindra  
11-4-14

एच.आर.डी.डी. अधीक्षक/एच.आर.डी.डी. अधीक्षक  
Deputy General Manager  
(Control Laboratory, एच.आर.डी.डी.)  
Deputy General Manager  
(Control Laboratory) Government of India  
परमाणु ऊर्जा विभाग (Department of Atomic Energy)  
(Control Lab - HRD & Library)  
नाभिकीय इंधन सम्मिश्र  
Hyderabad-500062.



CENTRE FOR PROTOTYPING AND TESTING OF  
INDUSTRIAL PRODUCTS (CPTIP)

Department of Mechanical Engineering

University College of Engineering

Osmania University, Hyderabad-500 007

---

**CERTIFICATE**

**TO WHOM SO EVER IT MAY CONCERN**

*This is to certify that P.NAGA RUTHVIK (160709736016), GOUDA SRINIVAS (160709736030), SAKALI ANIL (160709736003) of METHODIST COLLEGE OF ENGINEERING AND TECHNOLOGY King Koti Road, Abids, Hyderabad, has successfully undertaken and completed the project work entitled "DESIGN AND RAPID PROTOTYPING OF AIR BUSHING BEARING" Under the guidance of Dr. Sriram Venkatesh, Head of the Department, Professor and Director, Centre for Prototyping and Testing of Industrial Products (CPTIP). Department of Mechanical Engineering, University College of Engineering, Osmania University during the academic year 2012-2013.*

*During the course of his training, he was found regular, sincere and hard working. I wish him all the best for his future endeavours.*

