



# **BHARAT**


## **INSTITUTE OF ENGINEERING AND TECHNOLOGY**

NAAC Accredited, NBA Accredited for UG Programmes: CSE, ECE  
Approved by AICTE, New Delhi, Affiliated to JNTUH

### 3.5.1 Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship per year.

S.No	Name of the Organisation	No. of Activities	Nature of Activity
1.	Research Center Imarat , DRDO	01	Research Project
2.	Telangana Academy for Skill & Knowledge	01	Internship
3	Nuclear Fuel Complex, Department of Atomic Energy	01	Research Project
4	Bharat Dymanics Ltd	01	Research Project
5	Bharat Heavy Electricals Ltd.	01	Internship
6	Central Institute of Tool Design	02	Research Project
7	CoCubes Technologies Pvt. Ltd	02	Internship
	<b>Total Activities</b>	<b>09</b>	



  
Principal  
Bharat Institute of Engg. and Tech  
Mangalpally(V), Ibrahimpatnam(M)  
Ranga Reddy (Dist)-Telangana-501510

# BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, Accredited by NAAC and Accredited by NBA : UG Programmes - CSE, ECE, EEE & Mechanical  
Recognised by the Govt. of T.S. and Affiliated to JNTU/H, Hyderabad.)

Sponsored by : CHINTA REDDY MADHUSUDHAN REDDY EDUCATIONAL SOCIETY

Mangalpally (Village), Ibrahimpatnam (Mandal), Ranga Reddy District - 501 510, Telangana. Tel : 08414 - 252399

Ref.:

BIET/2014

Date: 22/05/2014

To;  
The Manager  
DRDO(RCI)  
Hyderabad

**Subject: Request for Consent of Student Project Work in the esteemed organization.**

Dear Sir,

I hope this letter finds you in good health and high spirits. I am writing on behalf of Bharat Institute of Engineering & Technology to request your esteemed organization's support in providing our students with an opportunity to undertake project work under your guidance.

As part of our academic curriculum, our students are required to gain hands-on experience through industry-oriented projects that enhance their practical knowledge and prepare them for professional challenges. We believe that your organization, being a leader in relevant industry or domain, would provide an excellent platform for our students to apply their theoretical learning to real-world scenarios.

We would be grateful if you could accommodate a group of our students for project/internship work for around 3 or 4 months. We assure you that our students are highly motivated and eager to contribute meaningfully under the supervision of your experts. Additionally, we are open to discussing specific project requirements and any other formalities necessary for a smooth collaboration.

We look forward to a positive response and a fruitful association with your organization. Please let us know a convenient time for further discussions on this matter.

Thank you for your time and consideration.

Yours sincerely,



Principal  
BIET Principal  
Bharat Institute of Engg. and Tech  
Mangalpally(V), Ibrahimpatnam(M)  
Ranga Reddy (Dist)-Telangana-501510





भारतीय गैर न्यायिक

एक सौ रुपये

Rs. 100

रु. 100



सत्यमेव जयते

ONE  
HUNDRED RUPEES

भारत INDIA  
INDIA NON JUDICIAL

आन्ध्र प्रदेश ANDHRA PRADESH

Date: 06-12-2007 Serial No: 5,075

Denomination: 100

B 144 31

Purchased By :

T. KISHAN  
S/O LATE T. BALAJEE  
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For Whom :

CHAIRMAN IDST, C/O DLRL, HYD.

MEMORANDUM OF UNDERSTANDING

Between

INSTITUTE OF DEFENCE SCIENTISTS & TECHNOLOGISTS C/O, DLRL,  
CGLINES, HYDERABAD- 500005 (hereinafter called IDST).

and

BHARAT INSTITUTE OF ENGINEERING TECHNOLOGY, MANGALPALLY,  
IBRAHIMPATNAM, R.R.DIST - 501 510 (hereinafter called B.I.E.T)

1. PREAMBLE

Where as IDST is a society of Retired Defence Scientists (Regd No.S/4 5222 of 2003 registered at New Delhi) formed to extend support to DRDO organization on the ongoing scientific and technical projects. It is formed to tap the vast experience and knowledge acquired by the scientists during the course of their service.

Where as B.I.E.T is an accredited engineering institution by NBA, New Delhi engaged in imparting quality education to B.Tech and M.Tech students possessing excellent facilities for Research. B.I.E.T also has experienced faculty well versed in R&D activities.

Where as IDST described the scope of work to BIET and BIET has agreed for the bilateral co-operation for the said research work.

R102

M. J.

1



## 2.SCOPE OF MOU

IDST and B.I.E.T proposed bilateral co-operation in carrying out research work by undertaking a research project sanctioned to IDST by a DRDO Lab. The project envisages investigation on TIME and FREQUENCY DIFFERENCE OF ARRIVAL BASED GEO LOCATION TECHNIQUE FOR COMMUNICATION SIGNAL EMITTERS. The work involves mainly simulation and modeling using software like MATLAB,C,C++ etc.

Details of work and division of responsibilities are given in Annexure to this M.O.U.

## 3.DURATION OF THE PROJECT

The duration of the project is one year starting from the date of signing this MOU. The project PDC is 1<sup>st</sup> Feb 2009.

## 4.OPERATION AND EXECUTION OF PROJECT

Sri. G. Nagendra Rao, Retd. Scientist and Former Head of Communication Directorate at Defence Electronics Research Laboratory (DLRL) is the representative of the Institute of Defence Scientists and Technologists for execution of this project.

Prof. G. Kumaraswamy Rao and his team will represent B.I.E.T and responsible for the execution of the work.

## 5.FINANCIAL ARRANGEMENT

An amount of Rs. 2,50,000 (Rupees two lakhs fifty thousand only) towards technical services for this project will be paid to B.I.E.T by IDST in four installments with the payment terms as given below. The release of payments (ii), (iii), (iv) are subject to acceptance by IDST.

- (i) 25 % Advance within two months of signing MOU
- (ii) 30 % After completion of first stage viz., Time & Frequency Difference of arrival algorithm, processing
- (iii) 30 % After completion of second stage viz., Location Fix algorithm, processing
- (iv) 15 % After completion of third stage viz., conclusion of the project

The problems of financing during the project should be solved upon mutual agreement.

RIDC

127



## 6. RESPONSIBILITIES

Scope, division of work and responsibilities are included in annexure to this MOU.

Incase of representatives of IDST and B.I.E.T leave the organization, the Head of IDST and B.I.E.T can nominate the successors, on mutual consent.

Incase B.I.E.T desires to publish a part or full work in national/foreign journal, it should seek permission from DLRL through IDST. If objection is not received by B.I.E.T within 60 days of the request, B.I.E.T is free to publish the work.

The right to terminate the project will rest with both parties on mutual consent

## 7. ARBITRATION

All disputes arising out during the execution of this contract will be solved by mutual agreement. In case the disputes are not resolved the decision of the Chairman, IDST, Hyderabad branch will be final.

In witness whereof, IDST and B.I.E.T has executed this MOU as of the day and year set forth below.

Agreed by  
B.I.E.T

Principal B.I.E.T  
Mangalpally,  
Ibrahimpattam  
R.R. Dist - 501 510  
Date: 13-2-08

Witnesses:

- 1) G. Anandraswamy Rao 13-2-08
- 2) G. Rammohana Reddy 13-2-08

Agreed by  
IDST

Chairman IDST  
DLRL Campus, C G Lines  
Hyderabad -500 005

Date: 13.2.08

Witnesses:

- 1) [Signature]
- 2) [Signature]





**Institute of Defence Scientists & Technologists**  
(Reg at New Delhi Under Societies Act XXI of 1860-Reg. No. S/4 5222 of 2003)

**Hyderabad Branch**

DLRL Campus, Chandrayanagutta,  
Hyderabad – 500 005

Telefax: 040 – 24440375

E-mail: idst\_hyd2008@yahoo.co.in

Date : 05 Nov, 2015

**PATRON**

SA to RM & DG (R&D)  
DRDO

**PRESIDENT**

Sri A.K. Chakrabarti  
☎ (040) 29802430 (R)  
☎ 9849164521 (M)

**HYDERABAD BRANCH**

**CHAIRMAN**

Dr Harihar Singh  
☎ (040) 24441310 (O)  
☎ 9949032250 (M)

**VICE-CHAIRMAN**

Dr R.C. Mathur  
☎ (040) 24440375 (O)  
☎ 9441426510 (M)

*harihar2002@yahoo.com*

To

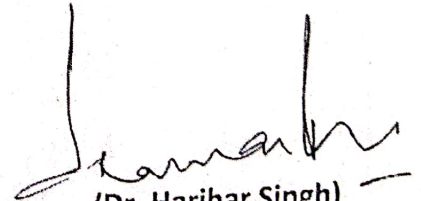
Prof G.Kumaraswamy Rao  
BIET, R.R. District  
HYDERABAD

Sir,

This has reference to the "Radar EW" course conducted recently by IDST(H) at BEL, Hyderabad premises. I wish to convey my deep gratefulness to you for the following expert lectures delivered by you at M/s Bharat Electronics Limited, Nacharam, Hyderabad. These talks were very well received by the course participants.

- i. Concepts of Radars & LPI Capabilities, Part I & II, on 09<sup>th</sup> Oct' 2015.
- ii. LPI Radar Vs ES Interceptor, on 17<sup>th</sup> Oct' 2015.

I would be seeking your continued support and guidance in future also for such endours.

  
(Dr. Harihar Singh)  
Chairman, IDST(H)



**Institute of Defence Scientists & Technologists**  
(Reg at New Delhi Under Societies Act XXI of 1860-Reg. No. S/4 5222 of 2003)

**Hyderabad Branch**

DLRL Campus, Chandrayanagutta,

Hyderabad - 500 005

Telefax: 040 - 24440375

E-mail: idst\_hyd



2008@yahoo.co.in

Our ref No. IDST/HYD/Proj/09-10

Hyderabad  
13<sup>th</sup> Apr 2009

**PATRON**

Sri. M.Natarajan.

SA to RM & DG (R&D)

DRDO

**PRESIDENT**

Shri K.Srinivasa

☎ (080) 26636326 (R)

☎ 09972183900 (M)

**HYDERABAD BRANCH**

**CHAIRMAN**

Dr. R.L.Saha

☎ (040) 24441310 (O)

☎ (040) 24341346 (R)

☎ 9490173248 (M)

**VICE-CHAIRMAN**

Smt Ramamani S.Sundaram

☎ (040) 24078503 (R)

☎ 40369373 (M)

☎ (040) 24440882 (O)

**TREASURER**

K. Mallikarjuna Rao

☎ (040) 24440882 (O)

☎ (040) 24345118 (R)

☎ 9849545118 (M)

**SECRETARY**

Cdr (Retd) V.D.Velalkar

☎ (040) 24440375 (O)

☎ (040) 27031559 (R)

☎ 9490808207 (M)

**SUB: GUIDANCE & SUPERVISION OF B. Tech. PROJECTS FOR FINAL YEAR  
ENGINEERING STUDENTS**

Dear Prof. Kumaraswamy Rao,

You will be happy to note that IDST Central Council has given its consent to our proposal to extend IDST to services to guide and supervise final year engineering students for projects for the award of B. Tech. Degree. This will facilitate IDST to contribute towards an important facet of engineering education in the country. This will also provide us an opportunity to fulfill a long felt need to highlight DRDO activities and achievements to young engineering graduates and involve many retired scientists (IDST members) into its enclosed main stream activities of IDST. A copy of guidelines for the purpose.

IDST Hyderabad will be approaching various engineering colleges to forward their requirements in respect of projects for final year engineering students for the academic year 2009-2010. IDST in consultation with engineering colleges will work out details regarding disciplines/areas/topics for the project works, number of students they would like to sponsor etc. In light above I request you to give your willingness before 15<sup>th</sup> May 2009 to undertake above task and provide the updated Bio-data as per the format enclosed. This will help us in creating a pool of scientists for the task before we approach engineering colleges.

I request for your cooperation and active participation to contribute towards quality engineering education in the country. I sincerely hope that you would accord priority for the same.

With warm regards

Encl: 1. Guidelines for IDST

2. Proforma for updated biodata

Yours sincerely

*R.L.Saha*  
(Dr R.L.Saha)

Chairman

To

Sri	G.KUMARASWAMY RAO 9-8-15, Maruthinagar Colony, Opp. New Santoshnagar Colony, Hyderabad-500059 e-mail: rao_gksdlrldrdo@yahoo.co.in
-----	-----------------------------------------------------------------------------------------------------------------------------------------------



# DIRECTORATE OF ENTEST



NO. RC/ENEST/77  
Government of India,  
Ministry of Defence  
R & D Organisation  
RESEARCH CENTRE IMARAT  
Vijayalakshmi P.O.  
HYDERABAD- 500 069  
Phone : 040-2430 6230/6366

FAX : 040-2430 6261

Date : 16<sup>th</sup> April 2015

## CERTIFICATE

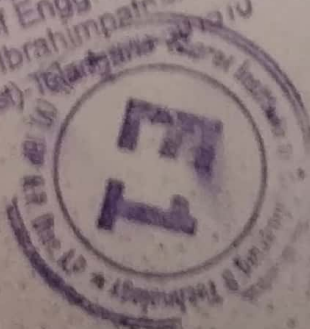
This is to certify that Ms. LAHALIA (Roll No. 11E11A0362), Ms. T SUSHMA (Roll No. 11E11A0398) and Ms. P SUSHMITHA (Roll No. 11E11A0399), B-Tech (Mechanical), (4<sup>th</sup> Year) students of Bharat Institute of Engineering and Technology, Hyderabad has successfully completed their major project work on "PRELIMINARY DESIGN AND ANALYSIS OF A MOUNTING LUG" from 01<sup>st</sup> Feb 2015 to 31<sup>st</sup> March 2015 at Directorate of Environmental Testing (ENTEST), Research Centre Imarat (RCI), DRDO, Hyderabad under the guidance of Shri P ANIL KUMAR, Sc 'E' and Shri N MALLI KARJUN NAIK, Sc 'C'. They had been found to have an excellent grasp on engineering fundamentals and their analytical approach in understanding the problems has been found to be outstanding.

We wish them all the success in their career.

N. MALLIKARJUN NAIK)  
Scientist 'C'  
ENTEST

P. ANIL KUMAR)  
Scientist 'E'  
ENTEST

Principal  
Bharat Institute of Engg. and Tech  
Mangalpally(V), Ibrahimpatnam(M)  
Ranga Reddy (Dist)-Telangana-501010



(T. NARSIMHARAO)  
Scientist 'G'  
DIRECTOR ENTEST

डा. नरसिंहराव शर्मा/TATA NARSIMHARAO  
सहायक निदेशक 'G'  
भारतीय रक्षा अनुसंधान एवं विकास संगठन  
DRDO, Research Centre Imarat  
Hyderabad-500069



24/06/2015

Ref:BIET Star TASK Renewal/2015-16

To,

The Director,  
Telangana Academy for skill and Knowledge,  
Ashoka Raghupathi Chambers,  
Begumpet,  
Secunderabad-500016

Dear Sir,

Sub: Renewal for Star TASK College for the year 2015-16-Reg.  
Ref: College Code: E1 BIET

This has reference with above cited subject, we are herewith submitting the renewal for "Star TASK College" B. Tech Course through DD for Rs. 15,000(Rupees Fifteen Thousand Only) vide DD No.647770 Dt: 23/06/2015, from SBH, Bonglore Branch, Hyderabad

Kindly acknowledge the receipt.

Thanking you,

With Regards,

(for) *[Signature]* 24/6/15  
(S. MAHESHWAR RAW)  
PLACEMENTS I/C







## ACTIVITY REPORT OF TASK

**1. Introduction:** An Internship drive was organized by TASK at [BIET]. The event aimed to provide students with job opportunities by assessing their skills and connecting them with potential employers. The drive attracted enthusiastic participation from students, offering them a platform to showcase their technical, analytical, and communication skills.



### 2. Objectives of the Internship Drive:

- To provide students with employment opportunities in reputed organizations.
- To assess students' technical and soft skills for industry readiness.
- To facilitate direct interaction between students and recruiters.
- To help students understand corporate expectations and hiring processes.

**3. Internship Drive Process:** The placement drive was conducted in multiple stages, including:

- **Pre-Placement Talk:** Representatives from TASK provided an overview of the company, job roles, and career growth opportunities.
- **Aptitude Test:** A written test assessed students' problem-solving skills, logical reasoning, and quantitative aptitude.
- **Technical Interview:** Shortlisted candidates were evaluated on their technical knowledge and problem-solving capabilities.
- **HR Interview:** Final shortlisted candidates underwent an HR interview to assess their communication skills, attitude, and company fit.



*Vattikanchu*  
Principal  
Bharat Institute of Engg. and Tech  
Mangalpally(V), Ibrahimpattanam(M)  
Ranga Reddy (Dist)-Telangana-501510





- **Final Selection & Offer Letters:** Successful candidates received job offers, marking the completion of the recruitment process.

#### **4. Key Highlights & Outcomes:**

- A significant number of students participated in the placement drive.
- Several students successfully cleared all selection rounds and secured job offers.
- Recruiters appreciated the quality and preparedness of candidates.
- Students gained valuable experience and insights into real-world hiring processes.

**5. Conclusion:** The placement drive conducted by TASK was a great opportunity for students to begin their professional careers. The event not only resulted in job placements but also provided students with industry insights and exposure to corporate hiring processes. Such initiatives play a crucial role in enhancing students' employability and career prospects.

**6. Acknowledgment:** We extend our sincere gratitude to TASK for conducting the placement drive and offering valuable career opportunities to students. Special thanks to the placement cell, faculty coordinators, and all participants for making the event a success.



*Vattikarababu*

Principal  
Bharat Institute of Engg. and Tech  
Mangalpally(V), Ibrahimpattanam(M)  
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Ref.:

BIET/2014

Date: 22/05/2014

To;  
The Manager  
Nuclear Fuel Complex  
Hyderabad

**Subject: Request for Consent of Student Project Work in the esteemed organization.**

Dear Sir,

I hope this letter finds you in good health and high spirits. I am writing on behalf of Bharat Institute of Engineering & Technology to request your esteemed organization's support in providing our students with an opportunity to undertake project work under your guidance.

As part of our academic curriculum, our students are required to gain hands-on experience through industry-oriented projects that enhance their practical knowledge and prepare them for professional challenges. We believe that your organization, being a leader in relevant industry or domain, would provide an excellent platform for our students to apply their theoretical learning to real-world scenarios.

We would be grateful if you could accommodate a group of our students for project/internship work for around 3 or 4 months. We assure you that our students are highly motivated and eager to contribute meaningfully under the supervision of your experts. Additionally, we are open to discussing specific project requirements and any other formalities necessary for a smooth collaboration.

We look forward to a positive response and a fruitful association with your organization. Please let us know a convenient time for further discussions on this matter.

Thank you for your time and consideration.

Yours sincerely,

*Vattihambolu*

Principal  
BIET  
Principal  
Bharat Institute of Engg. and Tech  
Mangalpally(V), Ibrahimpatnam(M)  
Ranga Reddy (Dist)-Telangana-501510





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Government of India  
Department of Atomic Energy  
NUCLEAR FUEL COMPLEX

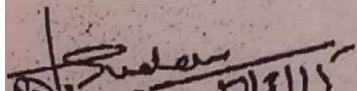
BONAFIDE CERTIFICATE

This is to certify that Mr. S. Sandeep, Mr. P. Sumanth Krishna, Mr. M. Vinay Kumar have done their project under my guidance during the period 04-02-2015 to 10-03-2015 on the topic entitled "VIBRATION MITIGATION IN HIGH PRESSURE PIPE LINES OF HORIZONTAL EXTRUSION PRESS" in Extrusion and Piercing Plant(EPP) with reference to NUCLEAR FUEL COMPLEX.

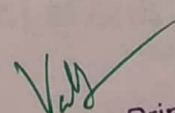
It is ensured that the report does not contain classified or plant operational data in any form.

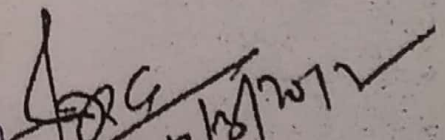
Place: HYDERABAD

Date:

  
Sudarshanam  
Manager (EPP)



  
Principal  
Rangar Institute of Engg. and Tech  
Mangalpally(V), Ibrahimpatnam(M)  
Ranga Reddy (Dist)-Telangana-501510

  
S.K. Jha 17/3/2015

DGM(EPP,BPS)

एस.के. झा / S.K. JHA  
उप महा प्रबंधक/Deputy General Manager  
ई.पी.पी., वि.पी.एस., एम/एल/ECIL, BPS, MI  
Government of India  
नाभिकीय ईंधन संमिश्र/NUCLEAR FUEL COMPLEX  
ई.पी.आई.एल., हैदराबाद/ECIL, HYDERABAD-6



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Mangalpally (Village), Ibrahimpatnam (Mandal), Ranga Reddy District - 501 510, Telangana. Tel : 08414 - 252399

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Date: 22/05/2014

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BDL  
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**Subject: Request for Consent of Student Project Work in the esteemed organization.**

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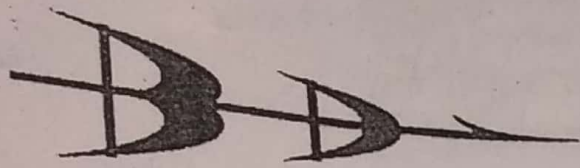
*Vattikonda Subu*

Principal  
BIET  
Principal  
Bharat Institute of Engg. and Tech  
Mangalpally(V), Ibrahimpatnam(M)  
Ranga Reddy (Dist)-Telangana-501510



CERTIFICATE

This is to certify that the project report entitled



भारत डायनामिक्स लिमिटेड  
BHARAT DYNAMICS LIMITED

OPTIMIZATION OF SHEAR SPINNING PARAMETERS FOR THE PRODUCTION  
OF HIGH PRECISION SEAMLESS ROCKET MOTOR TUBE

is being submitted by MANTHU PRAMOD KUMAR REDDY, MAMIDIPALLI  
REVANTH KUMAR, MULLAPUDI SAI KRISHNA, in partial fulfillment of Project  
based Training, in CP-Integrated Guided Missile Production, Bharat Dynamic Limited is a  
record of bonafide work carried out by him under my guidance and supervision.

Signature of the Guide:

*S. Appa Rao*



*VJR*

Principal  
Bharat Institute of Engg. and Tech  
Mangalpally(V), Ibrahimpatnam  
Ranga Reddy (Dist)-Telangana

Name

: S. APPA RAO

Designation: Deputy General Manager

Department: CP-Integrated Guided Missile Production



भारत डायनामिक्स लिमिटेड  
(भारत सरकार का उद्यम)  
**BHARAT DYNAMICS LIMITED**

(A Govt. of India Enterprise)  
रक्षा मंत्रालय MINISTRY OF DEFENCE  
हैदराबाद HYDERABAD - 500 050.

प्रणाली, प्रौद्योगिकी तथा प्रबंधन संस्थान  
**INSTITUTE OF SYSTEMS, TECHNOLOGY AND MANAGEMENT**

Year. 2015...

प्रमाण-पत्र  
**PROJECT CERTIFICATE**

Regd. No. 353

सुश्री/श्री

Ms./Mr. M. Sateesh Reddy

पुत्री/पुत्र/श्रीमती

Daughter/Son of Smt. M. Srilatha

श्री

Shri. M. Vishnuvardhan Reddy

महाविद्यालय/संस्थान

College/Institute. Bharat Institute of Engineering & Technology

विषय/शाखा

Subject/Discipline. B. Tech. (Mech)

वर्ष/सेमिस्टर

Year/Semester. IV - II

इस विषय पर परियोजना कार्य/प्रशिक्षण पूर्ण किया।

has completed Project Work/Training on. Design and Manufacturing of  
Critical Component Long shell on CNC Turnmill Center.

अवधि

से

Duration. One Month. Period From. 13/02/2015 to 12/03/2015 तक

इन्होंने अध्ययन में पर्याप्त रुचि दिखायी।

She/He has shown keen interest in learning.



S NARAYANAN

अपर महाप्रबंधक (मा.सं.वि.)  
Addl. General Manager (MRD)

Principal  
Bharat Institute of Engineering and Tech  
Mangalpally (V), Hyderabad  
Ranga Reddy (Dist) - Telangana 501010  
Head (MRD)

R. IYAPPAN

अप प्रबंधक (का एवं प्र) शिशुता कल  
Dy. Manager (P & AI App. Co)

प्रभारी, परियोजना कार्य  
Incharge Project Works

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# BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, Accredited by NAAC and Accredited by NBA : UG Programmes - CSE, ECE, EEE & Mechanical  
Recognised by the Govt. of T.S. and Affiliated to JNTUH, Hyderabad.)

Sponsored by : CHINTA REDDY MADHUSUDHAN REDDY EDUCATIONAL SOCIETY

Mangalpally (Village), Ibrahimpatnam (Mandal), Ranga Reddy District - 501 510, Telangana. Tel : 08414 - 252399

Ref.:

BIET/2014

Date: 22/05/2014

To;  
The Manager  
BHEL  
Hyderabad

**Subject: Request for Consent of Student Project Work in the esteemed organization.**

Dear Sir,

I hope this letter finds you in good health and high spirits. I am writing on behalf of Bharat Institute of Engineering & Technology to request your esteemed organization's support in providing our students with an opportunity to undertake project work under your guidance.

As part of our academic curriculum, our students are required to gain hands-on experience through industry-oriented projects that enhance their practical knowledge and prepare them for professional challenges. We believe that your organization, being a leader in relevant industry or domain, would provide an excellent platform for our students to apply their theoretical learning to real-world scenarios.

We would be grateful if you could accommodate a group of our students for project/internship work for around 3 or 4 months. We assure you that our students are highly motivated and eager to contribute meaningfully under the supervision of your experts. Additionally, we are open to discussing specific project requirements and any other formalities necessary for a smooth collaboration.

We look forward to a positive response and a fruitful association with your organization. Please let us know a convenient time for further discussions on this matter.

Thank you for your time and consideration.

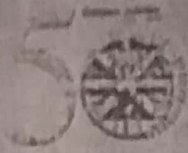
Yours sincerely,

*Vetturambabu*

Principal  
BIET Principal  
Bharat Institute of Engg. and Tech  
Mangalpally(V), Ibrahimpatnam(M)  
Ranga Reddy (Dist)-Telangana-501510







भारत हेवी इलेक्ट्रिकल्स लिमिटेड

हेवी पावर इक्विपमेंट प्लांट, रामचंद्रपुरम, हैदराबाद-502032 (भारत)

BHARAT HEAVY ELECTRICALS LIMITED

Heavy Power Equipment Plant, Ramachandrapuram, Hyderabad-502032 (India)

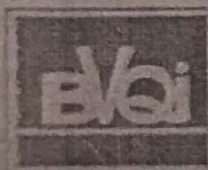
मानव संसाधन विकास केंद्र / Human Resource Development Center

Reg. No. 5046

Date: 15/6/2015

**PROJECT WORK TRAINING CERTIFICATE**

This is to certify that Mr/Ms GOTTAM SAI PRASINA  
of BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY College / University  
pursuing B.TECH EEE III YEAR course and having  
Roll No. 13E11A0210 has satisfactorily completed a  
Projectwork / Internship training from 1/6/2015 to 15/6/2015  
The title of his/her project is \_\_\_\_\_



Principal  
Bharat Institute of Engg. and Tech  
Wangalpally (V), Ibrahimpatn  
Ranga Reddy (Dist) - Telangana-501101

HRD Executive



भारत हेवी इलेक्ट्रिकल्स लिमिटेड

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BHARAT HEAVY ELECTRICALS LIMITED

Heavy Engineering Corporation, Hyderabad

भारत भारती विद्युत निगम लि. / Bharat Heavy Electricals Development Corporation

Page No.

Date

### PROJECT WORK TRAINING CERTIFICATE

Name of the Candidate

Roll No.

Department

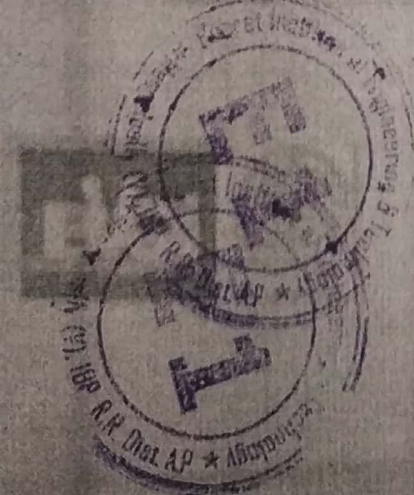
Project Title

Project Period

Project Location

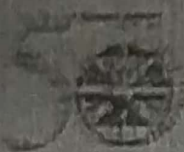
Project Supervisor

Project Coordinator



Principal  
Bharat Institute of Engg. and Tech  
Mangalpally(V), Ibrahimpatnam,  
Ranga Reddy (Dist) - Telangana 501202





भारत हेवी इलेक्ट्रिकल्स लिमिटेड

हेवी पावर इक्विपमेंट प्लांट, रामचंद्रपुरम, हैदराबाद-502032 (भारत)

BHARAT HEAVY ELECTRICALS LIMITED

Heavy Power Equipment Plant, Ramachandrapuram, Hyderabad-502032 (India)

मानव संसाधन विकास केंद्र / Human Resource Development Center

Reg. No. \_\_\_\_\_

Date: 15/6/2015

**PROJECT WORK TRAINING CERTIFICATE**

This is to certify that Mr/Ms N. CHINNA HANUMANTHU

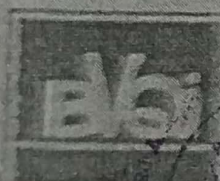
of BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY College / University  
Locality

pursuing B.TECH EEE III YEAR course and having

Roll No. 13F11A0233 has satisfactorily completed a

Projectwork / Internship training from 1/6/2015 to 15/6/2015

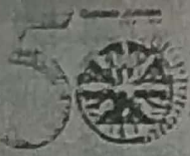
The title of his/her project is \_\_\_\_\_



Vlu

Principal  
Sharat Institute of Engg. and Tech  
Mangalpally (V), Ibrahimpatna  
Manga Reddy (Dist), Telangana





भारत हेवी इलेक्ट्रिकल्स लिमिटेड

हेवी पावर इक्विपमेंट प्लांट, रामचंद्रापुरम, हैदराबाद-502032 (भारत)

BHARAT HEAVY ELECTRICALS LIMITED

Heavy Power Equipment Plant, Ramachandrapuram, Hyderabad-502032 (India)

मानव संसाधन विकास केंद्र / Human Resource Development Center

Reg. No. \_\_\_\_\_

Date: 15/6/2015

**PROJECT WORK TRAINING CERTIFICATE**

This is to certify that Mr/Ms S. POOJA

of BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY College / University  
6044

pursuing B.TECH EEE YEAR course and having

Roll No. 13EE140209 has satisfactorily completed a

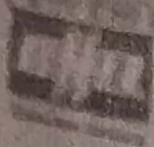
Projectwork / Internship training from 1/6/2015 to 15/6/2015

The title of his/her project is \_\_\_\_\_



*V. H.*  
Principal  
Bharat Institute of Engg. and T  
Mangalpally (V), Ibrahimpatnam  
Ranga Reddy (Dist) - Telangana





भारत हेवी इलेक्ट्रिकल्स लिमिटेड

भारत हेवी इलेक्ट्रिकल्स लिमिटेड, भारत सरकार, नई दिल्ली

BHARAT HEAVY ELECTRICALS LIMITED

भारत हेवी इलेक्ट्रिकल्स लिमिटेड, भारत सरकार, नई दिल्ली

### PROJECT WORK TRAINING CERTIFICATE

This is to certify that Mr. M. S. RAO

of BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY

working as STUDENT for 10 years

from 1974 to 1984

Project Work : Designing of a machine

The work of project is



*[Signature]*

Principal  
Bharat Institute of Engg. and Tech  
Mangalpally(V), Ibrahimpatnam  
Ranga Reddy (Dist)-Telangana-501206





भारत हेवी इलेक्ट्रिकल्स लिमिटेड

हेवी पावर इक्विपमेंट प्लांट, रामचंद्रापुरम, हैदराबाद-502032 (भारत)

BHARAT HEAVY ELECTRICALS LIMITED

Heavy Power Equipment Plant, Ramachandrapuram, Hyderabad-502032 (India)

मानव संसाधन विकास केंद्र / Human Resource Development Center

Reg. No. \_\_\_\_\_

Date: 15/6/2015

**PROJECT WORK TRAINING CERTIFICATE**

This is to certify that Mr/Ms B. MOUNIKA

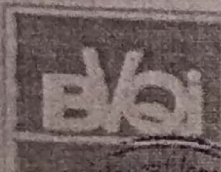
of BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY College / University

pursuing B.TECH EEE YEAR course and having

Roll No. 13F11A00256 has satisfactorily completed a

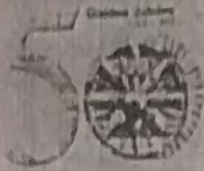
Projectwork / Internship training from 1/6/2015 to 15/6/2015

The title of his/her project is \_\_\_\_\_



Principal  
Bharat Institute of Engg. and Tech  
Mangalpally(V), Ibrahimpatna  
Ranga Reddy (Dist)-Telangana-501414





भारत हेवी इलेक्ट्रिकल्स लिमिटेड

हेवी पावर इक्विपमेंट प्लांट, रामचंद्रापुरम, हैदराबाद-502032 (भारत)

BHARAT HEAVY ELECTRICALS LIMITED

Heavy Power Equipment Plant, Ramachandrapuram, Hyderabad-502032 (India)

मानव संसाधन विकास केंद्र / Human Resource Development Center

Reg. No. \_\_\_\_\_

Date: 15/6/2015

**PROJECT WORK TRAINING CERTIFICATE**

This is to certify that Mr/Ms RAMANATH CHATHRU

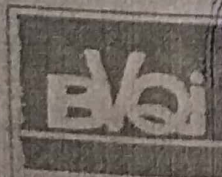
of BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY College / University

pursuing B.TECH EEE YEAR course and having

Roll No. BE11A0207 has satisfactorily completed a

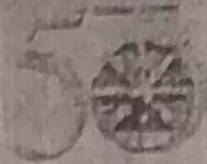
Projectwork / Internship training from 1/6/2015 to 15/6/2015

The title of his/her project is \_\_\_\_\_



[Signature]  
Principal  
Bharat Institute of Engg. and Tech  
Mangalpally(V), Ibrahimpatna  
Ranga Reddy (Dist)-Telangana-501201





भारत हेवी इलेक्ट्रिकल्स लिमिटेड

हेवी पावर इक्विपमेंट प्लांट, रामचंद्रपुरम, हैदराबाद-502032 (भारत)

BHARAT HEAVY ELECTRICALS LIMITED

Heavy Power Equipment Plant, Ramachandrapuram, Hyderabad-502032 (India)

मानव संसाधन विकास केंद्र / Human Resource Development Center

Reg. No. \_\_\_\_\_

Date: 15/6/2015

**PROJECT WORK TRAINING CERTIFICATE**

This is to certify that Mr/Ms S. GOUTHAM

of BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY College / University  
Locality LOC

pursuing B.TECH EEE YEAR 1 course and having

Roll No. BELAD184 has satisfactorily completed a

Projectwork / Internship training from 1/6/2015 to 15/6/2015

The title of his/her \_\_\_\_\_



V. S.

Principal

Bharat Institute of Engg. and Tech  
Mangalpally(V), Ibrahimpatnam  
Ranga Reddy (Dist)-Telangana-501201

HRD Executive



# BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, Accredited by NAAC and Accredited by NBA : UG Programmes - CSE, ECE, EEE & Mechanical  
Recognised by the Govt. of T.S. and Affiliated to JNTUH, Hyderabad.)

Sponsored by : CHINTA REDDY MADHUSUDHAN REDDY EDUCATIONAL SOCIETY

Mangalpally (Village), Ibrahimpatnam (Mandal), Ranga Reddy District - 501 510, Telangana. Tel : 08414 - 252399

Ref.:

BIET/2014

Date: 22/05/2014

To;  
The Manager  
CITD  
Hyderabad

**Subject: Request for Consent of Student Project Work in the esteemed organization.**

Dear Sir,

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Thank you for your time and consideration.

Yours sincerely,

*Vattikam Babu*

Principal  
BIET Principal  
Bharat Institute of Engg. and Tech  
Mangalpally(V), Ibrahimpatnam(M)  
Ranga Reddy (Dist)-Telangana-501510



दिनांक : 24-04-2015  
Date : .....

CITD/LCA/PW/14-15

## CERTIFICATE

This is to certify that this Academic Project work entitled  
"DESIGN OF VACUUM GRIPPER FOR CONVEYING OF OBJECTS THROUGH  
PICK AND PLACE OPERATION USING PLC" is the bonafide work done by

**STUDENT NAME**

AAKASH KUMAR SAH

JADHAV AJAY DHANAJI

**ROLL NO**

11E11A0301

11E11A0304

In the Partial fulfillment of Bachelor of Technology in Mechanical Engineering  
at **BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY, HYD;**  
course and Project work done by them under our guidance and supervision.

G. SANATH KUMAR  
Dy. Director (Trg.)



V.K.

Principal

बालानगर, हैदराबाद - 500 037, ऑ.प्र., भारत BALANAGAR, HYDERABAD - 500 037, INDIA  
(आईएसओ 9001:2008, आईएसओ 14001:2004, आईएसओ 29001:2010) प्रमाणित संस्था  
(An ISO 9001:2008, ISO 14001:2004, ISO 29001:2010 Certified Institution)

दूरभाष/Phones : 040-2377 2747/48, Training : 23771959, CAD/CAM: 23772749, Purchase : 23776168, फैक्स/FAX : +91-040-23772658  
ईमेल/Email : citdhyd@sancharnet.in Website : www.citdindia.org Chennai Extn. Centre : 044-22501014, Vijayawada Sub-Centre : 0868-2540560

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पृष्ठ :  
म. :

दिनांक : 15-11-15  
Date :

CITD/VES/PW/14-15

CERTIFICATE

This is to certify that this Main Project work entitled "AUTOMATION OF PLASTIC INJECTION MOULDING MACHINE AND ITS ANALYSIS" is the bonafide work done by-

STUDENT NAME

R ALEKHYA

A SATYA KUMARI

K VIJAYA LAKSHMI

ROLL NO

11E11A0306

11E11A0346

11E11A0359

In the Partial fulfillment of Bachelor of Technology in MECHANICAL ENGINEERING at BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY, HYDERABAD; Course and Project work done by her under our guidance and supervision.

*Sanath Kumar*  
G SANATH KUMAR  
Dy. Director (Trg.)



*VH*  
Principal  
Bharat Institute of Engg. and Tech  
Mangalpally(V), Ibrahimpatnam  
Ranga Reddy (Dist)-Telangana-501510

बालासागर, विजयवाड़ा - 500 037, आ.प्र., भारत BALANAGAR, HYDERABAD - 500 037, A.P. INDIA

(आईएसओ 9001:2008, आईएसओ 14001:2004, आईएसओ 29000:2010 प्रमाणित संस्था )  
(An ISO 9001:2008, ISO 14001:2004, ISO 29000:2010 Certified Institution)

दूरभाष/Phone : 040-2377 2747 / 48, Training : 23771959, CAD/CAM: 23772749, Purchase : 23778168, फैक्स/FAX : +91-040-23772658

ईमेल/Email : [hyd@chhydsanchemel.in](mailto:hyd@chhydsanchemel.in) Website : [www.citdindia.org](http://www.citdindia.org) Chennai Extn. Centre : 044-22501014, Vijayawada Sub-Centre : 0866-2540660

Scanned by CamScanner

## AGREEMENT

THIS AGREEMENT WITH INSTITUTES (the "Agreement") is entered into on 09<sup>th</sup> day of October, 2014 (the "Effective Date")

CoCubes Technologies Pvt. Ltd., a company incorporated under the Companies Act, 1956, having its principal place of business at A-1101, 11<sup>th</sup> Floor, Unitech Arcadia, Sohna Road, Sector - 49, Gurgaon, Haryana - 122018 (hereinafter mentioned as "CoCubes", which expression shall mean to include its successors-in-interest and permitted assigns) of the One Part.

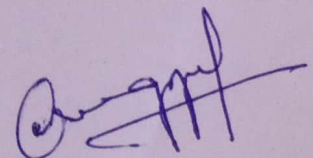
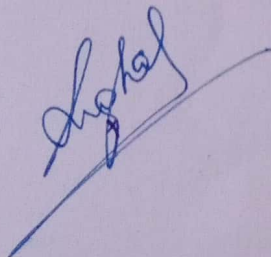
## AND

Bharat Institute of Engineering & Tech. having its principal place of business at Mangalpally, R.R. District (hereinafter mentioned as "the Institute", which expression shall mean to include its successors-in-interest and permitted assigns) of the Second Part.

CoCubes and the Institute shall hereinafter be individually be referred to as "Party" collectively as "Parties"

## WHEREAS:

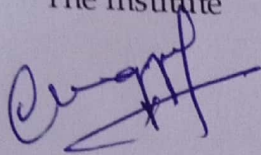
1. CoCubes is engaged in the business of providing online career development and training services to Institutes and its enrolled students. As a part of this business, CoCubes has developed a proprietary technology platform to automate the process of engaging students. This platform enables CoCubes to connect companies who wish to engage students directly in Institutes. The platform also provides guidance to the students in preparing them for the corporates for better career prospects. *only assessments? ? in which way?*
2. The Institute is a certified educational institute providing higher education facility to students in India.
3. The Institute <sup>??</sup> desires to engage CoCubes to provide to it their online career development and training services as specified in this Agreement and CoCubes has agreed to provide its services to the Institute on and subject to the terms and conditions set out in this Agreement.





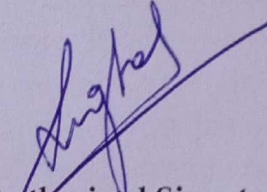
IN WITNESS WHEREOF, the Parties have executed this Agreement as of the Effective Date.

For and on behalf of  
The Institute



Authorised Signatory

For and on behalf of  
CoCubes Technologies Private Limited



Authorised Signatory



## COCUBES Online Test for Internship

As a part of COCUBES, MOU, Pre assessment test was carried out on Domain, English Usage, on reasoning, quantitative aptitude coding employability. COCUBES Online Test was conducted for all Students of all Branches at BIET Campus in the academic year 2014-15.



## COCUBES Online Test for Internship

**1. Introduction:** A pre-assessment test was conducted by CoCubes on to evaluate the skills and competencies of students in various domains. The assessment aimed to measure the employability readiness of students by testing their proficiency in domain-specific knowledge, English usage, reasoning ability, quantitative aptitude, and coding skills. The test served as a benchmark for understanding strengths and areas for improvement, helping students prepare for future job opportunities.

## 2. Objectives of the Test:

- To assess students' technical knowledge in their respective domains and providing internship opportunities.
- To evaluate English proficiency, including grammar, vocabulary, and comprehension skills.
- To test logical reasoning and problem-solving abilities.
- To measure quantitative aptitude and mathematical skills.
- To analyze coding proficiency and programming skills.
- To provide insights into employability readiness.

**3. Test Structure and Sections:** The CoCubes pre-assessment test comprised the following sections:

- **Domain Knowledge:** Questions related to the students' respective academic disciplines to assess their technical expertise.
- **English Usage:** This section included grammar, sentence correction, reading comprehension, and vocabulary-based questions.
- **Reasoning Ability:** Logical reasoning, pattern recognition, and analytical thinking problems were included to assess problem-solving skills.



*VattikamBabu*

Principal  
Bharat Institute of Engg. and Tech  
Mangalpally(V), Ibrahimpatnam(M)  
Ranga Reddy (Dist)-Telangana-501510





- **Quantitative Aptitude:** Topics covered included arithmetic, algebra, probability, number series, and data interpretation.
- **Coding Skills:** Programming-based questions in languages such as C, C++, Java, and Python, focusing on algorithm development and debugging.
- **Employability Skills:** Soft skills assessment, including behavioral traits, communication, and workplace adaptability.

#### 4. Key Observations and Findings:

- Students demonstrated a strong grasp of domain knowledge, with notable performance in core technical areas.
- English proficiency varied among students, with some facing challenges in vocabulary and comprehension.
- Logical reasoning and problem-solving skills were found to be satisfactory, with scope for improvement in time management.
- Quantitative aptitude results indicated that students need to practice numerical problem-solving to enhance accuracy and speed.
- Coding skills showed mixed performance; while some students exhibited strong programming abilities, others struggled with complex problem-solving.
- The employability skills section highlighted the importance of communication, teamwork, and adaptability in the workplace.

**5. Conclusion:** The CoCubes pre-assessment test provided valuable insights into students' current skill levels and areas requiring improvement. The results will help students focus on specific skill enhancements to improve their employability. Regular practice, targeted training sessions, and workshops on weak areas can help bridge the skill gaps and enhance job readiness.

#### 6. Recommendations:

- Conduct training sessions for English language improvement, focusing on vocabulary and comprehension.
- Organize workshops on logical reasoning and quantitative aptitude to improve problem-solving speed.
- Provide coding bootcamps and hands-on programming sessions for students struggling with coding.
- Arrange mock assessments to help students become familiar with time management and test-taking strategies.
- Encourage participation in soft skills development programs to enhance employability traits.

**7. Acknowledgment:** We extend our gratitude to CoCubes for organizing this pre-assessment test and providing detailed feedback on students' performance. Special thanks to our institution's faculty and training coordinators for facilitating the test and guiding students toward skill enhancement.



*Vattikam Babu*

Principal  
Bharat Institute of Engg. and Tech  
Mangalpally(V), Ibrahimpattanam(M)  
Ranga Reddy (Dist)-Telangana-501510