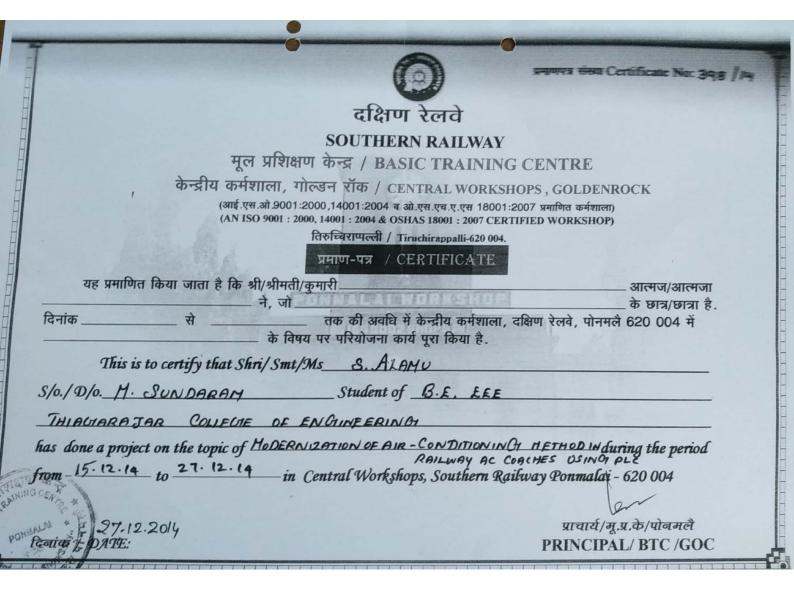
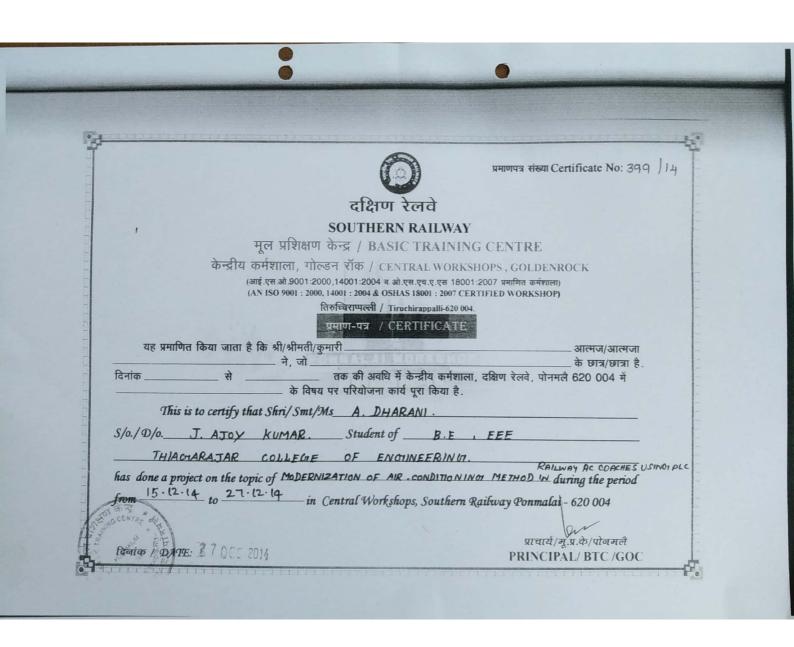


2014

PRINCIPAL/ BTC /GOC







This is to certify that the project on.

DESIGN & DEVELOPMENT OF BATTERY CHARGER FOR

EV APPLICATION

is a bonafide work of

V HEMAVATHY

REG NO: 11E37

8th SEMESTER B.E.ELECTRICAL & ELECTRONICS ENGINEERING



THIAGARAJAR COLLEGE OF ENGINEERING,

MADURAI

who has successfully carried out the project work between DECEMBER2014 and MARCH2015 under my supervision.

Mr A SRIKUMAR

LEAD ENGINEER



This is to certify that the project on,

DESIGN & DEVELOPMENT OF MOTOR CONTROLLER FOR EV APPLICATION

is a bonafide work of

BALAGANESH

S PAVITHRA

REG NO: 11E20

REG NO: 11E69

8th SEMESTER B.E.ELECTRICAL & ELECTRONICS ENGINEERING



THIAGARAJAR COLLEGE OF ENGINEERING,

MADURAI

who have successfully carried out the project work between DECEMBER2014 and MARCH2015 under my supervision.

Mr AVINASH

MEMBER R&D



This is to certify that the project on,

DESIGN & DEVELOPMENT OF INSTRUMENT CLUSTER & **WIRING HARNESS**

is a bonafide work of

A PRAVEEN KUMAR

P THILAGAVATHY

REG NO: 11E75

REG NO: 11E115

8 SEMESTER B.E.ELECTRICAL & ELECTRONICS ENGINEERING



THIAGARAJAR COLLEGE OF ENGINEERING, **MADURAI**

who have successfully carried out the project work between DECEMBER2014 and MARCH2015 under my supervision.

Mr PARTHA BISWAS

MEMBER R&D

Mr AMARDEEP KUMAR

MEMBER R&D

ADVANCED ENGINEERING GROUP ADVANCED ENGINEERING GROUP



This is to certify that the project on,

ILLUMINATION SYSTEM FOR TWO WHEELERS

is a bonafide work of

K SANJANA

REG NO: 11E93

8th SEMESTER B.E.ELECTRICAL & ELECTRONICS ENGINEERING



THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI

who has successfully carried out the project work between DECEMBER2014 and MARCH2015 under my supervision.

Mr ABHISHEK GUPTA

MEMBER R&D



This is to certify that the project on,

Design & Development of Motor for EV Application

Is a bonafide work of

DHIYANESH R

RM KABILA

REG NO: 11E30

REG NO: 11E43

811 SEMESTER B.E.ELECTRICAL & ELECTRONICS ENGINEERING



THIAGARAJAR COLLEGE OF ENGINEERING,

MADURAL

Who have successfully carried out the project work between DECEMBER 2014 and MARCH 2015 under my supervision.

Mr YOGESH DEVIDAS PATIL

MEMBER R&D

CERTIFICATE

TVS MOTOR COMPANY LTD, HOSUR



This is to certify that the project on,

MOTOR CONTROLLER FOR AUTONOMOUS VEHICLE

is a bonafide work of

N. K. JEEVAN

REGNO:11E41

8th SEMESTER B.E.ELECTRICAL & ELECTRONICS ENGINEERING



THIAGARAJAR COLLEGE OF ENGINEERING,

MADURAI

who has successfully carried out the project work between DECEMBER2014 and MARCH2015 under my supervision.

Mr K. N.SHREENIVASAPRASADA

PED_MACHINE BUILDING

Rane TRW Steering Systems Pvt. Ltd.



IN

Expanding Horizon

Plant - 1 : Fl Gear Division

Boothakudi Village Viralimalai - 621 316.

Pudukkottai District, INDIA Website: www.rane.co.in

Telephone: 9894633341, 9894633342

Facsimile: 04339 - 220273 CIN: U35999TN1987PTC014600

02.04.2016

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. Shri Sahana J (12E93), Final Year student of the B.E., Electrical & Electronics Engineering from Thiagarajar College of Engineering, Madurai has done internship in our Organization from 06th January 2016 to 1st April 2016. During her internship she had also done a project work titled "Variable Load Constant Speed DC Motor for ESS"

For Rane TRW Steering Systems Pvt. Ltd.

M.Mohan General Manager – HR

Maithri', 32, Cathedral Road, Chennai 600 086. India. Tel. 91.44.28112472 Fax: 91.44.28112449 deat Office: 45, T.T.K. Road, Alwarpet, Chennai 600 018. INDIA. Tel. 91.44.24994390 Fax: 91.44.24994409

i Nautix.

iNautix Technologies 10th Floor, Tidel Park No 4, Rajiv Gandhi Salai Taramani, Chennai-600113

MR.J.BRITTO PARI

Date: 20 / 04 / 2016

CERTIFICATE

Modulators", is a bonafide work done under my supervision during January 2016 to April 2016, by JEYAPRAKASH.C, SARAVANAPRIYA.T, NUGANYA P.K, final year Electrical and Electronics Engineering students of Thlagarajar College of Engineering, Madurai, Tamil Nadu, in partial fulfillment for the requirement of B.E. degree in Electrical & Electronics Engineering of Anna University.

Dr.J.Britto Pari (Project incharge)



This is to certify that the project on,

BODY CONTROL MODULE FOR 110cc SCOOTER ENGINE

is a bonafide work of

K HARIGOVINDH

REG NO: 12E31

8th SEMESTER B.E.ELECTRICAL & ELECTRONICS ENGINEERING



THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI

who has successfully carried out the project work between DECEMBER2015 and APRIL2016 under my supervision.

Mr S SARMADH AMEER

MEMBER R&D



This is to certify that the project on,

BODY CONTROL MODULE FOR 110cc SCOOTER ENGINE

is a bonafide work of

N PERIYASAMY

REG NO: 12E66

8th SEMESTER B.E.ELECTRICAL & ELECTRONICS ENGINEERING

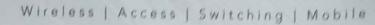


THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI

who has successfully carried out the project work between DECEMBER2015 and APRIL2016 under my supervision.

Mr S SARMADH AMEER

MEMBER R&D





BONAFIDE CERTIFICATE

This is to certify that project titled "Radio Resource Management in Wireless Local Area Network", is a bonafide work done under my supervision during January 2016 to April 2016, by K.R. Sowmiya, final year Electrical and Electronics Engineering student of Thiagarajar College of Engineering, Madurai, Tamil Nadu, in partial fulfillment for the requirement of B.E. Degree in Electrical & Electronics Engineering of Anna University.

Date: 18-04-2016

Signature of the Guide

Ma/1-17/80411

R. Mohan Raj Senior Engineering Manager

+91-44-42132080 | info@embedur.com | www.embedur.com

ill systems (India) Pvt. Ltd. | 5th Floor, JVL Plaza, 626/501, Anna Salai, Teynampet, Chennai – 600 018

I Nautix.

Address: Tidel Park, Canal Bank Road, Taramani, Chennai, Tamil Nadu 600113

Phone: 07702983947

Mr. J. BRITTO PARI

Date: 07.04.2016

CERTIFICATE

Certified that project titled "Optimised Architecture of Fast Fourier Transform", is a bonafide work done under my supervision during January 2016 to April 2016, by M.CHANDHIYA and S.VIMALA RANI, final year Illectrical and Electronics Engineering student of Thiagarajar College of Linguisting, Madurai, Tamil Nadu, in partial fulfillment for the requirement of II.E. degree in Electrical & Electronics Engineering of Anna University.

J.B.P7/7.09.18

V





BONAFIDE CERTIFICATE

This is to certify that project titled "Radio Resource Management in Wireless Local Area Network", is a bonafide work done under my supervision during January 2016 to April 2016, by H. Prem Kumar, final year Electrical and Electronics Engineering student of Thiagarajar College of Engineering, Madurai, Tamil Nadu, in partial fulfillment for the requirement of B.E. Hogrow in Electrical & Electronics Engineering of Anna University.

Date: 18-04-2016

Signature of the Guide

R. Mohan Raj

Senior Engineering Manager

+91-44-42132080 | info@embedur.com | www.embedur.com

application systems (India) Pvt. Ltd. | 5th Floor, JVL Plaza, 626/501, Anna Salai, Teynampet, Chennai - 600 018



ZOHO Corporation Private Limited

Estancia IT Park, Plot No.140, 151, Vallancheri Village, Chengalpet Taluk, Kancheepuram District - 603 202 Tamilnadu. Ph: +91-44 - 6744 7070, Fax: +91-44 - 2270 7172 www.zohocorp.com

April 6th, 2016

Ref:99/PT-648/16

PROJECT COMPLETION CERTIFICATE

This is to certify that Mr. Arun Raj T(Reg. No.:12E11) final year EEE importment of Thiagarajar College Of Engineering, has successfully completed his influentable in ZOHO Corporation Pvt. Ltd., with title 'Offline Survey For the total ZOHO Survey' from November 2015(23-Nov-15) to April 2016(1-Apr-16). Is above period, his performance and conduct were found to be good.

Mr. Chai

Maraj Selvanathan

Mahager)

Kancheepuram District 603 202.

Mohammed Sohail

(Manager-HR)



TEMENOS INDIA PVT LTD

No 146 Sterling Road Nungambakkam Chennai 600 034 India

T: +91 (0) 44 6623 1000 E: +91 (0) 44 6623 1099

www.temenos.com CIN - U30006TN1995PTC032883

12th April 2016

TO WHOM IT MAY CONCERN

the Lertify that Ms. Meenatchi, D/O- Mr. Manickavasagam, a student of B.E (Major strikel and Electronics Engineering), Thiagarajar College of Engineering, Madurai, Italiu, is doing her internship project titled ""Database Scripts Generator and the first final", is a bonafide work done under supervision of Palaniyandi Kumaresan, Private Wealth Management at our perungudi Branch from December 2015.

Talabaja India Pvt Ltd.

Schalbinam I Sout a Union Resources Hautix.

Address: Tidel Park, Canal Bank Road, Taramani, Chennai, Tamil Nadu 600113

Phone:07702983947

MI I BRITTO PARI

Date: 07.04.2016

CERTIFICATE

J.B.Py 17.04.16



21st March 2016

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. Ramashree Sugumar, student of IV Year B.E (Electrical and Electronics Engineering) from Thiagarajar college of Engineering has completed her project training in our organization from 01-12-2015 to 21-03-2016. During this Intern period, her attendance was 100%.

During this tenure, she has evinced keen interest in learning and her conduct & character were found to be GOOD.

We wish all the success in her future endeavors.

Yours hithfully.

TOFTITAN COMPANY LIMITED,

(Precision Engineering Division)

MENJITH G NATH MANAGER - HR

PRECISION ENGINEERING DIVISION

the Institute Half Complex Hosur 635 126 TN INDIA Tel 91 4344 664831 Fax . 91 4344 276523

**Example: The Institute A Old Airport Road Bangalore 560 017 INDIA Tel 91 80 6660 9000 Fax 91 80 2526 3001 2526 9923

www.titanworld.com

A TATA Enterprise



ZOHO Corporation Private Limited

Estancia IT Park, Plot No.140, 151, Vallancheri Village, Chengalpet Taluk, Kancheepuram District - 603 202 Tamilnadu. Ph: +91- 44 - 6744 7070, Fax: +91- 44 - 2270 7172 www.zohocorp.com

> April 6th, 2016 Ref:98/PT-654/16

PROJECT COMPLETION CERTIFICATE

This is to certify that Mr. Bala Murali V(Reg. No.:12E14) final year EEE Department of Thiagarajar College Of Engineering, has successfully completed his internship in ZOHO Corporation Pvt. Ltd., with title 'Kiosk For Android 6.0 For The Product Mobile Device Manager Plus' from November 2015(23-Nov-15) to April 2016(1-Apr-16). During the above period, his performance and conduct were found to be good.

CATION PARAMETER TO DIStrict 603 202.

Hajesh Ranganathan

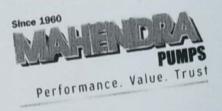
(Project Manager)

Mohammed Sohail

(Manager-HR)

Mahendra Submersible Pumps Pvt. Ltd.

An ISO 9001:2008 Certified by BVQ



15.04.2016

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr.P.S.GOWTHAMAN (12E28), Mr.R.HARISH MILINIVAS (12E32) and Mr.INDIVER SAIKHOMCHA (12E34), Final year, B.E. (Plectrical and Electronics Engineering) students of Thiagarajar College of Implicating, Madurai-625015 has completed Internship Program in "Three Phase Inverter for Submersible Pump" in our concern for a period from January 2016 to April 2016.

Thirting this period they have done a good work towards the completion of their

Mahendra Submersible Pumps Pvt ltd

S.Ramakrishnan

Manager Design

49.8 / 9, Kalapatty Road, Coimbatore - 64.1 0.14, Tamilhadu, INDIA.

Ph. +91. 492. 6476.189 Fax. +91. 492. 2313017
e-mail : mahendrasub@mahendrapumps.in.

THIAGARAJAR COLLEGE OF ENGINEERING

(An Autonomous Institution Affiliated to Anna University)

MADURAI - 625 015



CERTIFICATE

Certified that this is a bonafide record of the E84 Project done by Mr.C.PRASANNA VEERARAGHAVAN(Reg.No.12E71) Ms.R.PREETHI (Reg.No. 12E73) and Ms.S.SHRILAA(Reg.No. 12E94) of Eighth Semester B.E (Electrical & Electronics Engineering), during the year 2015-2016.

U. M. GEETHANJALI

Andatant Professor

Repartment of Electrical & Electronics Engg.

Haulde)

Mahin Madurai

Dr. N. KAMARAJ

Professor & Head

Department of EEE

Date: 21, 4.16

for VIVA-VOCE examination held at Thiagarajar College of Madurai - 625 015, on 3 - 5 - 2 - 16.

MAI EXAMINER EXTERNAL EXAMINER H.D.E.E.

halliged: Whything

p. hive

ZOHO: Confirmed Date of Joining

1 messages

kumari.g@zohocorp.com Reply-To:

To: arunjunai.gowtham@gmail.com Cc: onboarding@zohocorp.com

Dear Arunjunai Rajan S,

Congratulations!

Welcome to ZOHO family.

Thank you for your confirmation mail.

Please be informed that your confirmed date of joining will be 05-Dec-2016

You will have an induction program on the day of joining. During the induction you will be briefed about ZOHO, its origination, growth, culture, policies, products, dos' and donts'. This will help you settle down in ZOHO with ease.

The induction session will start at 10.00 a.m. at our office premises.

Points to remember:

- 1. On the date of joining, make yourself available at our premises by 9.30 a.m. without fail.
- 2. Read all the documents before you come for induction program.
- 3. You need to bring all the necessary documents as mentioned in the checklist below.
- 4. You will have a Photo Session for your company ID card purpose.
- 5. Please carry a copy of this mail along with you to be allowed inside the office premises.

Our office address:

"ZOHO Corporation Private Limited"
Estancia IT Park PLOT NO. 140, 151, GST ROAD,
VALLANCHERRY VILLAGE, GUDUVANCHERRY,
CHENGALPATTU TALUK,
KANCHIPURAM DISTRICT - 603 202.



ZOHO: Confirmed Date of Joining

1 message

<kumari.g@zohocorp.com>
To: vsanthozhkumar@gmail.com
Cc: onboarding@zohocorp.com

Fri 16 Dec, 2016 at 11:28 AM

Dear Santhosh Kumar V,

Congratulations!

Welcome to ZOHO family.

Thank you for your confirmation mail.

Please be informed that y our confirmed date of joining will be 21-Dec-2016. You will have an induction program on the day of joining. During the induction you will be brief ed about Zoho, its origination, growth, culture, policies, products, dos' and donts'. This will help you settle down in Zoho with ease.

The induction session will star t at 9.30 a.m. at our office pr emises.

Points to remember:

- 1. On the date of joining, mak e yourself available at our premises by 9.00 a.m. without fail.
- 2. Read all the documents befor e you come for induction pr ogram.
- 3. You need to bring all the necessar y documents as mentioned in the checklist be low.
- 4. You will have a Photo Session for your company ID car d purpose.
- 5. Please carry a copy of this mail along with you to be allowed inside the office priemises.

Our office address:

Zoho Corporation Private Limited

Estancia IT Park, Plot No. 140 & 151, GST Road, Vallancherry Village, Chengalpattu Taluk, Kanchipuram District 603 202, INDI A Phone: 044 - 67447070 / 044 - 71817070 Extn:1770



ZOHO Corporation Private Limited

Estancia IT Park, Piot No. 140, 151, Vallarichen Villago, Chengo'pet Taluk, Kancheepuram District - 003 202 Taminadu Ph. +91- 44 - 6744 7070, Fax. +91- 44 - 2270 7172 www.zohocorp.com

PROVISIONAL OFFER LETTER

To

ARUNJUNAI RAJEN. 1

Date: 2 TUCY, 2016

Ref No: TCE/1/P7/6/2017

Congratulations!

Based on your various rounds of interviews with ZOHO at your campus, we are pleased to offer you an internship opportunity as a "Project Trainee" as and when your final semester begins. We expect you to work on the project on a full time basis for a period of 5-6 months. During this project tenure you will be paid a stipend of Rs.15,000/- (Rupees Fifteen Thousand Only).

If your project work and conduct are found to be completely satisfactory and if Zoho has resource requirements, you may be considered for employment in accordance with Zoho's then current policy. The soft copy of the Internship letter will be sent to your email id and the hard copy will reach your placement team at the earliest.

It is our pleasure that you have chosen us and we look forward to welcome you aboard!

Good Luck!

Authorized Signatory

Open Control of Contr

DAIMLER

Daimler India Commercial Vehicles Pvt. Ltd.

04-Jan-17

Ms. K Padmavathi, Thiagarajar college of Engineering.

Dear K Padmavathi,

We are pleased to offer you internship from 10-Jan-17 to 30-April-17 at our office on the following terms & conditions:

- You will be paid a consolidated stipend of INR 12000/- per month
- · You will be required to attend your project for five days in a week at specified working hours.
- · Your performance will be monitored periodically during the period of the project.
- By virtue of offering you project, the management will not be obliged in any way to employ you nor
 would you have any claim for employment with the company.
- You will be governed by the rules & regulations applicable to the project trainees of this company as far as discipline, conduct, time keeping, attendance, etc. are concerned.
- The company will not in any way be responsible for any personal injury/accident during the course of your project.
- · Your project may be terminated without giving any notice or assigning any reasons thereof.

During & after the period of your project with the company, you will not engage in any endeavor or activity which conflicts with the interests of the company. A copy of Non-Disclosure Agreement in this connection to be signed by you is enclosed. Please return the declaration duly signed.

Please sign and return the duplicate copy of this letter if the terms and conditions are acceptable to you. At time of joining, please report to Mr. Shin Mv, Human Resources, Oragadam, Sriperumbudur, Tamilnadu, India – 602 105.

For Daimler India Commercial Vehicles Pvt. Ltd.

Mohanraj D Apk General Manager

Human Resources

Corporate Office:
Unit 201, 2nd Floor, Campus 3B,
RMZ Millennia Business Park, Dr. MGR Road, Perungudi,
Chennal - 60096,
Tamil Nadu, India
Phone: +91 44 4599 6000 | Fax: +91 44 4285 3620
www.daimler-indiacy.com

Registered Office: SIPCOT Industrial Growth Centre, Oragadam, Mathur Post, Sriperumbudur Taluk, Kancheepuram District - 602105, Tamil Nadu, India Phone: +91-44 4969 4000 | Fax: +91 44 4969 4881 CIN: U34200TN2007PTC072876

Honeywell

Strictly Confidential

Honeywell Technology Solutions Lab Pvt. Ltd.

CIN: U72200KA 1994FTC016379 Survey No. 19/2, Devarabisanahalli Village, Varthur Hobli, Bengaluru East Taluk Bengaluru - 560 103, INDIA Tel: +91-80-2658 8360 / 4119 7222

Fax: +91-80-2658 4750

E-mail: HTSL-Communication@honeywell.com

Website: www.honeywell.com

January 9th, 2017

"The Placement Office"
Thiagarajar College of Engineering
GST Road, Thiruparankundram,
Madurai, Tamil Nadu 625015

Dear Placement Officer,

Subject: Project Work

We are pleased to inform that Mr. Selvaraj Sudalaiamani from your institute has been selected for pursuing project work with us.

The project would begin from 23rd January 2017 to 28th July 2017. The intern is expected to complete the project within the duration. Project completion certificate will be issued only on completion of the project

The letter is only valid for the said duration and does not guarantee employment with Honeywell Technologies Solution Limited. The trainee may be deputed to any part of India, as we deem appropriate. During this period the trainee would be paid stipend for an amount of INR 20,000 per month (Rupees Twenty Thousand only), to take care of all incidental expenses. We will pay this amount by cheque/Wire Transfer.

During this time frame the trainee would interact with Arunkumar Murugesan - Dir IT-Madurai Lead & Conn Tec from our HTS office.

Yours Sincerely,

For Honeywell Technologies Solution Lab Pvt. Ltd.

Seetha Rani K P Head Business HR

INTERN JOINING CERTIFICATE

Dear Ragul M,

Congratulations!

Welcome to ZOHO family.

Thank you for your confirmation mail.

Please be informed that your confirmed date of joining will be 18-Jan-2017. You will have an induction program on the day of Johning. During the induction you will be briefed about Zoho, its origination, growth, culture, policies, products, dos' and donts'. This will help you settle down in Zoho with ease.

The Induction session will start at 9.30 a.m. at our office premises.

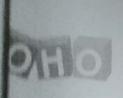
Points to remember:

- 1. On the date of joining, make yourself available at our premises by 9.00 a.m. without fail.
- 2. Read all the documents before you come for induction program.
- 3. You need to bring all the necessary documents as mentioned in the checklist below.
- 4. You will have a Photo Session for your company ID card purpose.
- 5. Please carry a copy of this mail along with you to be allowed inside the office premises.

Our office address:

Zoho Corporation Private Limited

Plot No. 140 & 151, GST Road,
Vallancherry Village,
Chengalpattu Taluk,
Kanchipuram District 603 202, INDIA
Phone: 044 - 67447070 / 044 - 71817070 Extn:1770



ZOHO Corporation Private Limited

Estancia IT Park, Plot No.140, 151, Vallanchery Village, Chengalpet Taluk, Kancheepuram District - 603 202 Tamilnadu. Ph: +91- 44 - 6744 7070, Fax: +91- 44 - 2270 7172 www.zohocorp.com

Dated:19-Apr-2017

PROJECT COMPLETION CERTIFICATE

Arunjunal Rajan S (PT-1106/17) final year Electrical and Electronics Engineering of Engineering of Engineering has successfully completed his/her final year project titled for API Documentation in Zoho Corporation Pvt Ltd, from 05-Dec-2016 to 19-Apr-2017.



206 44 SHOTH ROTOPT CO75961

是 是UNIX 图 2011 F



(Associate-HR)



BHARAT HEAVY ELECTRICALS LIMITED

A Government of India Undertaking

High Pressure Boiler Plant, Tiruchirappalli 620 014 INDIA

Department: PROCESS AND CAPTIVE POWER SYSTEMS (PCPS)

Electrical, Controls and Instrumentation / Building No.79

Telephone : 91–(0431)–2574074 e-Mail : pspandi@bheltry.co.in

P. Samuthirapandi Deputy General Manager/E, C&I/PCPS

22 04 2017

CERTIFICATE

This is to certify that Shri T. S. KANAGA PRIYANKA (Reg. no. 13E40) Inlagarajar College of Engineering, Madurai, Tamil Nadu - 625 015 me completed the Project Work on "AUTOMATION OF LT MOTOR MINITED CENTRE FOR THE INDUSTRIAL BOILER APPLICATION" in of PCPS Mastrical. Controls and Instrumentation. Section **Debertment**, Bharat Heavy Electricals Limited. the land of the requirement for the the Degree of Bachelor of Engineering in Electrical and during the year 2016-2017.

The had completed the Project Work successfully within the

P. SAMUTHIRAPANDI Deputy General Manager E, C & I / PCPS BHEL, TRICHY - 620 014.

Maria Bittl House, Siri Fort, New Delhi 110 049)



This is to certify that the project on,

BRAKE BY WIRE IN THREE WHEELER

is a bonafide work of

N.S.HARI SANKAR

REG NO: 13E24

NEMESTER B.E ELECTRICAL AND ELECTRONICS ENGINEERING



THIAGARAJAR COLLEGE OF ENGINEERING MADURAI

When has successfully carried out the project work between JANUARY 2017 and APRIL 2017 under my supervision

Mr. V RAGHUNATH KUMAR R

MEMBER R&D



This is to certify that the project on,

BRAKE BY WIRE IN THREE WHEELER

is a bonafide work of

C.HARIPRIYA

REG NO: 13E27

*** NEMESTER B.E ELECTRICAL AND ELECTRONICS ENGINEERING



THIAGARAJAR COLLEGE OF ENGINEERING MADURAI

the thereafully carried out the project work between JANUARY 2017 and APRIL 2017 under my supervision

Mr. V.RAGHUNATH KUMAR R

MEMBER R&D



This is to certify that the project on,

BRAKE BY WIRE IN THREE WHEELER

is a bonafide work of

S.HARIVAISHNAVI

REG NO: 13E28

MENTER B.E ELECTRICAL AND ELECTRONICS ENGINEERING



THIAGARAJAR COLLEGE OF ENGINEERING **MADURAI**

day ancies fully carried out the project work between JANUARY 2017 and APRIL 2017 under my supervision

> D. Gary Kaddy. Mr. DUMPALA GANGI REDDY

MANAGER

RESEARCH AND DEVELOPMENT

TVS

This is to certify that the project on,

BRAKE BY WIRE IN THREE WHEELER

is a bonafide work of

D.RENUGADEVI

REG NO: 13E82

HIMMESTER B.E ELECTRICAL AND ELECTRONICS ENGINEERING



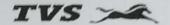
THIAGARAJAR COLLEGE OF ENGINEERING

MADURAI

that successfully carried out the project work between JANUARY 2017 and APRIL 2017 under my supervision

Mr. K ANIRUDH MURTHY

MEMBER R&D



This is to certify that the project on,

BRAKE BY WIRE IN THREE WHEELER

is a bonafide work of

R.SATHEESHVANAN

REG NO: 13E92

*** MEMESTER B.E ELECTRICAL AND ELECTRONICS ENGINEERING



THIAGARAJAR COLLEGE OF ENGINEERING MADURAI

what has successfully carried out the project work between JANUARY 2017 and APRIL 2017 under my supervision

Mr. K ANIRUDH MURTHY

MEMBER R&D

TVS MOTOR COMPANY LTD, HOSUR

TVS

This is to certify that the project on,

BRAKE BY WIRE IN THREE WHEELER

is a bonafide work of

M.VINOTH KUMAR

REG NO: 13E116

*** ** MESTER B.E ELECTRICAL AND ELECTRONICS ENGINEERING



THIAGARAJAR COLLEGE OF ENGINEERING MADURAI

under my supervision

D. Carri Reddy Mr. DUMPALA GANGI REDDY

MANAGER

RESEARCH AND DEVELOPMENT

Honeywell Technology Solutions Lab Pvt. Ltd.

CIN: U72200KA 1994FTC016379 Thiaparajar College of Engineering Thiruparakundram, Madurai 625 015, INDIA. Tel: +91-452-248 8070 Fax: +91-452-248 7884

Apr 2017

varaj S 5: 11224398

TO WHOMSOEVER IT MAY CONCERN

Subject - Partial Project Completion Certificate

* In to certify that Selvaraj S is working with us as a Project Trainee at HON Tech Solutions

Pvt Ltd, Thiagarajar College of Engineering Campus, Thiruparankundaram, Madurai
015, India in the project titled "Asset Health Management System."

project has been carried out as a partial fulfillment of his Degree Course. The Project shall remed as completed only at the end of the Internship period.

my verification on the above details, please email HRHelp@honeywell.com

laneywell Technology Solutions,

en Mehrotra

tor HR - HTS India

onehisto

Il-mail: india.communications@honeywell.com, Website: honeywell.com/country/in/



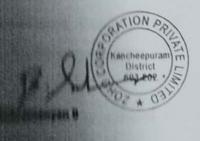
ZOHO Corporation Private Limited

Estancia IT Park, Piot No.140, 151, Vallanchery Village, Chengalpet Taluk, Kancheepuram District - 603 202 Tamilinadu. Ph; +91- 44 - 6744 7070, Fax: +91- 44 - 2270 7172 www.zohocorp.com

Dated:21-Apr-17

PROJECT COMPLETION CERTIFICATE

this is to certify that Santhosh Kumar V(PT-1284/17) final year EEE of Thiagarajar College of Engineering has successfully completed his/her final year project titled AD LDS Object management and reports in Zoho to performance and the performance and the santhost were found to be Good.



Bruskuu)



(Associate-HR)



CERTIFICATE

the certify that the project entitled **Activity Tracking Wearable** is a record of work that the project entitled **Activity Tracking Wearable** is a record of work that the tracking Service, **TITAN COMPANY LIMITED**, Bangalore by **S.NAVEEN**, a sudent of Bachelor of Engineering degree in Electrical and Electronics Engineering the internship period of the state of the sta

THE SHEBIOLY,

in than Company Limited, Bangalore

Wolf Hajori, Assistant Manager

and at the hoology Services Department

Titan Company Limited (formerly Titan Industries Limited)

Main Road Yamalur Main Road Yamalur Post Bengaluru 560 037 India. Tel 91 80 6660 9000 Fax 91 80 6660 8073

See Section Facility Floring Hosur 635 126 TN India Tel 91 4344 664 199 Fax 91 4344 276037. CIN: L74999TZ1984PLC001456

www.titan.co.in

A TATA Enterprise

Date: 21st April 2017

This is to certify that the Ms. K. PADMAVATHI has worked as an Intern with 1011 V from January 2017 to April; 2017 and successfully Completed her Project work untitled "DEVELOPING AND TESTING OF TELEMATICS THACKER FOR DICV VEHICLES", in partial fulfilment for the requirement the helder Of Engineering Degree in Electrical and Electronics Engineering.

Y. Barathvajan

(Senior Manager - TP & Electrical Testing)

Senior Manager - Functional Testing Daimler India Commercial Vehicles Pvt. Ltd.

2 1 APR 2017

esspargija tilliten i krit 2011 - Egal Hoor, Campus 3B, 1862 - Audennia Business Park, 152 - Italia Boad, Perungudi, 163 - Italia Boad, Perungudi, 163 - Italia Boad, Bood 162 - Italia Boad, Bood Registered Office: SIPCOT Industrial Growth Centre, Oragadam Mathur Post, Sriperumbudur Taluk Kancheepuram District, PIN-602105 Tamil Nadu, India Phone: +91 44 4969 4000 Fax: +91 44 4969 4881



Date: 21-04-2017

Bonafide Certificate

This is to certify that Mr.BALAMURUGAN MIPSINDO030), from THIAGARAJAR

COLLEGE OF ENGINEERING, MADURAL is under going internship at PLATFORM 3

TECHNOLOGIES PVT LTD CHENNAI from 16/12/2016 to 16/06/2017. As part of internship he has completed the project on "PREDICTIVE ANALYSIS ON HEALTH CARE DATASET BY DECISION TREE ALGORITHM AND ANFIS" from December 2016 to April 2017.



PLATFORM 3 TECHNOLOGIES PRIVATE LIMITED, #143/60, Easwaran Salai, Karapakkam, Chemnai-97



1 Dec 2016.

The Head of the Department, Electrical & Electronics Engineering, Thiyagarajar College of Engineering, Madurai.

Sub: Permission for Project Training - Reg.

We are pleased to inform you that the application of Ms. Meena student of Electrical & Electronics Engineering of Thiyagarajar College of Engineering has been considered for undertaking project training in our organization on the following terms and conditions:

- 1. The duration of Project Training will be for a maximum period of 6 months starting from 15 Dec 2016 till completion of assigned projects.
- 2. Accommodation and transport arrangements have to be taken care by your student.
- During this training period, he must strictly adhere to the rules and regulations of the company.
- 4. The student will be paid stipend of Rs. 10,000/- per month during his training period.
- 5. 2 stamp size photos should be produced to the time office, while reporting.
- 6. During this training period his internal guide would be Mr. Ravidas Bhat.
- 1. Kindly acknowledge the receipt and confirm the same.

Please report at 8.30 am at the following address:-

28 SIPCOT Industrial Complex, Hosur - 635 126.

Yours faithfully,

for Titan Company Limited, Problem Engineering Division).

mand I)

Human Resources

PRECISION ENGINEERING DIVISION
28 Sipcot Industrial Complex Hosur 635 126 TN INDIA Tel 91 4344 664831 Fax:91 4344 276523

133/133 DivyaSree Technopolis Yamalur Main Road Yamalur Post Bengaluru 560 037 India.Tel 91 80 6660 9000 Fax 91 80 6660 8073

www.titan.co.in

A TATA Enterprise



QUALCOMM INDIA PRIVATE LIMITED, BANGALORE

This is to certify that project on the title

"SYSTEM INTEGRATION OF USB-PD"

is a bonafide work of

Mr. RAKESH KUMAR

REG.NO. 13E78

RTH SEMESTER B.E. ELECTRICAL & ELECTRONICS ENGINEERING



THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI

un has successfully carried out the project work between JANUARY 2017 AND APRIL 2017 under my supervision.

Viraylamor. P. Malloge.

Vinay Mallapur Engineer, Staff Qualcom India Pvt. Ltd. BANGALORE



22nd Apr'17

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr. Moka Sankar D, student of Electrical & Electronics taginsering from Thiagarajar College of Engineering is pursuing his project titled forting Machine" in our organization since 15-12-2016.

The duration of his project will be for a maximum period of 6 months from his

Tours faithfully.

For ITTAN COMPANY LIMITED,

ITTAN Engineering Division)

ANAMO D

PRECISION ENGINEERING DIVISION

#Experiment trail complex Hosur 635 126 TN IND A Tel \$1 4344 564831 Hax : 91 4344 276523

The Fig. 1 and 4 find a self-complex Hosur 635 126 TN IND A Tel \$1 4344 564831 Hax : 91 4344 276523

The Fig. 1 and 4 find a self-complex Hosur 635 126 TN IND A Tel \$1 4344 564831 Hax : 91 4344 276523

INTERNSHIP REPORT ON GTTI

The next interesting internship training held at G.D.NAIDU technical training institute, Coimbatore had made us gain lot more practical knowledge. The beginning session involved introductory session of GTTE members. The first three days (June 1-4) we had the theory classes held by Mr. Jithin on metallurgy, Mr. Prakash thomas on hand-tools, Mr. Arun kumar on engineering drawing, which were brief and to the point, though we were electrical student we were able to get along with that curriculum.

This was followed by the enjoyable art of learning where our three days of theoretical knowledge were put in a practical manner from June 5-10. Our hands became the friends of files, enemies of fear and lover of work mans pain. Initially there was more struggle to maintain the balance, straightness and smoothness of the job, later we were able to adapt it. The most admirable thing out of all was that Mr. Harindran sir who helped us do filing was wondered, to see u, complete our work in advance and he also mentioned us as the best batch out of al. though we got many blasts all such things turned out as the reason for perfection at our work.

Then we had the very innovative area of learning from June 11-26, where there was theory classes on basic electronics, though the topics were like a review of what we've learned, Mr.Jeyaprakash sir took us in depth with all topics, he was not suck up only with the given topic he took us lot more beyond it and tickled our nerves and made our minds stay active, alert, creative and energetic. His way of teaching helped us work on projects on our self. This led to the creation of

- 1. Anti-sleep goggles for drivers
- 2. Speed-breaker detector
- 3. Energy recycler for automobiles
- 4. Fuel dry run preventor

All our projects were very successful and we were able to feel the real happiness out of our creation. This gave us courage to make us come up with more projects in future. And also we had valedictory function on June 27 where we had our chief guest and prize winners.

Out of all we were so sorry that we could not be on time at GTTI due to transport problem and the late arrival of breakfast at PSG hostel which was later made earlier, even then transportation problem made us reach late by 10 or 15 mins, Provided for girls the room given for accommodation was so untidy and girls cleaned it on their self. The other food and water facilities were good at PSG hostel. All requirements were in reach to the place of stay.

And we also admit our mistake of making night travel from Coimbatore to Hosur and make sure that we will not make it again.

This report is on behalf of the entire EEE department students

BY

ARUN GAYATHRI,
CO ORDINATOR,EEE,
TCE, MADURAI.

INTERNSHIP REPORT ON TRAINING HELD AT HOSUR

As days go on... immediately after our semester exams, we put our foot to step into Hosur to get on with our internship atTVS. Initially it was a tough time to leave our home during vacation and to get involved in such activity. Yet with a positive attitude and self- determination that was a good start with the health measurement program on Sunday 15 may. When it was told health session we just thought they would check out with our BMI and nothing more than that, but only then it was known by us that it was to measure all our mental, social and physical well being with a help of few very interesting tests like reading of colors, cancelation of numbers and our response to few practical situations.

The second session on may 18 involved the view on the history of TVS, by Mr.karthick sir and the introductory part of an inspiring person –Mrs.Mrithul mam and this session not only involved the history of TVS but it also made us know how disciplined the TVS company is being carried out. End of that session accompanied the completion of few worksheets.

The next two days went on with DISHA program from may 19 to 21, by M.Naveen sir on ways to goal setting. He just really made us think what our birth is meant for. He made us think we are not a common man and we are someone special who got to have a clear path to our smart goals in relationship with our personal values. Inspite of this session being interesting we wished that two full days of time being spent in this was lavish than required.

Then came the most interesting part of the internship and it was the JED-I program from may 22 to 25, where we had Mr.Rohit, Mr.Leo and Mr.Barath who took this session in a very realistic and interactive manner. Our hands were able to work on wires and circuits, our mind was able to create programs with no stress and strain. A play of three days went so good with no much negatives were we made our led's glow, motors run, buzzer sounds with our circuits and programs. The ending part of this program made us really be creative, competitive and enthusiastic with our hand-made speedometers, anemometers using an LCD display. The happiness with the success in outputs was enjoyed by each and every

one of us, which kindled us to go for the extension of this program being more than three days.

Next it was the most awaiting event on may 26, the tvs plant visit. We had a few classes on safety measures to be followed in shop floor and in industry. Afternoon session we were inside the production unit, where all our minds got active and curious to know what is what, we were able to grasp the happenings at production, assembly and testing centre. All these stuffs were like dream come true. We had no heart to leave the plant. And we wished this visit would have been extended instead of restricting it within one day.

The last but not the least, it was the product training centre on may 27 and 28, where we realized and learnt the art of making a vehicle out of the required parts which were briefed to us during the course time. One main thing to say with is that this session first involved the explanation about TVS branch and their products and the main parts out of which the products are being mad, all such things when it was in words we were not able to clearly visualize what is what but then it was registered in our minds when we were able to touch and feel every parts and the most interesting area of work knowledge was the disassembling and assembling of WEGO and apache vehicles.

Out of all the only matter of inconvenience was that accommodation at Hosur where for boys there was not sufficient restrooms and for girls the rest rooms were not clean. There was improper draining of water and wastes which we found it to be unhygienic and uncomfortable. We don't blame on it, we just put a word, so that it would help our juniors and our fore-coming internships.

This report is on behalf of the entire EEE department students.

BY

ARUN GAYATHRI,

CO ORDINATOR, EEE,

TCE, MADURAI.