

**1.3.4 Percentage of students undertaking field projects / student projects/internships (Data for the latest completed academic year) (10)**

Sl.No	Programme name	Program Code	Internship Detail Link	Project Detail Link
1	B.E MECHANICAL ENGINEERING	ME	<a href="https://newhorizon-mechanical-engineering.s3.ap-south-1.amazonaws.com/nhengineering/mechanical-engineering/wp-content/uploads/2021/05/21091233/Student-Internships-2019-2020.pdf">https://newhorizon-mechanical-engineering.s3.ap-south-1.amazonaws.com/nhengineering/mechanical-engineering/wp-content/uploads/2021/05/21091233/Student-Internships-2019-2020.pdf</a>	<a href="https://newhorizon-mechanical-engineering.s3.ap-south-1.amazonaws.com/nhengineering/mechanical-engineering/wp-content/uploads/2021/05/21091622/Project-batches-2019-20.pdf">https://newhorizon-mechanical-engineering.s3.ap-south-1.amazonaws.com/nhengineering/mechanical-engineering/wp-content/uploads/2021/05/21091622/Project-batches-2019-20.pdf</a>
2	M.Tech - Machine Design	MMD	<a href="https://newhorizon-mechanical-engineering.s3.ap-south-1.amazonaws.com/nhengineering/mechanical-engineering/wp-content/uploads/2021/05/22084027/PG-Internship-2019-20.pdf">https://newhorizon-mechanical-engineering.s3.ap-south-1.amazonaws.com/nhengineering/mechanical-engineering/wp-content/uploads/2021/05/22084027/PG-Internship-2019-20.pdf</a>	<a href="https://newhorizon-mechanical-engineering.s3.ap-south-1.amazonaws.com/nhengineering/mechanical-engineering/wp-content/uploads/2021/05/21091512/PG-Project-details-2019-20.pdf">https://newhorizon-mechanical-engineering.s3.ap-south-1.amazonaws.com/nhengineering/mechanical-engineering/wp-content/uploads/2021/05/21091512/PG-Project-details-2019-20.pdf</a>
3	B.E INFORMATION SCIENCE AND ENGINEERING	IS	<a href="https://newhorizon-information-science-engineering.s3.ap-south-1.amazonaws.com/nhengineering/information-science-engineering/wp-content/uploads/2021/04/15065539/InternshipProjects-.pdf">https://newhorizon-information-science-engineering.s3.ap-south-1.amazonaws.com/nhengineering/information-science-engineering/wp-content/uploads/2021/04/15065539/InternshipProjects-.pdf</a>	<a href="https://newhorizon-information-science-engineering.s3.ap-south-1.amazonaws.com/nhengineering/information-science-engineering/wp-content/uploads/2021/04/15065539/InternshipProjects-.pdf">https://newhorizon-information-science-engineering.s3.ap-south-1.amazonaws.com/nhengineering/information-science-engineering/wp-content/uploads/2021/04/15065539/InternshipProjects-.pdf</a>
4	B.E AUTOMOBILE ENGINEERING	AU	<a href="https://newhorizon-automobile-engineering.s3.ap-south-1.amazonaws.com/nhengineering/automobile-engineering/wp-content/uploads/2021/03/18103442/internship-details-2019-20.pdf">https://newhorizon-automobile-engineering.s3.ap-south-1.amazonaws.com/nhengineering/automobile-engineering/wp-content/uploads/2021/03/18103442/internship-details-2019-20.pdf</a>	<a href="https://newhorizon-automobile-engineering.s3.ap-south-1.amazonaws.com/nhengineering/automobile-engineering/wp-content/uploads/2021/04/19110949/project-work-8th-sem.pdf">https://newhorizon-automobile-engineering.s3.ap-south-1.amazonaws.com/nhengineering/automobile-engineering/wp-content/uploads/2021/04/19110949/project-work-8th-sem.pdf</a>
5	B.E CIVIL ENGINEERING	CV	<a href="https://newhorizon-department-of-civil-engineering.s3.ap-south-1.amazonaws.com/nhengineering/department-of-civil-engineering/wp-content/uploads/2021/04/22084607/4b.-INTERNSHIP-DETAILS.pdf">https://newhorizon-department-of-civil-engineering.s3.ap-south-1.amazonaws.com/nhengineering/department-of-civil-engineering/wp-content/uploads/2021/04/22084607/4b.-INTERNSHIP-DETAILS.pdf</a>	<a href="https://newhorizon-department-of-civil-engineering.s3.ap-south-1.amazonaws.com/nhengineering/department-of-civil-engineering/wp-content/uploads/2021/04/22084602/4a.-PROJECT-DETAILS.pdf">https://newhorizon-department-of-civil-engineering.s3.ap-south-1.amazonaws.com/nhengineering/department-of-civil-engineering/wp-content/uploads/2021/04/22084602/4a.-PROJECT-DETAILS.pdf</a>

6	B.E COMPUTER SCIENCE AND ENGINEERING	CS	<a href="https://newhorizon-department-of-computer-science-engineering.s3.ap-south-1.amazonaws.com/nhengineering/department-of-computer-science-engineering/wp-content/uploads/2021/05/21060735/B.E_ Internship_19_20.pdf">https://newhorizon-department-of-computer-science-engineering.s3.ap-south-1.amazonaws.com/nhengineering/department-of-computer-science-engineering/wp-content/uploads/2021/05/21060735/B.E_ Internship_19_20.pdf</a>	<a href="https://newhorizon-department-of-computer-science-engineering.s3.ap-south-1.amazonaws.com/nhengineering/department-of-computer-science-engineering/wp-content/uploads/2021/05/21060737/B.E-CSE-projectdetails-2019-20.pdf">https://newhorizon-department-of-computer-science-engineering.s3.ap-south-1.amazonaws.com/nhengineering/department-of-computer-science-engineering/wp-content/uploads/2021/05/21060737/B.E-CSE-projectdetails-2019-20.pdf</a>
7	M.Tech-CSE	SCS	<a href="https://newhorizon-department-of-computer-science-engineering.s3.ap-south-1.amazonaws.com/nhengineering/department-of-computer-science-engineering/wp-content/uploads/2021/05/21060811/M.Tech-CSE-Internship-2019-2020.pdf">https://newhorizon-department-of-computer-science-engineering.s3.ap-south-1.amazonaws.com/nhengineering/department-of-computer-science-engineering/wp-content/uploads/2021/05/21060811/M.Tech-CSE-Internship-2019-2020.pdf</a>	<a href="https://newhorizon-department-of-computer-science-engineering.s3.ap-south-1.amazonaws.com/nhengineering/department-of-computer-science-engineering/wp-content/uploads/2021/05/21060814/M.Tech-CSE-Project-2019-2020.pdf">https://newhorizon-department-of-computer-science-engineering.s3.ap-south-1.amazonaws.com/nhengineering/department-of-computer-science-engineering/wp-content/uploads/2021/05/21060814/M.Tech-CSE-Project-2019-2020.pdf</a>
8	B.E ELECTRONICS & COMMUNICATION ENGINEERING	EC	<a href="https://department-of-electronics-and-communication-engineering.s3.ap-south-1.amazonaws.com/nhengineering/department-of-electronics-and-communication-engineering/wp-content/uploads/2021/03/26094458/Internship_Details_2019-2020.pdf">https://department-of-electronics-and-communication-engineering.s3.ap-south-1.amazonaws.com/nhengineering/department-of-electronics-and-communication-engineering/wp-content/uploads/2021/03/26094458/Internship_Details_2019-2020.pdf</a>	<a href="https://department-of-electronics-and-communication-engineering.s3.ap-south-1.amazonaws.com/nhengineering/department-of-electronics-and-communication-engineering/wp-content/uploads/2021/05/21042650/Project-Details-2019-2020.pdf">https://department-of-electronics-and-communication-engineering.s3.ap-south-1.amazonaws.com/nhengineering/department-of-electronics-and-communication-engineering/wp-content/uploads/2021/05/21042650/Project-Details-2019-2020.pdf</a>
9	B.E ELECTRICAL & ELECTRONICS ENGINEERING	EE	<a href="https://department-of-electrical-and-electronics-engineering.s3.ap-south-1.amazonaws.com/nhengineering/department-of-electrical-and-electronics-engineering/wp-content/uploads/2021/04/16115414/Internship-2019.pdf">https://department-of-electrical-and-electronics-engineering.s3.ap-south-1.amazonaws.com/nhengineering/department-of-electrical-and-electronics-engineering/wp-content/uploads/2021/04/16115414/Internship-2019.pdf</a>	<a href="https://department-of-electrical-and-electronics-engineering.s3.ap-south-1.amazonaws.com/nhengineering/department-of-electrical-and-electronics-engineering/wp-content/uploads/2021/04/16115419/Projects-2019.pdf">https://department-of-electrical-and-electronics-engineering.s3.ap-south-1.amazonaws.com/nhengineering/department-of-electrical-and-electronics-engineering/wp-content/uploads/2021/04/16115419/Projects-2019.pdf</a>
10	MASTER OF COMPUTER APPLICATION	MCA	<a href="https://newhorizonindia.edu/nhengineering/mca/wp-content/uploads/2021/04/2019-20-Internship-Project-Details.pdf">https://newhorizonindia.edu/nhengineering/mca/wp-content/uploads/2021/04/2019-20-Internship-Project-Details.pdf</a>	<a href="https://newhorizonindia.edu/nhengineering/mca/wp-content/uploads/2021/04/2019-20-Internship-Project-Details.pdf">https://newhorizonindia.edu/nhengineering/mca/wp-content/uploads/2021/04/2019-20-Internship-Project-Details.pdf</a>
11	MASTER OF BUISNESS ADMINISTRATION	MBA	<a href="https://newhorizon-mba.s3.ap-south-1.amazonaws.com/nhengineering/mba/wp-content/uploads/2021/05/21072152/Internship-details-2018-2019.pdf">https://newhorizon-mba.s3.ap-south-1.amazonaws.com/nhengineering/mba/wp-content/uploads/2021/05/21072152/Internship-details-2018-2019.pdf</a>	<a href="https://newhorizon-mba.s3.ap-south-1.amazonaws.com/nhengineering/mba/wp-content/uploads/2021/04/21053315/Project-Details.pdf">https://newhorizon-mba.s3.ap-south-1.amazonaws.com/nhengineering/mba/wp-content/uploads/2021/04/21053315/Project-Details.pdf</a>

# **SAMPLE INTERNSHIP CERTIFICATES**

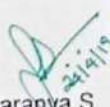
24-04--2019

#### PROJECT COMPLETION CERTIFICATE

This is to certify that **Mr.AMBARISH B.S**, bearing (USN No. 1NH16MCA07) a bonafide student of **NEW HORIZON COLLEGE OF ENGINEERING**, pursuing his **MCA**, has worked on the project entitled "**MAX GATEWAY TRACKER FOR THE SECURED PAYMENT GATEWAY**" from January 2019 to April 2019 at our organization **SORBIX LLC-Bangalore**, and has successfully completed the internship program.

During the tenure of the project, he was found punctual, hardworking and inquisitive. We wish all the best for his future endeavors.

For, Sorbix LLC

  
Sharanya S  
(HR-ADMN)





**SOUTH WESTERN RAILWAY**

Divisional office,  
S&T Branch,  
Bangalore-23.

Ref: B/SG.21/I/Misc./SSE/Tele/Exch/SBC

Date:07/03/2020

**TO WHOM IT MAY CONCERN**

This is to certify that **Ms. MONIKA B RATHOD**, a student of B.E (Department of Electrical and Electronics Engg.) of USN **1NH16EE035**, New Horizon College of Engineering, Bengaluru has been successfully completed internship on "**Signal & Telecom Department**" from 06/02/2020 to 06/03/2020 at Indian Railways Bengaluru Division. During the period of her internship programme with us she was found punctual, hardworking and inquisitive.

We wish her very successful life.

Place: Bengaluru

*N. Ravindra*  
7/2/20  
Issuing Authority

RAVINDRA KANDLAGUNTA

(D.S.T.E/SBC)  
म.सि व दू.ब.ई./बे.  
DSTE/SBC

Date – June 1<sup>st</sup>, 2020

**TO WHOMSOEVER IT MAY CONCERN**

**Sub: Technical Trainee**

This is to certify that Mr Akhil Josef, has successfully completed his Foundation Training in our organization as a Technical trainee.

The details of the training are as follows:

Training	: Full Stack Training
Start Date	: January 21 <sup>st</sup> , 2020
End Date	: May 29 <sup>th</sup> , 2020
Department Head	: Muruganantham A

During the above-mentioned period we found him to be sincere, hardworking and obedient.

Yours faithfully,  
For **HEXAWARE TECHNOLOGIES LIMITED**

*Monica Mathur*

**Monica Mathur**  
Associate Vice President, Recruitment

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**HEXAWARE TECHNOLOGIES LTD.**

Regd. office: Bldg No. 152, Millennium Business Park, Sector - III, 'A' Block, TTC Industrial Area, Mahape,  
Navi Mumbai, 400710, Tel. : +91 22 6791 9595, Fax : +91 22 6791 9500  
(CIN) : L72900MH1992PLC069662 URL: [www.hexaware.com](http://www.hexaware.com)





April 17, 2020

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that **Jain,Rahul Vivek (RJ078211)** ("Intern") has undertaken internship project from our organization **Cerner Healthcare Solutions India Private Limited** ("Company") from **January 13, 2020** under the managerial guidance of **J B, Binay (Team Lead Senior Onboarding partner)**.

During the internship, Intern has undertaken project "**Weather REST Client**" under the mentor guidance of **V,Ashwath Sai (Associate Senior Software Engineer)** and the project report is being submitted to **New Horizon College of Engineering** by **Jain,Rahul Vivek (1NH16CS086)** in partial fulfillment for awarding degree of **B.E/Computer Science and Engineering**.

Yours sincerely,  
For **Cerner Healthcare Solutions India Private Limited**

**Vivek Naik**  
**Senior Manager, HR Service Center**



For all future queries contact the HR Service Center with associate ID at <https://hrservicecenter.cerner.com> or utilize QR code for easy access. Please allow up to 72 business hours for a response.

To utilize the QR code for easy mobile access, please download a QR code reader onto your smart mobile device.

# Internship Certificate

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This is to certify that **Nishant Jha** bearing University Seat Number **1NH16ME732**, student of **New Horizon College of Engineering - Bangalore**, Affiliated to **VTU** has successfully completed the internship at **QuEST Global (Bangalore)** in the **Deep Learning, Embedded IIoT** vertical, under the guidance of **Mr. Yeshraj Singh** from **16/01/2020** to **05/05/2020**

Topic of Internship: **Predictive Maintenance for Wind Turbine**

The candidate's conduct during the tenure of the internship has been Very Good.

QuEST Global wishes the candidate all success in their future endeavors.

**Authorized Signatory**  
Guruprasad N  
Lead- University Relations



## **SAMPLE INDUSTRIAL/FIELD VISIT REPORT**

## DEPARTMENT OF AUTOMOBILE ENGINEERING

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### A Report on Industrial Visit to Nandi Toyota Motor Works, Kudlu Gate, Bengaluru.

An Industrial visit was conducted to **Nandi Toyota Motor Works, Kudlu gate, Bengaluru on 3<sup>rd</sup> February 2020** by the Department of Automobile Engineering for students of 4<sup>th</sup> and 6<sup>th</sup> semester. Around 50 students participated in the visit, along with two faculty coordinators. Transportation was by College Bus. Visit was from 2pm to 5 pm.

The visit started with a presentation by **Mr. Rajendran, HOD, External training Program, Nandi Toyota**, discussing the nature of work done by Nandi Toyota and their policies. Presentation was followed by technical discussion on topics of BS VI norms and its importance. It was a discussion forum where students asked a number of questions.

Mr. Rajendran his team walked through the shop floor explaining the various vehicles and its sub systems. Discussion on the **need and working of BS VI engines and its components** were discussed in details. Topics on different vehicle overhauling methods and procedure were discussed briefly. Identifying vehicle Diagnostic trouble codes with OBD scanners was also shown and discussed briefly. The visit ended with a Q&A session and students become more aware of industry practices and regulations during this visit.





Glimpes of the visit

  
HOD  
Department of Automobile Engineering  
New Horizon College of Engineering  
Ring Road, Bellandur Post, Near Marathahalli, Bangalore - 560 103

**HOD-AU**

# **New Horizon college of Engineering**

## **Department of Civil Engineering**

### **Extensive Survey Camp 2021 report**

Extensive survey camp is a part of the curriculum for the students of sixth semester. This time the camp was conducted in two batches to maintain SOP as per VTU guidelines due to covid-19 for duration of 14days (each batch 7 days) at Ghatti Subramanya, Doddaballapura from 22<sup>nd</sup> February to 06<sup>th</sup> to March 2021.

The camp comprised of four major projects such as Highway Project, Village water supply Engineering, New Tank Project, and Town planning.

This camp was aimed to groom civil engineering students with essential knowledge and exposure to the real work, and to encourage leadership and teamwork skills. This survey camp resulted in encouraging and supporting students, emerging as leaders in several areas of academic provision.

The fourteen days camp encompassed various surveying exercises- Fly levelling, compass surveying, theodolite surveying and plane table surveying and Contouring. In the camp all the students of Civil Engineering Department were rigorously trained in all the practical aspects in carrying out surveying projects.

The town planning project was executed in the college premises wherein the students were given a first-hand practical exposure in setting out, preparing layout for foundation etc .taking into consideration social, economical, environmental and ecological factors.













# **INDUSTRIAL VISIT REPORT**

Date: 04-02-2020

Company Name: HOT LINE TRAINING CENTRE (HLTI)

Address: Kanakapura main road  
Somanahalli, Bengaluru,  
Karnataka--560116

Contact numbers: Deputy Director, Mobile-9731376888

About company:

HOTLINE TRAINING CENTRES a unit under National Power Training Institute which is an esteemed institute that offers a variety of courses for electrical engineers in various facets of power systems. Engineers from various state/central electricity utilities, power companies, power corporations, industries, and engineering institutions. Engineers from neighboring countries are also participating in training courses.



Visiting Report:

Totally 57 students, 4 faculty members visited the site.



# **REPORT ON IV( HOT-LINE MANTAINCE OF TRANSMISSION LINE)**

EEE 6th-semester deals with power system analysis and power system protection; pertaining to these subjects we were taken to HOTLINE TRAINING CENTRE a unit under National Power Training Institute. we were briefed about courses offered by them and importance, methods, advantages, disadvantages of hotline/live line maintenance that is identifying the fault and rectifying the fault without interruption of power supply. Further, we were taken to the field and shown how it happens practically. We were provided knowledge regarding working and structures of client tower, source tower and suspension tower that forms a connection between them.

Later we were show isolators and how a single isolator can be used for two different voltage levels by varying the insulators mechanically and were taken to bus bay region and were shown how they connect a line, disconnect line. And how they match frequency of incoming line through wave trap and how voltage and current are matched with help PT and CT and given knowledge of lighting arrester.





Next we were shown samples of insulators and explained their electrical and mechanical properties along with their types. Also showed the latest model of insulators used and their advantages over it. silicon coated insulators are the latest and ceramic insulators are the ancient insulators due to less space consumption and less weight, silicon insulators are preferred over ceramic and glass insulators. Highlight of the visit was that we were shown practically in small scale how live line maintenance is carried out and educated about the tools it. After the demonstration session we were given a chance to try on.





Afternoon session we were shown conductive suit that should be used by line man's while working on conductors and brief overview of day's session

In a nutshell learning was fun. we had very informative session with professionals of Hot line training centre Bengaluru as budding electrical engineers it was really a good experience to know how things happen in practice .



**Organized and coordinated by:**

1. Mr. S.Inbasakaran, Sr.Asst.Prof.
2. Mr. Mohan B.S, Sr.Asst.Prof.

**Thankful to Source Provider:**

1. Mr.L.ShivaKumar, Deputy Director
2. Mr.Roopash , Demonstrator/Instructor





### **IMTEX-2020 Report**

Indian Machine Tool Manufacturers' Association (IMTMA) has organized its flagship **IMTEX FORMING 2020** at the Bangalore International Exhibition Centre (BIEC) from **23<sup>rd</sup> to 28<sup>th</sup> January 2020** in Bengaluru. IMTMA is the apex body and single point of contact for machine tool industry in India. IMTMA plays a crucial role in the growth and development of metal working industry in the country.

**IMTEX FORMING 2020** has been be a significant exhibition for South East Asia with the presence of leading national and international manufacturing firms from the metal forming sector. IMTEX FORMING 2020 was greatly expanded fair which has featured **all aspects of forming technologies, predominantly sheet metal forming**. This exclusive business-to-business event has attracted Indian and foreign exhibitors who would offer a range of technologically innovative manufacturing and engineering products and applications. **Tooltech 2020**, a concurrent event of dies & moulds, forming tools, machine tool accessories, metrology and CAD/CAM was held simultaneously.

The students (around 120 no's) from **VI SEM A, B & C Sections of Mechanical Engineering, New Horizon College of Engineering, Bangalore** have been taken to visit **IMTEX FORMING 2020** on **26<sup>th</sup> Jan 2020**. IMTMA also provided an opportunity for Indian Academic / R&D Institutions to show case their R&D capabilities in Metal working field. Forming technologies, predominantly sheet metal forming with technologically innovative manufacturing and engineering products and applications were more informative to understand new development for the students.

During the visit, Students interacted with different exhibitors and discussed about latest technologies in metal Forming. This visit was an **awareness programme for imparting knowledge on ever changing machine tool industry** for young engineers. Students from mechanical engineering stream understood the importance of machine tool industry growth of country.

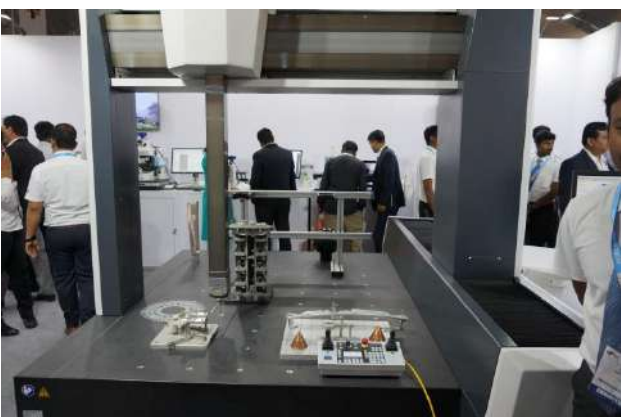
Students have witnessed the participation of **various Manufacturing Industries** from **23 countries** including India at **IMTEX FORMING 2020**. This exhibition really helps the students in building up the self-confidence and to become an entrepreneur.

Some of the major stalls visited during the visit of **IMTEX FORMING 2020** are listed below:

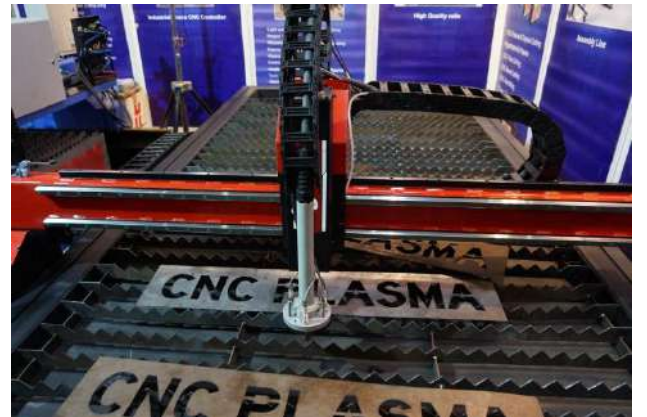
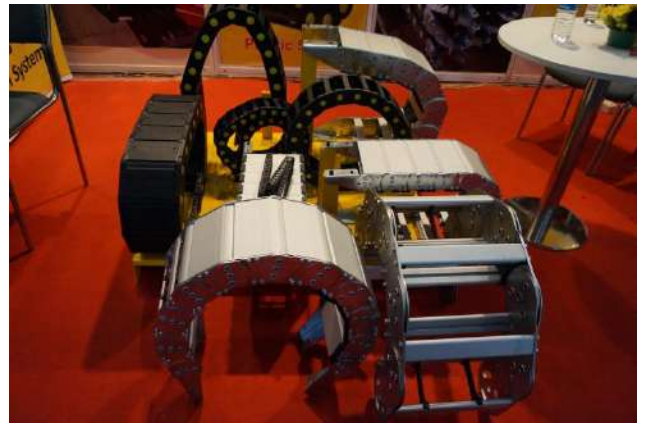
- ✓ **Seal Cutting Machine** from **SCHNELL Co.** featured for custom designed CNC lathes for metal cutting
- ✓ **Vishwa 3D printing services** featured for 3D printing solutions for Engineering, Dental & Jewellery
- ✓ **Deepa Hydraulics** featured for manufacturing of all types of hydraulics presses, power packs and cylinders
- ✓ **Autonomous Material Handling** from **Yantrallp Co.** featured for making AGVs for material handling
- ✓ **Kaichuang Spring Machinery Co. Ltd**, famous for manufacturing CNC spring coiler
- ✓ **BHAVYA Machine Tools**, famous for supplying CO2 laser cutting & engraving machine
- ✓ **Simufact Forming**, it is simulation tool for hands-on professional working with forming technology. The software is aligned to the practical needs of our users.
- ✓ **BEYOND BENDING** from **Numalliance Co.** which is the world leading manufacturer of CNC wire, tube, spring and flat stock bending machines.
- ✓ **HAN'S LASER** smart equipment group which provides an affordable laser cutting solution for everyone.
- ✓ **SCHULER** which is the technological and global market leader in the field of forming technology. It provides presses, automation solutions, dies, process expertise and service for the entire metal working industry and for light weight automobile construction.
- ✓ **Muratec Machinery Ltd.** From **Japan**, this is contributing to protect environment by producing ECO friendly machine.
- ✓ **AUK cutting hub Pvt. Ltd** which offers the solution for more laser capacity to meet the production demand and machine limitations.
- ✓ **Lakshmi Ring Travellers (LRT) Pvt. Ltd.** From **Coimbatore** featured for supplying CNC profile cutting machines.
- ✓ **Machine Tool (India) Ltd** (popularly known as MTI) which has the aim to provide the highest quality of products and services for the challenging needs of our customers.
- ✓ **Sandstorm Equipment Co.** which manufactures the complete range of shot blasting & painting systems.
- ✓ **PROTIQ-IND (3D printing)**, which is providing expertise in additive manufacturing.
- ✓ **Ability Engineering Pvt. Ltd.** From Chennai which is in tool manufacturing business for more than 25 years and is manufacturing more than 1000 tools / dies every year.
- ✓ **Andreas Maier Work holding Technology Pvt. Ltd.** Provides varieties of clamping systems such as grippers, vacuum clamping, magnetic clamping, hydraulic clamping etc.

and many more...

## Glimpses of IMTEX FORMING-2020 visit







# Report on INDUSTRIAL VISIT to AKSHAYAPATHRA FOUNDATION



## INTRODUCTION

On 27-12-2019, we students of NEW HORIZON COLLEGE OF ENGINEERING, MBA Dept, visited AKSHAYAPATHRA FOUNDATION, Bangalore. This foundation was established by Pandit A.C. Bhaktivedanta Swami Prabhupada, in year 2000, in order to eliminate classroom hunger by implementing the Mid-Day Meal Scheme in the government schools and as well aided government schools. It also focus on countering malnutrition and supporting the right education of socio-economically disadvantaged children.

Today akshayapathra is the Worlds largest Mid day meal programme serving wholesome food every school day over 1.76 million children from 14702 schools across 12 states in India.

A group of 60 students visited this foundation along with visiting the ISKON temple. It was a great experience visiting foundation, as we were enlighten about such a great foundation, which works in development of the Society. Students were grouped in batch wise and allowed inside the production unit, where we were explained about the production process which includes cooking, testing and packing.

By this experience we got a knowledge about the gravitational force , on this unit total materials are supplying by the gravitational force without using any electric machines. The supplies of food materials from starting to final process.



Mr, sunil kumar , is the food processing head of unit, he clearly gave a introduction about the oral unit, also shows the storage an capacity of machine





The unit incharge shows a demo video at conference room about the role and objectives of akshaya patra, by this experience we got a oral aim of akshaya patra. Finally we got a ggod knowledge and we should not to wastage of food and should donate or sponsor. It was indeed a great experience to know about the operation of akshaya patra.



**A GROUP PHOTO OF ALL STUDENTS WITH LECTURER WHO VISITED THE SITE**

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## DEPARTMENT OF MECHANICAL ENGINEERING

### Industrial Visit report to M/s Federal Mogul Goetze (India) Ltd

Batch of V sem (A-section) B.E students (70+) and two staff coordinators from New Horizon College of Engineering visited the Federal Mogul industry at Bangalore on 11.8.2018. This unit is mainly focusing on the manufacturing of engine components.

Mr. Sreenivasu, Engineer, addressed the students and briefed about the company profile through power point presentation. After introduction Students were divided into two batches for visiting the manufacturing unit. He explained about the functioning and different steps involved in power train unit. Most of the raw materials used in the preparation of piston and piston rings were aluminium and cast iron. He also warned the students how to reach a safe assembly point if any accident happens in the unit during visit.

During the visit, students interacted with the Industry experts very effectively. Particularly about the materials used and their Processing methods. During the visit, students gained practical knowledge about the handling of the raw materials having different characteristics and properties. Many of the points explained theoretically during introduction were explained again practically.

This visit was highly useful for the students in terms of practical knowledge about the manufacturing of engine components. This visit will also be helpful for them to find placement opportunities in such industries.





## **DEPARTMENT OF MECHANICAL ENGINEERING**

### **Industrial Visit report to GTTC, Bangalore**

Students of 2nd-year Mechanical Engineering and two staff coordinators visited Government Tool Room & Training Centre (GTTC), Bangalore on 27/07/18 as a part of industrial visit. Students were divided into two batches and were taken to various Labs and departments in GTTC. Demonstration of various CNC machines (Turning and milling) was provided by GTTC staff. The tool and die making concepts used in manufacturing were explained and practically shown. Injection molding machines which are used in making of plastic parts were practically demonstrated.



## **INDUSTRIAL VISIT REPORT**

**Date:** 22-10-2019

**Company Name:** Linganamakki Power House, Shimoga

**Address:** Sagara taluk, Shimoga District, Karnataka

**About company:** In wake of the water level in Linganamakki reservoir, constructed across the Sharavati river, nearing the threshold, water was released at the rate of 15,993 cusecs on Tuesday by lifting 11 reservoir gates.

Owing to torrential rain in its catchment areas in the past three days, there has been a steady increase in the inflow of water into Linganamakki reservoir. The inflow, which was at the rate of 18,838 cusecs on Sunday, increased to 25,124 cusecs on Monday. On Tuesday, it was up further to 38,673 cusecs while the water level in the reservoir reached 1,818.9 feet, as against the maximum level of 1,819 feet.

Linganamakki reservoir is the source of water for the Sharavati hydel power project that has an installed capacity to generate 1,469 MW of power — 1,035 MW from Sharavati Generating Station, 240 MW from Gerusoppa Power Station, 139 MW from Mahatma Gandhi Power House, and 55 MW from Linganamakki Dam Power House. The water level in Linganamakki reservoir, which was constructed in 1964, has reached the brim on 15 times, with the last time being in 2018.

**Visiting Report:** Totally 94 students and 4 faculty members visited the Plant. Students were divided into three batches and visited the plant. Each batch was given with one plant Engineer to explain the power plant construction and its operation. Students were benefitted with this industrial visit since they could see all the components lively and power generation as well.

**Photos:**





**Organized and coordinated by:**

Dr.Ramkumar S, HoD-EEE

Dr.Gunapriya, Associate Professor

Prof. Joshua Daniel Raj, Sr.Assistant Professor

Dr.Prasanth Ram J, Assistant Professor

Prof. Lithesh J, Assistant Professor

Mrs.Roopu C, Assistant Professor

**INTERNSHIP CERTIFICATES OF STUDENTS AS  
MENTIONED BY DVV**

**15-04-2020**

**TO WHOM SO EVER IT MAY CONCERN**

This is to certify that Mr. Akhilesh Kadubur, Mr. E Ragavendra, Mr. S Sunil and Mr. Nikhil Chandra bearing USN 1NH18AU006, 1NH18AU042, 1NH17AU057 and 1NH19AU401 respectively, students of 4<sup>th</sup> semester B.E, Department of Automobile Engineering, New Horizon College of Engineering, Bengaluru, have successfully completed ‘ Mini-Project’ titled ‘Challenges of Electric Vehicles’ at Vexilum Labs, Bengaluru, from 20-01-2020 to 15-04-2020.

The conduct of the student remained good throughout the completion of the Project work.

We wish them all the best for their future endeavors.

Thanking you,

Yours truly,

For Vexilum Labs,

Madan Venkatesh S  
Digitally signed by  
Madan Venkatesh S  
Date: 2020.04.15  
11:42:20 +05'30'

# Fourth Dimension

*Build Career Beyond Success*



3<sup>rd</sup> May 2020

## **To Whom Do Ever It May Concern**

This is to certify that Krishna Ramalingam (1NH18AU024), Mandeep Singh (1NH18AU027) students of 4<sup>th</sup> semester B.E, New Horizon College of Engineering, Automobile Engineering department successfully completed a Mini-Project titled “Front Wheel Drive on four wheels” at Fourth Dimension, Bengaluru, during the period 16<sup>th</sup> January 2020 to 3<sup>rd</sup> May 2020.

Students showed good enthusiasm during the project and their conduct was good.

Best wishes for their future.

For Fourth Dimension





# Fourth Dimension

*Build Career Beyond Success*



3<sup>rd</sup> May 2020

## **To Whom Do Ever It May Concern**

This is to certify that Ankith Kumar Nayak (1NH18AU007), Nithin R (1NH18AU036), P Mohith (1NH18AU038), Vikas M (1NH18AU061), students of 4<sup>th</sup> semester B.E, New Horizon College of Engineering, Automobile Engineering department successfully completed a Mini-Project titled "Preperation of Polyfuel using Pyrolysis Process" at Fourth Dimension, Bengaluru, during the period 16<sup>th</sup> January 2020 to 3<sup>rd</sup> May 2020.

Students showed good enthusiasm during the project and their conduct was good.

Best wishes for their future.

For Fourth Dimension



**15-04-2020**

**TO WHOM SO EVER IT MAY CONCERN**

This is to certify that Mr. Akhil Chowdary, Mr. Bojja Sai Nithin, Mr. Vedanth S M and Mr. M S Suraj bearing USN 1NH18AU005, 1NH18AU009, 1NH18AU059 and 1NH19AU400 respectively, students of 4<sup>th</sup> semester B.E, Department of Automobile Engineering, New Horizon College of Engineering, Bengaluru, have successfully completed 'Mini-Project' titled 'Automatic Over Speed Control System' at Vexilum Labs, Bengaluru, from 20-01-2020 to 15-04-2020.

The conduct of the student remained good throughout the completion of the Project work.

We wish them all the best for their future endeavors.

Thanking you,

Yours truly,

For Vexilum Labs,

Madan

Venkatesh S

Madan Venkatesh

Digitally signed by  
Madan Venkatesh S  
Date: 2020.04.15  
11:42:32 +05'30'



architecture. interior. design

**April 10, 2021**

To

Head of the Department  
New Horizon College of Engineering  
Outer Ring Road Marathalli  
,Bengaluru 560103

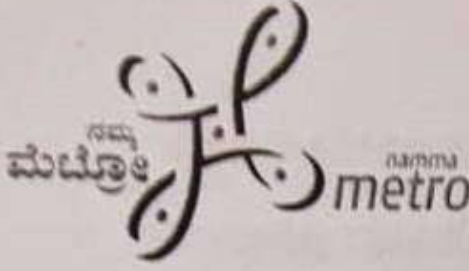
Sub: Joining Letter for Internship

This is to inform you that Mr. **CHIRAG H A** (USN No: **1NH17CV021**), a 8th Semester Civil Engineering student of NHCE, Bengaluru, has joined his Professional Training Program at **Notion** on **10<sup>th</sup> April 2021**. During his training period at **Notion**, he will be engaged in assisting project teams in preparing presentations, construction drawings and design development. We will guide and encourage him to learn the depth of Civil Engineering and wish him great time during training time.

For '**Notion**'

Manjunath Nayak  
Principal Architect  
CA/2016/76129

Raghavendra Palankar  
Principal Architect  
CA/2006/38686



ಬೆಂಗಳೂರು ಮೆಟ್ರೋ ರೈಲ್ ನಿಗಮ ನಿಯಮಿತ

(ಸಹಭಾಗಿತ್ವದ - ಕರ್ನಾಟಕ ಸರ್ಕಾರ ಹಾಗೂ ಕೇಂದ್ರ ಸರ್ಕಾರ ಉದ್ದೇಶ)  
ನಿಗಮದ ಕಛೇರಿ : ಬಿ.ಎಂ.ಟಿ.ಸಿ. ಕಾಂಪ್ಲೆಕ್ಸ್, 3ನೇ ಮಹಡಿ, ಕೆ.ಎಚ್. ರಸ್ತೆ, ಶಾಂತಿನಗರ  
ಬೆಂಗಳೂರು - 560 027, ಭಾರತ

**Bangalore Metro Rail Corporation Ltd.**

(A Joint Venture of Government of Karnataka & Government of India)

Regd. Office : B.M.T.C. Complex, 3rd Floor, K.H. Road, Shanthinagar,  
Bangalore - 560 027. INDIA

No: BMRCL/CE (PM&B) Internship/Vol -29/2021 /12905

Date: 30.03.2021

To,

Head of the Department,  
Department of Civil Engineering,  
New Horizon Collage of Engineering,  
Outer ring road, Marathalli,  
Bangalore-560103

Sir,

Sub: Permission to do Internship Training in BMRCL Reg.

Ref: College Request Letter dated: 13.03.2021.

\*\*\*\*\*

Adverting to above cited subject and reference letter, permission has been accorded to the following students studying in B.E 4th year, Civil Engineering of New Horizon College of Engineering, Bangalore to undergo Internship Training Programme in BMRCL w.e.f 01.04.2021 to 30.04.2021. The guide allocated for this internship is Col. Atul Kulshrestha, Deputy Chief Engineer (Reach-1A), BMRCL. Contact No: 9481473592

- |                      |              |
|----------------------|--------------|
| 1. Mr. Arkesh. A. V  | (INH17CV012) |
| 2. Mr. Darshan. S. A | (INH17CV024) |
| 3. Mr. Madhu Theja   | (INH17CV055) |

Thanking You,

Yours faithfully,

(M. Srinivas)  
Chief Engineer (PM&B)

Cc:

1. Col. Atul Kulshrestha, Deputy Chief Engineer (Reach-1A), BMRCL -for information and needful action.
2. Mr. Arkesh. A. V -(INH17CV012) -for information and needful action.
3. Mr. Darshan. S. A -(INH17CV024) -for information and needful action.
4. Mr. Madhu Theja - (INH17CV055)-for information and needful action.

# CERTIFICATE OF INTERNSHIP

**AWARDED TO :** D S HEMA SAI 08-05-2020  
*Date of Issue*

**IN :** PROGRAMMING USING PYTHON Mr.K Ravikumar & R Bharathi  
*Centre Head*

**AT :** MARATHAHALLI, BANGALORE

**DURING :** February ' 2020   
*Managing Director*












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[www.livewireindia.com](http://www.livewireindia.com)

# CERTIFICATE OF INTERNSHIP

**AWARDED TO :** SIMRAN M MOHAN

08-05-2020

Date of Issue

**IN :** PROGRAMMING USING PYTHON

Mr.K Ravikumar & R Bharathi

Centre Head

**AT :** MARATHAHALLI, BANGALORE

**DURING :** February '2020



Managing Director

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[www.livewireindia.com](http://www.livewireindia.com)



Date: 29-Mar-2020

To whom it may concern,

This is to certify that Mr. Ankit Kumar Tyagi, an undergraduate student at Department of Computer Science and Engineering, New Horizon College of Engineering, Bangalore, India has accomplished his internship from Jan 3, 2020 to March 28, 2020 at Kinolve software Research Team.

As part of the project mission, he has been working with openPower partners and AI solution leaders worldwide to design and develop ML/DL models using openPower and power 9 systems and deploy them using Edge devices. During the internship, Mr. Ankit Kumar Tyagi has successfully completed Web UI development for Machine Learning Models under my guidance. Mr. Ankit Kumar Tyagi's performance during his internship was more than adequate. I wish Mr. Ankit Kumar Tyagi great success for his future endeavors.

Yours sincerely



Mr Rahul Verma,  
Project Manager



17-Feb-2020

**INTERSHIP OFFER LETTER**

To:

The HOD/Dept of CSE  
New Horizon College of Engineering  
Bangalore

Dear Sir/Madam,

Here by I confirm that the student by name **Mr. Chirag R Shetty B.E (CSE)** from **New Horizon College of Engineering, Bangalore** is joined for internship program on **AWS Cloud** in our organization **JMJ TechPro**. Your training is scheduled to start effective from 17<sup>th</sup> Feb 2020 for period of 45 days.

As such, your internship will include training orientation and focus primarily on learning and developing new skills and gaining a deeper understanding of concepts through hands-on application of the knowledge you learned in class.

You should report for training at the following address

**JMJ TechPro**  
#1, SVM Complex, 1st floor  
Above Liberty Show room  
Marathahalli Bridge  
Bangalore-37

Thank You,

A circular stamp for JMJ TechPro Bangalore is on the left. To its right is a handwritten signature in black ink. Below the signature, the text 'Authorized Signatory' is printed.

Authorized Signatory





Extramarks Education India Private Limited  
D-180, Sector-63, Noida, U.P. - 201301, India  
Ph. : +91-120-4175300

**Date : 30-Nov-2020**

**To Whom So Ever It May Concern**

This is to certify that **Ms. Harshinee S** has worked with us from **13-Jan-2020** to **10-Mar-2020** and was designated as **Business Development Executive** at the time of leaving the organization.

We wish her success in her future endeavors.

for Extramarks Education India Pvt. Ltd.

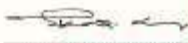
**HR Department**

# CERTIFICATE OF INTERNSHIP

**AWARDED TO :** BADRI VIGNESH 08-05-2020  
*Date of Issue*

**IN :** PROGRAMMING USING PYTHON Mr K Ravikumar & R Bharathi  
*Centre Head*

**AT :** MARATHAHALLI, BANGALORE

**DURING :** April ' 2020   
*Managing Director*

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## Certificate of Completion

This is to certify that **Mr. G Jaganathan [USN: 1NH15CS039]** has undertaken Internship project from our organization **Compile Technologies, Bangalore** from February 2020 to April 2020.

During the internship, intern has undertaken project on **Web Development** under the guidance of Mr.KIRAN R, Project Guide and the project report is being submitted to **New Horizon College of Engineering** in partial fulfillment of awarding degree of Computer Science and Engineering.

On behalf of the Company, I wish **Mr. G Jaganathan** all the very best in his future career endeavors.



  
Tech Lead

S/W Development

Digital Marketing

Consulting

Assessment

Date: 21 Apr 2020

To whom it may concern,

This is to certify that Mr. Harsha Reddy, an undergraduate student at Department of Computer Science and Engineering, New Horizon College of Engineering, Bangalore, India has accomplished his internship from Jan 10, 2020 to April 20, 2020 at JMR innovative labs for Cognitive Computing Systems Research (C3SR).

During the internship, Mr. Harsha Reddy has successfully completed Web UI development for Machine Learning Models under my guidance. Mr. Harsha Reddy performance during his internship was more than adequate. I wish Mr Harsha Reddy great success for his future endeavors.

Yours sincerely  
For JMR InfoTech India



**Rajitha Jaffer**

**Project Manager**

**(C3SR)**



**Corporate Office :**

**BELM SOUDHA\*,**  
23/1, 4th Main Road, S. R. Nagar,  
Bangalore - 560 027, INDIA  
Tel : 080 - 2222 4141  
e-mail : office@pr.beml.co.in

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e-mail : bemlkgf@vsnl.net.in  
**Mysore Complex**  
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e-mail : bemlmys@sanchamel.in  
**Palakkad Complex**  
Tel : 0491-2568055  
e-mail : beml.palakkad@gmail.com

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e-mail : office@export.beml.co.in

**Technology Division**  
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e-mail : office@ctd.beml.co.in

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e-mail : office@trading.beml.co.in

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e-mail : bilaspur@rm.beml.co.in

**Chennai**  
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e-mail : chennai@rm.beml.co.in

**Dhanbad**  
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e-mail : dhanbad@rm.beml.co.in

**Hyderabad**  
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e-mail : hyderabad@rm.beml.co.in

**Kolkata**  
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e-mail : kolkata@rm.beml.co.in

**Mumbai**  
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e-mail : mumbai@rm.beml.co.in

**Nagpur**  
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e-mail : nagpur@rm.beml.co.in

**New Delhi**  
Tel : 011-23316500  
e-mail : delhi@rm.beml.co.in

**Ranchi**  
Tel : 0651-2560370  
e-mail : ranchi@rm.beml.co.in

**Sambalpur**  
Tel : 0663-2521804  
e-mail : sambalpur@rm.beml.co.in

**Singrauli**  
Tel : 07805-268280  
e-mail : singrauli@rm.beml.co.in

**RKT/08/2020 /141(a)**

**04.06.2020**

**CERTIFICATE**

This is to certify that Mr. ADITYA C (1NH16EC003), BE (EC) student of NEW HORIZON COLLEGE OF ENGINEERING, BANGALORE has successfully completed his "INTERNSHIP TRAINING" from 17.02.2020 to 23.03.2020 and 18.05.2020 to 30.05.2020 as a part of his curriculum.

During his stay with us, he has evinced keen interest in his "INTERNSHIP" and his conduct and character were "GOOD". We wish him bright success for his future endeavours.

**For BELM LIMITED,**

*(Handwritten signature)*



**(H B LINGA REDDY)**  
**Sr. MANAGER - TRAINING**



D/ARDC/HR/Proj/682/20

06.03.2020

## CERTIFICATE

This is to certify that **Mr Afzal Hussain** who is a student of B.E(Electronics & Communication), New Horizon College of Engineering, Bangalore, has undergone **Internship Training** at HAL ARDC, Design Complex, Bangalore from 08-01-2020 to 06-03-2020 on **"No-Pay-No-Fee-Basis"** he has been punctual, sincere and committed trainee. His conduct has been Excellent.

The student brings in a lot of energy and enthusiasm in the work, he is structured in his approach and methodical in resolving a problem, He is resourceful and adaptive to working environment.



  
(Shamima Minz)  
Senior Manager - (HR)  
ARDC, Design Complex.

Date – June 1<sup>st</sup>, 2020

**TO WHOMSOEVER IT MAY CONCERN**

**Sub: Technical Trainee**

This is to certify that Mr Akhil Josef, has successfully completed his Foundation Training in our organization as a Technical trainee.

The details of the training are as follows:

Training	: Full Stack Training
Start Date	: January 21 <sup>st</sup> , 2020
End Date	: May 29 <sup>th</sup> , 2020
Department Head	: Muruganantham A

During the above-mentioned period we found him to be sincere, hardworking and obedient.

Yours faithfully,  
For **HEXAWARE TECHNOLOGIES LIMITED**

*Monica Mathur*

**Monica Mathur**  
Associate Vice President, Recruitment

---

**HEXAWARE TECHNOLOGIES LTD.**

Regd. office: Bldg No. 152, Millennium Business Park, Sector - III, 'A' Block, TTC Industrial Area, Mahape,  
Navi Mumbai, 400710, Tel. : +91 22 6791 9595, Fax : +91 22 6791 9500  
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New Horizon Knowledge Park, Ring Road, Bellandur Post, Bengaluru 560 103



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MINISTRY OF HUMAN RESOURCE DEVELOPMENT, GOVERNMENT OF INDIA



## *Certificate* **OF COMPLETION**

Capgemini 

This Is To Certify That Mr/Ms AKHILESH VARMA KALINDINDI

From 8<sup>th</sup> Semester ECE Branch, Has

Successfully Completed Internship At D.E.M.S Laboratory (Capgemini CoE) "**New Horizon College  
Of Engineering, Bengaluru**", From 20<sup>th</sup> January 2020 To 30<sup>th</sup> March 2020.

Professor & HOD

Director HRD & Placement

Principal



Dated: 28<sup>th</sup> April 2020

**INTERNSHIP COMPLETION LETTER**

This is to certify that Akshay Rao - (1NH16EC007) from Electronic and Communication Batch 2019-2020 of New Horizon College of Engineering, Bangalore has successfully completed **45 days Internship** at Compute Silicon, Bangalore from 1<sup>st</sup> Feb to 16<sup>th</sup> March in the area of ASIC Verification.

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

We wish him all the best in his future endeavours.

**For Compute Silicon**



**Parimal Pawan Kumar**  
**Vice President - HR & Ops**

**(Authorized Signatory)**