



PRESIDENCY UNIVERSITY



Private University Estd. in Karnataka State by Act No. 41 of 2013

DEPARTMENT OF MECHANICAL ENGINEERING

BONAFIDE CERTIFICATE

Certified that this report “REDESIGNING THE BORING BAR FOR ADDITIVE MANUFACTURING” is a bona fide work of “ABHISHEK B M (20181MEC0005), BRIJESH JITENDRA GAURAV (20181MEC0045), SUPRITHA S SHIRODKAR (20181MEC209), SHASHWAT PANIGRAHI (20181MEC0196)”, who have successfully carried out the project work and submitted the report for partial fulfilment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY in MECHANICAL ENGINEERING during 2021-22.

Ms. Priyanka S Umarji
Project Guide
Mechanical Engineering
Presidency University

Dr. Satish Babu B
HOD-In charge
Mechanical Engineering
Presidency University

Dr. Shrishail Anadinni
Associate Dean
School of Engineering
Presidency University

Dr. Abdul Sharief
Dean
School of Engineering
Presidency University

Name and Signature of the Examiners

- 1) Dr. Sudheer. R
- 2) Mr. Yeshwanth





PRESIDENCY UNIVERSITY



Private University Estd. in Karnataka State by Act No. 41 of 2013

DEPARTMENT OF MECHANICAL ENGINEERING

BONAFIDE CERTIFICATE

Certified that this report "Finite Element Analysis of Solid-State Power Amplifier (SSPA) For Rustom-2 UAV" is a bonafide work of "Anup V Jadhav (20181MEC0024), Niranjan S.M (20181MEC0136), Raghavendra K (20181MEC0164), Rohit G (20181MEC0172)", who have successfully carried out the internship work and submitted the report for partial fulfilment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY in MECHANICAL ENGINEERING during 2021-22.

NATRAJA . A

Mr. External Guide Name
Designation **SCIENTIST (E)**
Company Name **LRDE, DRDO**
Place **BANGALORE**

Yeshwanth D

Dr./Mr. Internal Guide Name
Designation **Asst. Prof**
Dept of Mechanical Engineering
Presidency University

Dr. Satish Babu B
Associate Professor and HOD(I/C)
Dept of Mechanical Engineering
Presidency University

Dr. Shrishail Anadinni
Associate Dean (Core Branches)
School of Engineering
Presidency University

Dr. Abdul Sharief
Dean
School of Engineering
Presidency University

Name and Signature of the Examiners

- 1)
Pranjana Vmaize
- 2)
Navender Singh



इलेक्ट्रॉनिक्स तथा रेडार विकास स्थापना
भारत सरकार – रक्षा मंत्रालय
रक्षा अनुसंधान तथा विकास संगठन
पो.बा.स. 9324, सी.वी. रामन नगर
बेंगलूर – 560 093, भारत



आई एस ओ 9001-2015 प्रमाणित
ISO 9001 : 2015 Certified

**Electronics & Radar Development
Establishment**

Govt of India, Ministry of Defence
Defence Research & Development Organisation
P.B. No.9324, C V Raman Nagar
Bengaluru – 560 093, India

Fax : 2524 2916
Phone : 2524 1959 / 2502 5331
E-Mail : director@lrde.drdo.in

LRDE/RMED/PAR/PROJECT INTERN/2022

DATE: 14/06/2022

CERTIFICATE

This is to certify that the student **Anup V Jadhav** bearing the ID number **20181MEC0024**, final year undergraduate student, from the **Department of Mechanical Engineering, Presidency University, Bangalore** has carried out the project on '**Finite Element Analysis of Solid State Power Amplifier – Transmitter of the Rustom – 2 Unmanned Aerial Vehicle (UAV)**' at the Electronics and Radar Development Establishment (LRDE), DRDO, Bengaluru from February 28th 2022 to June 10th 2022 for the partial fulfilment of the award of the Bachelor of Technology degree under the supervision and guidance of **Shri. Natraja A, Scientist 'E'**.

During the project work his contribution was excellent and has put all efforts to learn the software and the technical skills. He was very receptive for learning new technologies.

I wish all the best for his future.

A. Natraja

(NATRAJA A)
Scientist 'E'
RMED, LRDE
Bengaluru-560093



इलेक्ट्रॉनिक्स तथा रेडार विकास स्थापना
भारत सरकार - रक्षा मंत्रालय
रक्षा अनुसंधान तथा विकास संगठन
पो.बा.स. 9324, सी.वी. रामन नगर
बेंगलूर - 560 093, भारत



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Bengaluru - 560 093, India
Fax : 2524 2916
Phone : 2524 1959 / 2502 5331
E-Mail : director@lrde.drdo.in

LRDE/RMED/PAR/PROJECT INTERN/2022

DATE: 14/06/2022

CERTIFICATE

This is to certify that the student **Niranjan S M** bearing the ID number **20181MEC0136**, final year undergraduate student, from the **Department of Mechanical Engineering, Presidency University, Bangalore** has carried out the project on '**Finite Element Analysis of Solid State Power Amplifier - Transmitter of the Rustom - 2 Unmanned Aerial Vehicle (UAV)**' at the Electronics and Radar Development Establishment (LRDE), DRDO, Bengaluru from February 28th 2022 to June 10th 2022 for the partial fulfilment of the award of the Bachelor of Technology degree under the supervision and guidance of **Shri. Natraja A, Scientist 'E'**.

During the project work his contribution was excellent and has put all efforts to learn the software and the technical skills. He was very receptive for learning new technologies.

I wish all the best for his future.

(NATRAJA A)
Scientist 'E'
RMED, LRDE
Bengaluru-560093



इलेक्ट्रॉनिक्स तथा रेडार विकास अध्यायना
भारत सरकार - रक्षा मंत्रालय
रक्षा अनुसंधान तथा विकास संगठन
पो.बा.स 9324, सी.वी. रामन नगर
बेंगलूर - 560 093, भारत



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ISO 9001:2015 Certified

**Electronics & Radar Development
Establishment**
Govt of India, Ministry of Defence
Defence Research & Development Organisation
P.B. No.9324, C V Raman Nagar
Bengaluru - 560 093, India
Fax : 2524 2916
Phone : 2524 1959 / 2502 5331
E-Mail : director@lrde.drdo.in

LRDE/RMED/PAR/PROJECT INTERN/2022

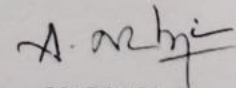
DATE: 14/06/2022

CERTIFICATE

This is to certify that the student **Raghavendra K** bearing the ID number **20181MEC0164**, final year undergraduate student, from the **Department of Mechanical Engineering, Presidency University, Bangalore** has carried out the project on '**Finite Element Analysis of Solid State Power Amplifier - Transmitter of the Rustom - 2 Unmanned Aerial Vehicle (UAV)**' at the Electronics and Radar Development Establishment (LRDE), DRDO, Bengaluru from February 28th 2022 to June 10th 2022 for the partial fulfilment of the award of the Bachelor of Technology degree under the supervision and guidance of **Shri. Natraja A, Scientist 'E'**.

During the project work his contribution was excellent and has put all efforts to learn the software and the technical skills. He was very receptive for learning new technologies.

I wish all the best for his future.


(NATRAJA A)
Scientist 'E'
RMED, LRDE
Bengaluru-560093


REGISTRAR


ACKNOWLEDGEMENT

इलेक्ट्रॉनिक्स तथा रेडार विकास स्थापना
भारत सरकार - रक्षा मंत्रालय
रक्षा अनुसंधान तथा विकास संगठन
पो.बा.स. 9324, सी.वी. रामन नगर
बेंगलूर - 560 093, भारत



आई एस ओ 9001:2015 प्रमाणित
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Electronics & Radar Development Establishment

Govt of India, Ministry of Defence
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P.B. No.9324, C V Raman Nagar
Bengaluru - 560 093, India

Fax : 2524 2916
Phone : 2524 1959 / 2502 5331
E-Mail : director@lrde.drdo.in

LRDE/RMED/PAR/PROJECT INTERN/2022

DATE: 14/06/2022

CERTIFICATE

This is to certify that the student **Rohit G** bearing the ID number **20181MEC0172**, final year undergraduate student, from the **Department of Mechanical Engineering, Presidency University, Bangalore** has carried out the project on '**Finite Element Analysis of Solid State Power Amplifier - Transmitter of the Rustom - 2 Unmanned Aerial Vehicle (UAV)**' at the Electronics and Radar Development Establishment (LRDE), DRDO, Bengaluru from February 28th 2022 to June 10th 2022 for the partial fulfilment of the award of the Bachelor of Technology degree under the supervision and guidance of **Shri. Natraja A, Scientist 'E'**.

During the project work his contribution was excellent and has put all efforts to learn the software and the technical skills. He was very receptive for learning new technologies.

I wish all the best for his future.

(NATRAJA A)

Scientist 'E'

RMED, LRDE

Bengaluru-560093





PRESIDENCY UNIVERSITY



Private University Estd. in Karnataka State by Act No. 41 of 2013

DEPARTMENT OF MECHANICAL ENGINEERING

BONAFIDE CERTIFICATE

Certified that this report "**Fabrication and Evaluation of Mechanical Properties of Natural fiber reinforced composite**" is a bonafide work of Sahana S V (20181MEC0181), Vijeth N R (20181MEC0222), Vinay prasad N (20181MEC0223) and Vishwas N C (20181MEC0226), who have successfully carried out the project work and submitted the report for partial fulfillment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY in MECHANICAL ENGINEERING during 2021-22.

Mr. Shashi Kiran G
Project Guide
Mechanical Engineering
Presidency University

Dr. Satish Babu B
(Associate Professor
& Head, Dept. Of
Mechanical
Engineering)
Presidency University

Dr. Shrishall Anadinni
Associate Dean
School of Engineering
Presidency University

Dr. Abdul Sharief
Dean
School of Engineering
Presidency University

Name and Signature of the Examiners

- 1) DR. RAMACHANDRA. C. G.
- 2) DR. YUVARAJ NAIK.

REGISTRAR



PRESIDENCY UNIVERSITY



Private University Estd. in Karnataka State by Act No. 41 of 2013

DEPARTMENT OF MECHANICAL ENGINEERING

BONAFIDE CERTIFICATE

Certified that this report "**INTERNSHIP FINAL REPORT**" is a bonafide work of "**ASHEN.S (20191LME0042), M.YOKESH (20181MEC0107), NISHANTH.R (20191LME0034)**", who have successfully carried out the internship work and submitted the report for partial fulfillment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY in MECHANICAL ENGINEERING during 2021-22.

Mr. Abinash J
Manager (A&D)
AVTEC LTD
HOSUR

Mr. Shashi Kiran
Assistant Professor
Dept of Mechanical Engineering
Presidency University

Dr. Satish Babu B
Associate Professor and HOD(I/C)
Dept of Mechanical Engineering
Presidency University

Dr. Shrishail Anadinni
Associate Dean (Core Branches)
School of Engineering
Presidency University

Dr. Abdul Sharief
Dean
School of Engineering
Presidency University

Name and Signature of the Examiners

- 1) Dr. R. Jothi Basu
- 2) Dr. YUVARAJ NAIK

REGISTRAR

Ref No: HR/IL/May/2022/004

Date: 23.5.2022

To whom so even It May Concern

This is to certify that Mr. Ashen S, Final Year student of B.Tech-Mechanical Engineering in M/s. Presidency University, Bangalore, has completed his internship training from 23-02-2022 to 23-05-2022 in AVTEC Limited Hosur. During the internship period his Involvement & Behaviour found to be satisfactory.

We wish him all the very best in his future endeavours.

For Avtec Limited,


Gopi R

Manager - HR

AVTEC Limited

Works: Punapalli Village, Mathagondapalli Post, Hosur 635114, Tamil Nadu, India
+91 4344 405200 Fax: +91 4344 405333 marketing.ppd@avtec.in www.avtec.in

Regd. Office: Pithampur Industrial Area, Sector III, Plithampur, Sagore 454774, Dist. Dhar (MP), India
+91 7292 411502-504 Fax: +91 7292256134 marketing.pup@avtec.in www.avtec.in

CIN No. U34103MP2005PLC017319


REGISTRAR


Ref No: HR/IL/May/2022/003

Date: 23.5.2022

To whom so even It May Concern

This is to certify that **Mr. M Yokesh**, Final Year student of **B.Tech-Mechanical Engineering** in **M/s. Presidency University, Bangalore**, has completed his internship training from 23-02-2022 to 23-05-2022 in **AVTEC Limited Hosur**. During the internship period his Involvement & Behaviour found to be satisfactory.

We wish him all the very best in his future endeavours.

For Avtec Limited,



Gopi R

Manager - HR

AVTEC Limited

Works: Punapalli Village, Mathagondapalli Post, Hosur 635114, Tamil Nadu, India
+91 4344 405200 Fax: +91 4344 405333 marketing.ppd@avtec.in www.avtec.in

Regd. Office: Pithampur Industrial Area, Sector III, Pithampur, Sagore 454774, Dist. Dhar (MP), India
+91 7292 411502-504 Fax: +91 7292256134 marketing.pup@avtec.in www.avtec.in



Ref No: HR/IL/May/2022/005

Date: 23.5.2022

To whom so even It May Concern

This is to certify that **Mr.Nishanth R**, Final Year student of **B.Tech-Mechanical Engineering** in **M/s. Presidency University, Bangalore**, has completed his internship training from 23-02-2022 to 23-05-2022 in **AVTEC Limited Hosur**. During the internship period his Involvement & Behaviour found to be satisfactory.

We wish him all the very best in his future endeavours.

For Avtec Limited,



Gopi R


Manager - HR

AVTEC Limited

Works: Punapalli Village, Mathagondapalli Post, Hosur 635114, Tamil Nadu, India
+91 4344 405200 Fax: +91 4344 405333 marketing.ppd@avtec.in www.avtec.in

Regd. Office: Pithampur Industrial Area, Sector III, Pithampur, Sagore 454774, Dist. Dhar (M.P.)
+91 7292 411502-504 Fax: +91 7292256134 marketing.pup@avtec.in www.avtec.in

CIN No. U34103MHF2005PLC017819



Registrar
PRESIDENCY UNIVERSITY
BANGALORE



PRESIDENCY UNIVERSITY



Private University Estd. in Karnataka State by Act No. 41 of 2013

DEPARTMENT OF MECHANICAL ENGINEERING

BONAFIDE CERTIFICATE

Certified that this report "**Manufacturing Engineer**" is a bonafide work of "**DINESH.A(20181MEC0061)**", who has successfully carried out the internship work and submitted the report for partial fulfillment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY in MECHANICAL ENGINEERING during 2021-22.

Mr. JAYADURAI
Senior Automation Engineer
Easytech CNC
MACHINERY
Manufacturing Private
limited
Place
Coimbatore

Dr./Mr. Shashi kiran
Assistant professor
Dept of Mechanical Engineering
Presidency University

Dr. Satish Babu B
Associate Professor and HOD(I/C)
Dept of Mechanical Engineering
Presidency University

Dr. Shrishail Anadinni
Associate Dean (Core Branches)
School of Engineering
Presidency University

Dr. Abdul Sharief
Dean
School of Engineering
Presidency University

Name and Signature of the Examiners

- 1) **Dr. RAMACHANDRA.C.G.**
- 2) **Dr YUVARAJ NAIK**

REGISTRAR



EASYTECH CNC MACHINERY MANUFACTURING

70, Nehru Street, Veeriampalayam, Kalapatti (PO), Coimbatore - 641048, Tamilnadu, INDIA
Tel : 0091 - 422 2931111 | Email : cnceasytech@gmail.com | www.easytechcnc.com
GSTIN : 33AOSPA9376F2ZN

AN ISO 9001:2015 CERTIFIED COMPANY

Date: 20 April 2022

LETTER OF APPOINTMENT

Dear Mr.Dinesh A

We are pleased to appoint you in the position of **Mechanical Engineer** at Easytech CNC Machinery Mfg, Coimbatore. You are requested to join before 01 May 2022

Your responsibility will be involvement in complete CNC machine manufacturing especially in Mechanical and design of machines.

You will be on a probation period of 3 months and regular performance review will be conducted to assess your performance and suitability. Salary will be 12K for the first three months. Your continued employment at Easytech CNC Machinery Mfg depends on your successful completion of the probationary period. Company has all rights to discontinue your probationary job if finds not suitable.

You will have to sign an agreement with the company sooner which describes all standard terms and conditions of the company.

We are looking forward to working with you.

Sincerely,

For Easytech CNC Machinery Mfg

For the Management

Ubaid



Approved by

Akthar Ali

Accepted by





PRESIDENCY UNIVERSITY



Private University Estd. in Karnataka State by Act No. 41 of 2013

DEPARTMENT OF MECHANICAL ENGINEERING

BONAFIDE CERTIFICATE

Certified that this report "PNEUMATIC DUMPER" is a bonafide work of "Arjun M (20181MEC0029), Avinash (20181MEC0031), Hasham Baig (20181MEC9001)", who have successfully carried out the project work and submitted the report for partial fulfilment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY in MECHANICAL ENGINEERING during 2021-22..

Wasim
24/6/22

Mr. Wasim Akram
Project Guide
Mechanical Engineering
Presidency University

Satish

Dr. Satish Babu B
HOD-Incharge
Mechanical
Engineering
Presidency University

Shrishail

Dr. Shrishail Anadinni
Associate Dean
School of Engineering
Presidency University

Abdul Sharief

Dr. Abdul Sharief
Dean
School of Engineering
Presidency University

Name and Signature of the Examiners

- 1) *Neeraj*
- 2) *NS* (Narender Singh)

James
REGISTRAR
PRESIDENCY UNIVERSITY
BANGALORE



PRESIDENCY UNIVERSITY



Private University Estd. in Karnataka State by Act No. 41 of 2013

DEPARTMENT OF MECHANICAL ENGINEERING

BONAFIDE CERTIFICATE

Certified that this report "Automated and Manual Testing of Websites" is a bonafide work of "Bhimraj A (20181MEC0043)", who has successfully carried out the internship work and submitted the report for partial fulfilment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY in MECHANICAL ENGINEERING during 2021-22.

Mrs. Anusha Naik
Gurushi Global Solutions
Bangalore

Mr. Wasim Akram
Associate Professor
Dept of Mechanical Engineering
Presidency University

Dr. Satish Babu B
Associate Professor and HOD(I/C)
Dept of Mechanical Engineering
Presidency University

Dr. Shrishail Anadinni
Associate Dean (Core Branches)
School of Engineering
Presidency University

Dr. Abdul Sharief
Dean
School of Engineering
Presidency University

Name and Signature of the Examiners

1) Mr. Pranay Nimje

2) Neeraj



GURUHSI GLOBAL SOLUTIONS

INTERNSHIP CERTIFICATE

May 4, 2022

To whom it may concern,

This certification proves that **Bhimraj A** has completed the internship program at **Gurushi Global Solutions** as a **Web Tester**. **Bhimraj A** joined the program from **Thursday, February 3, 2022** until **Wednesday, May 4, 2022**.

During his stay in the company as an Intern, he displays enthusiasm, leadership, self-discipline, and self-motivation.

We are lucky to have him as one of our interns before and we would like to wish him all the best.

Sincerely,



CTO

Gurushi Global Solutions

Venkateshappa layout, Bengaluru, Karnataka – 560043



(M): +918095243600





PRESIDENCY UNIVERSITY

Private University Estd. in Karnataka State by Act No. 41 of 2013



DEPARTMENT OF MECHANICAL ENGINEERING

BONAFIDE CERTIFICATE

Certified that this report “**SUPPORT EXECUTIVE AGENT at INTELLIPAAT**” is a bonafide work of “**BLASIUS VAS (20181MEC0042)**”, who have successfully carried out the internship work and submitted the report for partial fulfilment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY in MECHANICAL ENGINEERING during 2021-22.

Mr. Akash Shete
Support Manager
Bangalore Karnataka

Mr. Wasim Akram
Assistant Professor
Dept of Mechanical Engineering
Presidency University

Dr. Satish Babu B
Associate Professor and HOD(I/C)
Dept of Mechanical Engineering
Presidency University

Dr. Shrishail Anadinni
Associate Dean (Core Branches)
School of Engineering
Presidency University

Dr. Abdul Sharief
Dean
School of Engineering
Presidency University

Name and Signature of the Examiners -

- 1) Mr. Pranay Niraje
- 2)





PRESIDENCY UNIVERSITY



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DEPARTMENT OF MECHANICAL ENGINEERING

BONAFIDE CERTIFICATE

Certified that this report "Phase change material OM42 for the purpose of cooling electronic board: An experimental study" is a bonafide work of "DILEEP L (20181MEC0060), SACHIN H B (20181MEC9005), AHMAD RAZA (20181MEC0010), AMAN ROY (20181MEC0017)", who have successfully carried out the university project work and submitted the report for partial fulfilment of the requirements for the award of BACHELOR OF TECHNOLOGY in MECHANICAL ENGINEERING during 2021-22.

Mr. Prashanth S P
Assistant professor
Dept of Mechanical Engineering
Presidency University

Dr. Satish Babu B
Associate Professor and HOD(I/C)
Dept of Mechanical Engineering
Presidency University

Dr. Shrishail Anadinni
Associate Dean (Core Branches)
School of Engineering
Presidency University

Dr. Abdul Sharief
Dean
School of Engineering
Presidency University

Name and Signature of the Examiners

1) Aravinda T

2) Sandeep G M

16/6



PRESIDENCY UNIVERSITY




Private University Estd. in Karnataka State by Act No. 41 of 2013


DEPARTMENT OF MECHANICAL ENGINEERING


BONAFIDE CERTIFICATE


Certified that this report "ANALYSIS AND OPTIMIZATION OF QUALITY COMPLIANCE" is a bonafide work of "S Pratik (20181MEC0174)", who have successfully carried out the internship work and submitted the report for partial fulfilment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY in MECHANICAL ENGINEERING during 2021-22.

Mrs. Reshmi Mandal Konar
AVP – International Office
Leverage Edu
Hyderabad


Mr. Prashanth SP
Asst. Professor
Dept of Mechanical Engineering
Presidency University

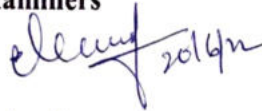

Dr. Satish Babu B
Associate Professor and HOD(I/C)
Dept of Mechanical Engineering
Presidency University


Dr. Shrishail Anadinni
Associate Dean (Core Branches)
School of Engineering
Presidency University


Dr. Abdul Sharief
Dean
School of Engineering
Presidency University

Name and Signature of the Examiners

1) Mr. Arvinda T


20/6/22

2) Mr. Sandeep G M


20/6


REGISTRAR




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Private University Estd. in Karnataka State by Act No. 41 of 2013


DEPARTMENT OF MECHANICAL ENGINEERING


BONAFIDE CERTIFICATE


Certified that this report “**Process Planning and Optimization of CP4, PFCRS, CBx Pumps and Glow Plugs**” is a bonafide work of “Manish J (20181MEC0110), Harshit R (20181MEC0079), Karthik BL (20181MEC0090), Lakshan R (20181MEC0103)”, who have successfully carried out the internship work and submitted the report for partial fulfilment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY in MECHANICAL ENGINEERING during 2021-22.

Mr. Seetharamu G
Manager,
Training & Development
BOSCH, LTD
BIDADI.


Mr. Prashanth SP
Assistant Professor
Dept. of Mechanical Engineering
Presidency University

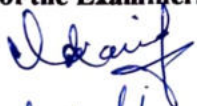

Dr. Satish Babu B
Associate Professor and HOD(I/C)
Dept of Mechanical Engineering
Presidency University


Dr. Shrishail Anadinni
Associate Dean (Core Branches)
School of Engineering
Presidency University


Dr. Abdul Sharief
Dean
School of Engineering
Presidency University

Name and Signature of the Examiners

1) Mr. Aravinda T



2) Mr. Sandeep GM


18/6


REGISTRAR




BOSCH

To
The Professor
Mechanical Engineering Dept
Presidency University
Ragalpura, Rajanakunte, Yelahanka,
Bengaluru 560064

Bosch Limited
No 42, B Phase, Sector 2,
KIADB Industrial Area,
Shanmangala, Bidadi Hobli
Ramanagar Dist-562109
Karnataka, India
www.boschindia.com

Our Ref: BidP1/TCT-INT/PR 06/2022

14.02.2022

Sub: Project Work / Internship for your Student

Dear Sir/Madam

This has reference to your letter requesting permission for your students **Mr. Manish J Mr. Harshit R** pursuing BE-Mechanical Engineering to pursue internship training at Bosch Limited, Bidadi Location

We are pleased to inform you that the above candidate's profile has been selected for internship from 16th Feb to 15th Apr 2022. The Internship should be completed, including submission of reports, before the end of the Internship period.

During the project Internship the code of conduct applicable to the trainees, including wearing of **Safety Shoes** would be the same as that applicable to the Managerial & Superintending Staff of our Company.

In case if the performance/conduct of the trainee is found not satisfactory during the course of the project/internship, the Management reserves the right to discontinue the project/internship without prior notice or intimation.

The student will not be eligible for any stipend or company transport during this period.

As part of the joining formalities, the candidate is required to meet **Mr. Seetharamu** (Tel: 08884451299 / Email: Seetharamu.g@in.bosch.com) in the above-mentioned address.

With best wishes,

For Bosch Limited,

pki, BOSCH, APAC, S, E, Digitally signed by pki, BOSCH,
APAC, S, E, Seetharamu.G
Seetharamu.G Date: 2022.02.14 13:31:51 +05'30'

Seetharamu. G
Manager
Training & Development

Seetharamu
REGISTRAR
PRESIDENCY UNIVERSITY
BANGALORE



BOSCH

To
The Professor
Mechanical Engineering Dept
Presidency University
Itagalpura, Rajanakunte, Yelahanka,
Bengaluru 560064

Bosch Limited
No. 42, II Phase, Sector 2,
KIADB Industrial Area,
Shanumangala, Bidadi Hobli
Ramanagar Dist-562109
Karnataka, India
www.boschindia.com

Our Ref: BidP1/TCT- INT/PR 07/2022

04.03.2022

Sub: Project Work / Internship for your Student

Dear Sir/Madam

This has reference to your letter requesting permission for your students **Mr. LAKSHAN R Mr. KARTHIK B L** pursuing BE-Mechanical Engineering to pursue internship training at Bosch Limited, Bidadi Location

We are pleased to inform you that the above candidate's profile has been selected for internship from **07.03.2022 to 06.05.2022**. The Internship should be completed, including submission of reports, before the end of the internship period.

During the project Internship the code of conduct applicable to the trainees, including wearing of **Safety Shoes** would be the same as that applicable to the Managerial & Superintending Staff of our Company.

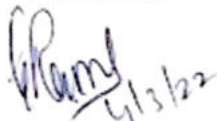
In case if the performance/conduct of the trainee is found not satisfactory during the course of the project/internship, the Management reserves the right to discontinue the project/internship without prior notice or intimation.

The student will not be eligible for any **stipend or company transport** during this period.

As part of the joining formalities, the candidate is required to meet Mr. Seetharamu (Tel: 08884451299 / Email: Seetharamu.g@in.bosch.com) in the above-mentioned address.

With best wishes,

For Bosch Limited,


5/13/22

Seetharamu. G
Manager
Training & Development


REGISTRAR




PRESIDENCY UNIVERSITY



Private University Estd. in Karnataka State by Act No. 41 of 2013


DEPARTMENT OF MECHANICAL ENGINEERING

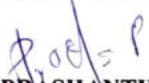
BONAFIDE CERTIFICATE


Certified that this report "DESIGN AND OPTIMIZATION OF VARIOUS COMPONENTS IN EV GEARBOX" is a bonafide work of


RENGANATHAN M	20181MEC0105	Mechanical Engineering
SHARJUN M	20181MEC0195	Mechanical Engineering
ARVIND A S	20181MEC0030	Mechanical Engineering
NARASIMMAN A	20181MEC0131	Mechanical Engineering


who have successfully carried out the internship work and submitted the report for partial fulfilment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY in MECHANICAL ENGINEERING during 2021-22?


Mr. External Guide Name
Designation
Company Name
Place


Mr. PRASHANTH SP
Designation
Dept of Mechanical Engineering
Presidency University


Dr. Satish Babu B
Associate Professor and HOD(I/C)
Dept of Mechanical Engineering
Presidency University


Dr. Shrishail Anadinni
Associate Dean (Core Branches)
School of Engineering
Presidency University


Dr. Abdul Sharief
Dean
School of Engineering
Presidency University



AVTEC

Ref No: HR/IL/May/2022/001

Date: 23.5.2022

To whom so even It May Concern

This is to certify that Mr. Narasimman. A, Final Year student of B.Tech-Mechanical Engineering in M/S. Presidency University, Bangalore, has completed his internship training from 23-02-2022 to 23-05- 2022 in AVTEC Limited Hosur. During the internship period his Involvement & Behaviour found to be satisfactory.

We wish him all the very best in his future endeavours.

For Avtec Limited,

Manager - HR

AVTEC Limited

Works: Punapalli Village, Mathagondapalli Post, Hosur 635114, Tamil Nadu, India
+91 4344 405200 Fax: +91 4344 405333 marketing.ppd@avtec.in www.avtec.in

Regd. Office: Pithampur Industrial Area, Sector III, Pithampur, Sagore 454774, Dist, Dhar (MP),
India +91 7292 411502-504 Fax: +91 7292256134 marketing.pup@avtec.in www.avtec.in





AVTEC

Ref No: HR/IL/May/2022/002

Date: 23.5.2022

To whom so even It May Concern

This is to certify that Mr. Renganathan M, Final Year student of B.Tech-Mechanical Engineering in M/S. Presidency University, Bangalore, has completed his internship training from 23-02-2022 to 23-05- 2022 in AVTEC Limited Hosur. During the internship period his Involvement & Behaviour found to be satisfactory.

We wish him all the very best in his future endeavours.

For Avtec Limited,

Manager - HR

AVTEC Limited

Works: Punapalli Village, Mathagondapalli Post, Hosur 635114, Tamil Nadu, India

+91 4344 405200 Fax: +91 4344 405333 marketing.ppd@avtec.in www.avtec.in

Regd. Office: Pithampur Industrial Area, Sector III, Pithampur, Sagore 454774, Dist, Dhar (MP),

India +91 7292 411502-504 Fax: +91 7292256134 marketing.pup@avtec.in www.avtec.in





AVTEC

Ref No: HR/IL/May/2022/003

Date: 23.5.2022

To whom so even It May Concern

is is to certify that Mr. Sharjun M, Final Year student of B.Tech-Mechanical Engineering in
/S. Presidency University, Bangalore, has completed his internship training from 23-02-2022 to
-05- 2022 in AVTEC Limited Hosur. During the internship period his Involvement & Behaviour
und to be satisfactory.

e wish him all the very best in his future endeavours.

For Avtec Limited,

Manager - HR

TEC Limited

arks: Punapalli Village, Mathagondapalli Post, Hosur 635114, Tamil Nadu, India

4344 405200 Fax: +91 4344 405333 marketing.ppd@avtec.in www.avtec.in

.l. Office: Pithampur Industrial Area, Sector III, Pithampur, Sagore 454774, Dist, Dhar (MP),

a +91 7292 411502-504 Fax: +91 7292256134 marketing.pup@avtec.in www.avtec.in

REGISTRAR



AVTEC

Ref No: HR/IL/May/2022/004

Date: 23.5.2022

To whom so even It May Concern

is to certify that Mr. Aravind A S, Final Year student of B.Tech-Mechanical Engineering in Presidency University, Bangalore, has completed his internship training from 23-02-2022 to 2022 in AVTEC Limited Hosur. During the internship period his Involvement & Behaviour be satisfactory.

him all the very best in his future endeavours.

For Avtec Limited,

Manager - HR

EC Limited

ks: Punapalli Village, Mathagondapalli Post, Hosur 635114, Tamil Nadu, India

4344 405200 Fax: +91 4344 405333 marketing.ppd@avtec.in www.avtec.in

d. Office: Pithampur Industrial Area, Sector III, Pithampur, Sagore 454774, Dist, Dhar (MP),

a +91 7292 411502-504 Fax: +91 7292256134 marketing.pup@avtec.in www.avtec.in





PRESIDENCY UNIVERSITY



Private University Estd. in Karnataka State by Act No. 41 of 2013

DEPARTMENT OF MECHANICAL ENGINEERING

BONAFIDE CERTIFICATE

Certified that this report “Wear Characteristics of AZ-31 Magnesium Alloy Reinforced with Carbon Nanotubes using PM Technique” is a Bonafide work of Mr. Kevin Vinodh (ID No. 20181MEC0095), Mr. Yashwanth V (ID No. 20181MEC9029) and Mr. Lokit R Naidu (ID No. 20181MEC9012), Mr. Mohammed Muazzam Afrid (ID No. 20181MEC0124), who have successfully carried out the project work and submitted the report for partial fulfilment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY in MECHANICAL ENGINEERING during 2021-22.

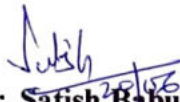

20/6

Mr. Sandeep G M

Project Guide

Mechanical Engineering

Presidency University


20/6/22

Dr. Satish Babu B

HOD-In charge

Mechanical

Engineering

Presidency University



Dr. Shrishail Anadinni

Associate Dean

School of Engineering

Presidency University



Dr. Abdul Sharief

Dean

School of Engineering

Presidency University

Name and Signature of the Examiners

1)

Aravinda T.


20/6/22

2)





PRESIDENCY UNIVERSITY



Private University Estd. in Karnataka State by Act No. 41 of 2013

DEPARTMENT OF MECHANICAL ENGINEERING

BONAFIDE CERTIFICATE

Certified that this report "CHARACTERIZING AND VALIDATING MMC ALLOY AZ31 REINFORCED WITH CNT FOR WEAR STRENGTH" is a bonafide work of "BALAJI RAO K (2018IMEC0039), N. KIRAN KUMAR REDDY (2018IMEC9002), PRADEEP K (2018IMEC9027), VIVEK H (2018IMEC9024)", who have successfully carried out the project work and submitted the report for partial fulfilment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY in MECHANICAL ENGINEERING during 2021-22.

Mr. Sandeep G M
Supervisor & Assistant
Professor
Department of Mechanical
Engineering
Presidency University

Dr. Satish Babu B
HOD-In charge
Mechanical
Engineering
Presidency University

Dr. Shrishail Anadinni
Associate Dean
School of Engineering
Presidency University

Dr. Abdul Sharief
Dean
School of Engineering
Presidency University

Name and Signature of the Examiners

- 1) Mrs. Parashanth. S.P
- 2) Mr. Aravinda.T





PRESIDENCY UNIVERSITY



Private University Estd. in Karnataka State by Act No. 41 of 2013

DEPARTMENT OF MECHANICAL ENGINEERING

BONAFIDE CERTIFICATE

Certified that this report "AN INTRODUCTION TO A SIMPLE HVAC SYSTEM AND BUILDING INFORMATION MODEL " is a bonafide work of SHIVAKUMAR (20181MEC0198), who have successfully carried out the internship work and submitted the report for partial fulfilment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY in MECHANICAL ENGINEERING during 2021-22.

Mr. Vishal
Manager
Treis Tek India Pvt, Ltd,
Bengaluru

Mr. Sandeep G M
Assistant Professor
Dept of Mechanical Engineering
Presidency University

Dr. Satish Babu Boppana
HOD(I/C) and Associate Professor
Dept of Mechanical Engineering
Presidency University

Dr. Shrishail Anadinni
Associate Dean (Core Branches)
School of Engineering
Presidency University

Dr. Abdul Sharief
Dean
School of Engineering
Presidency University

Name and Signature of the Examiners

- 1) Kunwar Chandra Singh
- 2) Aravind T



Intern Offer Letter

Date: 08 Mar 2022

To,
Shivakumar
Hogasandra Road, 7th Main, 6^{* Cross},
BOMmanahalli, Bangalore, Karnataka - 560 068.

From,
TreisTek India Pvt Ltd.
No. 15, 1st Floor, R.K.Souharda, 7th Main Rd,
Hoysala Nagar, **Ramamurthy** Nagar, Bengaluru,
Karnataka - 560 016.

Dear Shivakumar,

We are happy and glad to inform you that you have been selected as an intern in our organization for the internship program of Revit MEP for 3 months which will be starting from 10th March 2022 till 10th June 2022.

Thank you.
Sincerely,



Ankita Mukhejee
HR Manager
E-Mail ID — ankatu@treisstek.com
Phone No. - +91 82505 35294

TreisTek India Pvt Ltd
No. 15, 1st Floor, R.K. Souharda, 7th main, Hoysala Nagar, R amamurthy Nagar, Bangalore - 560016
India, T. India 080 48506788
E info@treisstek.com, iN <http://www.treisstek.com>





PRESIDENCY UNIVERSITY



Private University Estd. in Karnataka State by Act No. 41 of 2013

DEPARTMENT OF MECHANICAL ENGINEERING

BONAFIDE CERTIFICATE

Certified that this report "AN INTRODUCTION TO A SIMPLE HVAC SYSTEM" is a bonafide work of **TEJAS.G.NAIK (20181MEC0214)**, who have successfully carried out the internship work and submitted the report for partial fulfilment of the requirements for the award of the degree of **BACHELOR OF TECHNOLOGY** in **MECHANICAL ENGINEERING** during 2021-22.

Mr. Druva Kumar Puligal
Director
HILIFE Ventures,
Bengaluru

Mr. Pranay Nimje
Assistant Professor
Dept of Mechanical Engineering
Presidency University

Dr. Satish Babu Boppana
HOD(I/C) and Associate Professor
Dept of Mechanical Engineering
Presidency University

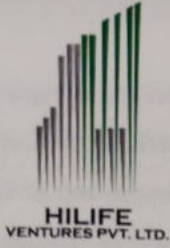
Dr. Shrishail Anadinni
Associate Dean (Core Branches)
School of Engineering
Presidency University

Dr. Abdul Sharief
Dean
School of Engineering
Presidency University

Name and Signature of the Examiners

- 1)
- 2)





Hilife Revealed

#137/1 & 2, Hilife Greens,
Gunjur Balagere Road,
Varthur Hobli, Bangalore - 560 087
sales@hilifeventures.com

To,
The Head of Department
Presidency University
Bangalore.

Dear Sir/Madam,

Subject: Approval of Internship Training

We are pleased to inform that your student, Mr. Tejas Naik (20181MEC0214) is accepted as an Internship Trainee in our company from 03rd March 2022 to 03rd June 2022.

The trainee will work under following terms and conditions:

1. The safety practices, rules and regulations of the company shall be strictly followed.
2. A copy of Project report should be submitted to us at end of the training period.
3. Details of machinery must be used in the project only after seeking permission from respective Department head.

We hope that the student will make maximize and fruitful use of this opportunity.

Thanking you,
For Hilife Ventures Pvt. Ltd.,

Druva Kumar Puligal
Director





PRESIDENCY UNIVERSITY



Private University Estd. in Karnataka State by Act No. 41 of 2013

DEPARTMENT OF MECHANICAL ENGINEERING

BONAFIDE CERTIFICATE

Certified that this report “GESTURE CONTROLLED SENSOR BASED ARM” is a bonafide work of “Mr. Rajulapudi Tulasi Sriram bearing ID No: 20181MEC0166, Mr. Sanjay K bearing ID No: 20181MEC0184, Mr. Revanth P bearing ID No: 20181MEC0169 and Mr. Sai Jayanth K bearing ID No; 20191LME0030”, who have successfully carried out the project work and submitted the report for partial fulfilment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY in MECHANICAL ENGINEERING during 2021-22..

Mr. Neeraj Singh

Project Guide

Mechanical Engineering
Presidency University

Dr. Satish Babu B

HOD-Incharge

Mechanical
Engineering
Presidency University

Dr. Shrishail Anadinni

Associate Dean


School of Engineering
Presidency University

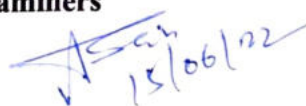
Dr. Abdul Sharief

Dean

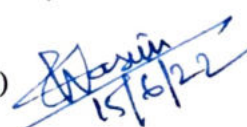
School of Engineering
Presidency University

Name and Signature of the Examiners

1)  **Mr. Ashish** (Asst professor)


15/06/22

2) **Mr. Wasim Akram** (Asst Professor)


15/6/22


REGISTRAR




PRESIDENCY UNIVERSITY




Private University Estd. in Karnataka State by Act No. 41 of 2013

DEPARTMENT OF MECHANICAL ENGINEERING

BONAFIDE CERTIFICATE

Certified that this report “DESIGN OF MODIFIED FIXTURE FOR AUTOMATED SEAT LOCKET ASSEMBLY LINE” is a bonafide work of “SACHIN(20181MEC0175), SACHIN B S (20181MEC0176), PRAMODH N(20181MEC0156), SACHIN V(20181MEC0178)”, who have successfully carried out the internship work and submitted the report for partial fulfilment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY in MECHANICAL ENGINEERING during 2021-22



16/6/2022

Mr. Kanthraj
Production manager
Aditya auto products and
engineering Pvt. Ltd
Doddaballapurabangalore



16/6/2022

Mr. Narender Singh
Assistant professor
Dept of Mechanical Engineering
Presidency University



Dr. Satish Babu B
Associate Professor and HOD(I/C)
Dept of Mechanical Engineering
Presidency University



Dr. Shrishail Anadinni
Associate Dean (Core Branches)
School of Engineering
Presidency University



Dr. Abdul Sharief
Dean
School of Engineering
Presidency University

Name and Signature of the Examiners

1)

2)



REGISTRAR





29.04.2022

TO WHOMSOEVER IT MAY CONCERN


This is to certify that **Mr. Sachin** USN No. 20181MEC0175, 4th year **B. Tech** student of **Presidency University –Bangalore**, has carried out an Internship training program in our organization from 01st Feb'2022 to 29th Apr'2022.

During the period of training he was keen, hardworking and displayed good conduct and character.

We wish him all success in his future endeavor.

Thanking you,

ADITYA Auto Products & Engineering (I) Pvt. Ltd.
Doddaballapur
Authorized Signatory



ADITYA AUTO PRODUCTS & ENGINEERING (I) PRIVATE LIMITED
Corporate Head Office
#13E, KIADB Industrial Area, Doddaballapur,
Bangalore, Karnataka, India 561203
+91 80 2263 7000 | mktg@adityaauto.com
www.adityaauto.com
CIN : U35204KA1996PTC020766

Automotive Systems
#13E, KIADB Industrial Area, Doddaballapur
Bangalore, Karnataka, India 561203
+91 80 2263 7000 | mktg@adityaauto.com





29.04.2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. Sachin B S** USN No. 20181MEC0176, 4th year B. Tech student of **Presidency University –Bangalore**, has carried out an Internship training program in our organization from 01st Feb'2022 to 29th Apr'2022.

During the period of training he was keen, hardworking and displayed good conduct and character.

We wish him all success in his future endeavor.

Thanking you,

For Aditya Auto Products & Engineering (I) Pvt. Ltd.



Rishabh
Authorized Signatory

ADITYA AUTO PRODUCTS & ENGINEERING (I) PRIVATE LIMITED

Corporate Head Office
#13E, KIADB Industrial Area, Doddaballapur,
Bangalore, Karnataka, India 561203
+91 80 2263 7000 | mktg@adityaauto.com
www.adityaauto.com
CIN : U35204KA1996PTC020766

Automotive Systems
#13E, KIADB Industrial Area, Doddaballapur,
Bangalore, Karnataka, India 561203
+91 80 2263 7000 | mktg@adityaauto.com





29.04.2022


TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. Pramodh N** USN No. 20181MEC0156, 4th year B. Tech student of **Presidency University –Bangalore**, has carried out an Internship training program in our organization from 01st Feb'2022 to 29th Apr'2022.

During the period of training he was keen, hardworking and displayed good conduct and character.

We wish him all success in his future endeavor.

Thanking you,

 Aditya Auto Products & Engineering (I) Pvt. Ltd.
Doddaballapur
561203
Approved Signatory

ADITYA AUTO PRODUCTS & ENGINEERING (I) PRIVATE LIMITED
Corporate Head Office
#13E, KIADB Industrial Area, Doddaballapur,
Bangalore, Karnataka, India 561203
+91 80 2263 7000 | mktg@adityaauto.com
www.adityaauto.com
CIN : U35204KA1996PTC020766

Automotive Systems
#13E, KIADB Industrial Area, Doddaballapur,
Bangalore, Karnataka, India 561203
+91 80 2263 7000 | mktg@adityaauto.com
REGISTRAR




29.04.2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. Sachin V** USN No. 20181MEC0178, 4th year **B. Tech** student of **Presidency University –Bangalore**, has carried out an Internship training program in our organization from 01st Feb'2022 to 29th Apr'2022.

During the period of training he was keen, hardworking and displayed good conduct and character.

We wish him all success in his future endeavor.

Thanking you,



For Aditya Auto Products & Engineering (I) Pvt. Ltd.

Authorized Signatory

ADITYA AUTO PRODUCTS & ENGINEERING (I) PRIVATE LIMITED
Corporate Head Office
#13E, KIADB Industrial Area, Doddaballapur,
Bangalore, Karnataka, India 561203
+91 80 2263 7000 | mktg@adityaauto.com
www.adityaauto.com
CIN : U35204KA1996PTC020766

Automotive Systems
#13E, KIADB Industrial Area, Doddaballapur,
Bangalore, Karnataka, India 561203
+91 80 2263 7000 | mktg@adityaauto.com



CERTIFICATE OF TRAINING (INDUSTRIAL INTERNSHIP)

TO WHOMSOEVER IT MAY CONCERN

This is to certify that "**Mr. Syed Tabrez Pasha**", an under graduate student of Mechanical Department, Presidency University, Bangalore, Karnataka has successfully completed his **Industrial Training Internship** which commenced on **January 03, 2022** and completed on **May 03, 2022** respectively.

During his tenure, we found him to be sincere, hardworking and efficient.

We wish him success in his future endeavours.

Sincerely,
Aiykr HR

AIYKR PVT. LTD.
ISTIN: 29AAVCA8097R1Z5
400/72B, 7th Cross, 1st Block,
Jayanagar, Bengaluru-560 011.
Ph.: +91 9742344423
Email: enquiry@aiykr.com

For AIYKR PRIVATE LIMITED


Director

Date: June 01, 2022

AIYKR PRIVATE LIMITED
400/72B, 7th Cross, 1st Block, Jayanagar,
Bengaluru-560011, Karnataka, India

Phone: +91 9742344423
email: hr@aiykr.com

REGISTRAR





PRESIDENCY UNIVERSITY

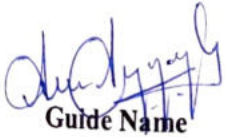


Private University Estd. in Karnataka State by Act No. 41 of 2013

DEPARTMENT OF MECHANICAL ENGINEERING

BONAFIDE CERTIFICATE

Certified that this report "Design & Development Of Industrial Manipulator" is a bonafide work of "Fazala Junaid (20181MEC0063), Mohammed Afrid NV (20181MEC0119), Mudassir Ahmed NV (20181MEC0126), Sahaan Sateesh Salian (20181MEC0180)", who have successfully carried out the project work and submitted the report for partial fulfilment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY in MECHANICAL ENGINEERING during 2021-22.


Guide Name

Arun Arogyaswamy
Assistant Professor
Project Guide
Mechanical Engineering
Presidency University



Dr. Satish Babu B
HOD-In-charge
Mechanical
Engineering
Presidency University





Dr. Shrishail Anadinni
Associate Dean
School of Engineering
Presidency University



Dr. Abdul Sharief
Dean
School of Engineering
Presidency University

Name and Signature of the Examiners

- 1) Dr. Sudheer R 
- 2) Dr. Alexander Singh Sandhotiya 





PRESIDENCY UNIVERSITY

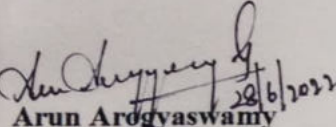


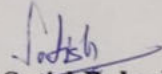
Private University Estd. in Karnataka State by Act No. 41 of 2013

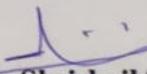
DEPARTMENT OF MECHANICAL ENGINEERING

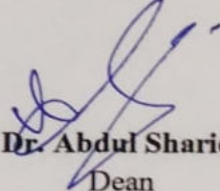
BONAFIDE CERTIFICATE

Certified that this report "DESIGN & ANALYSIS OF AGRICULTURAL FERTILIZER DRONE" is a bonafide work of "Palagiri Sunil Kumar Reddy (20181MEC0141), Vikram A Vaidya (20191lme0032), Nishchal Rao (20191lme0033), Karthik S Patil (20181MEC0091)", who have successfully carried out the project work and submitted the report for partial fulfilment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY in MECHANICAL ENGINEERING during 2021-22.

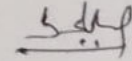
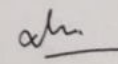

Arun Arogyaswamy
G-ASST. PROF
Project Guide
Mechanical Engineering
Presidency University


Dr. Satish Babu B
HOD-Incharge
Mechanical Engineering
Presidency University


Dr. Shrishail Anadinni
Associate Dean
School of Engineering
Presidency University


Dr. Abdul Sharief
Dean
School of Engineering
Presidency University

Name and Signature of the Examiners

- 1) Dr. Sudheer R 
- 2) Dr. Devenka Singh Sandhu 





PRESIDENCY UNIVERSITY



Private University Estd. in Karnataka State by Act No. 41 of 2013

DEPARTMENT OF MECHANICAL ENGINEERING

BONAFIDE CERTIFICATE

Certified that this report "**Production line design and balancing**" is a bonafide work of "**Hareesh Sangangouda channappagoudar (20181MEC0077)**", who have successfully carried out the internship work and submitted the report for partial fulfilment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY in MECHANICAL ENGINEERING during 2021-22.

Mr. Mahesh S
Production In-charge
Aditya auto products
Doddaballapura

Mr. Aravinda T
Assistant Professor
Dept of Mechanical Engineering
Presidency University

Dr. Satish Babu B
Associate Professor and HOD(I/C)
Dept of Mechanical Engineering
Presidency University

Dr. Shrishail Anadinni
Associate Dean (Core Branches)
School of Engineering
Presidency University

Dr. Abdul Sharief
Dean
School of Engineering
Presidency University

Name and Signature of the Examiners

- 1) SANDEEP G.M
- 2) PRASHANTH . S.P

REGISTRAR



08-02-2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. Hareesh Channappagoudar** , USN No: **20181MEC0077** 4th year B. Tech student of **Presidency university, Rajanukunte** has carried out a Project training in our organization from 7th Dec 2021 to 8th Feb 2022.

During the period of project training he was keen, hardworking and displayed good conduct and character.

We wish him all success in his life.

Thanking you,

For Aditya Auto Products & Engineering (I) Pvt Ltd


Authorized Signatory

ADITYA AUTO PRODUCTS & ENGINEERING (I) PRIVATE LIMITED
Corporate Head Office
#13E, KIADB Industrial Area, Doddaballepur,
Bangalore, Karnataka, India 561203
+91 80 2263 7000 | mktg@adityaauto.com
www.adityaauto.com
DN : 0352040A1906PTC02076B

Automotive Systems
#13E, KIADB Industrial Area, Doddaballepur,
Bangalore, Karnataka, India 561203
+91 80 2263 7000 | mktg@adityaauto.com





PRESIDENCY UNIVERSITY




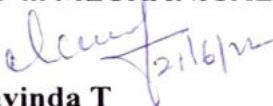
Private University Estd. in Karnataka State by Act No. 41 of 2013


DEPARTMENT OF MECHANICAL ENGINEERING


BONAFIDE CERTIFICATE

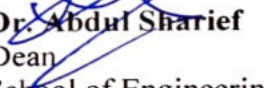
Certified that this report "**Production line design and balancing**" is a bonafide work of "**J Akshay kumar (20181MEC0082)**", who have successfully carried out the internship work and submitted the report for partial fulfilment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY in MECHANICAL ENGINEERING during 2021-22.


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Production In-charge
Aditya auto products
Doddaballapura


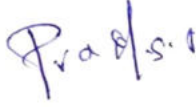

Mr. Aravinda T
Assistant Professor
Dept of Mechanical Engineering
Presidency University


Dr. Satish Babu B
Associate Professor and HOD(I/C)
Dept of Mechanical Engineering
Presidency University


Dr. Shrishail Anadinni
Associate Dean (Core Branches)
School of Engineering
Presidency University


Dr. Abdul Sharief
Dean
School of Engineering
Presidency University

Name and Signature of the Examiners

- 1) SANDEEP G.M. 
- 2) PRA SHANTH. S.P. 





08-02-2022

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This is to certify that **Mr. J Akshay Kumar**, USN No: **20181MEC0082** 4th year B. Tech student of **Presidency university, Rajanukunte** has carried out a Project training in our organization from 7th Dec 2021 to 8th Feb 2022.

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We wish him all success in his life.

Thanking you,

For Aditya Auto Products & Engineering (I) Pvt Ltd

A. P. Nile 20/3/22
Authorized Signatory

ADITYA AUTO PRODUCTS & ENGINEERING (I) PRIVATE LIMITED

Corporate Head Office
#13E, KIADB Industrial Area, Doddaballapur,
Bengaluru, Karnataka, India 561203
+91 80 2263 7000 | mktg@adityaauto.com
www.adityaauto.com
CIN : U35204KA1996PTC020768

Automotive Systems
#13E, KIADB Industrial Area, Doddaballapur,
Bengaluru, Karnataka, India 561203
+91 80 2263 7000 | mktg@adityaauto.com





PRESIDENCY UNIVERSITY





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Production In-charge
Aditya auto products
Doddaballapura


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Assistant Professor
Dept of Mechanical Engineering
Presidency University


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Dept of Mechanical Engineering
Presidency University


Dr. Shrishail Anadinni
Associate Dean (Core Branches)
School of Engineering
Presidency University


Dr. Abdul Sharief
Dean
School of Engineering
Presidency University

Name and Signature of the Examiners

1) SANDEEP G.M.


21/6

2) PRA SHANTH S.P


Prashanth


REGISTRAR



08-02-2022

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Thanking you,

For Aditya Auto Products & Engineering (I) Pvt Ltd


Authorized Signatory

ADITYA AUTO PRODUCTS & ENGINEERING (I) PRIVATE LIMITED

Corporate Head Office
#13E, KIADB Industrial Area, Doddaballepur,
Bengaluru, Karnataka, India 561203
+91 80 2263 7000 | mktg@adityaauto.com
www.adityaauto.com
CIN : U35204KA1996PTC020766

Automotive Systems
#13E, KIADB Industrial Area, Doddaballepur,
Bengaluru, Karnataka, India 561203
+91 80 2263 7000 | mktg@adityaauto.com





PRESIDENCY UNIVERSITY



Private University Estd. in Karnataka State by Act No. 41 of 2013

DEPARTMENT OF MECHANICAL ENGINEERING

BONAFIDE CERTIFICATE

Certified that this report "DYNAMIC CHARACTERIZATION OF AZ-31 MAGNESIUM ALLOY REINFORCED WITH MUTLI WALLEDCARBON NANOTUBES USING PM ROUTE" is a bonafide work of "K. VENUGOPAL (20181MEC0087), M. SRIKANTH (20181MEC0106), KIRAN JOSEPH (20181MEC0096), HARSHA. R (20181MEC0078)", who have successfully carried out the project work and submitted the report for partial fulfilment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY in MECHANICAL ENGINEERING during 2021-22.

Mr. Aravinda T
Mr. Sandeep G.M
Project Guide
Mechanical Engineering
Presidency University

Dr. Satish Babu B
HOD-Incharge
Mechanical
Engineering
Presidency University

Dr. Shrishail Anadinni
Associate Dean
School of Engineering
Presidency University

Dr. Abdul Sharief
Dean
School of Engineering
Presidency University

Name and Signature of the Examiners

- 1) Mr. Prashanth .S.P
- 2) Dr. Yuvaraj Naik

REGISTRAR



PRESIDENCY UNIVERSITY



Private University Estd. in Karnataka State by Act No. 41 of 2013

DEPARTMENT OF MECHANICAL ENGINEERING

BONAFIDE CERTIFICATE

Certified that this report "Wire Cutting using EDM" is a bonafide work of "HAMAAD AJAZ KHAN (20181MEC9011)", who have successfully carried out the internship work and submitted the report for partial fulfilment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY in MECHANICAL ENGINEERING during 2021-22.

Mr. Usman Sharief
Owner
US. Wirecut
Mysore

23/6/22
22/6

Mr. Arvinda T
Mr. Sandeep G M
Assistant Professor
Dept of Mechanical Engineering
Presidency University

Dr. Satish Babu B
Associate Professor and HOD(I/C)
Dept of Mechanical Engineering
Presidency University

Dr. Shrishail Anadinni
Associate Dean (Core Branches)
School of Engineering
Presidency University

Dr. Abdul Sharief
Dean
School of Engineering
Presidency University

Name and Signature of the Examiners

- 1) Kumar chavara
- 2)



U.S. WIRECUT

E-mail: uswcmys@gmail.com

Works: # 148/8, Farah Industries Compound, Near Jawa Railway Track, Mysore - 570021

Office: # 18, Rajivnagar 2nd Stage, S.A. Rahman Road Cross, Behind Famous Bake n Sweets, Mysore - 570019

Date 28-12-2021

Hamaad Ajaz khan

D5 metro marvel KB Sandra Bangalore

Dear Hamaad,

I am pleased to inform your acceptance of an internship position as EDM Wire Cutting Machine Controller at US WireCut. Your first day of joining will be 03-01-2022. In addition to your duties outlined in the interview, you will report to your supervisor, Usman Shareef.

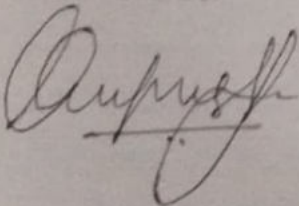
As an intern, you are not the company's employee; and therefore, will not receive health and compensation benefits. You understand that participating in the internship program is not an offer of employment.

During your internship, you will have an access to company's clients and confidential information. You agree that you will keep all this information and client information strictly confidential and will not share it with anyone outside the company. You will not use it for your own benefits and on completion of the internship; you will return documents, equipment, and all property of the company.

Congratulations on the Internship.

Best Regards,

Usman Shareef



U.S. WIRECUT
148/10, Farah Industries Compound
MYSORE-570021
Mob: 8050071002





PRESIDENCY UNIVERSITY

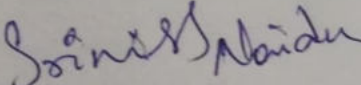


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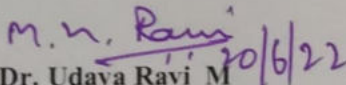
DEPARTMENT OF MECHANICAL ENGINEERING

BONAFIDE CERTIFICATE

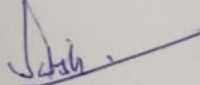
Certified that this report "QMS (QUALITY MANAGEMENT SYSTEM) And Production Resource Planning in a packaging industry" is a bonafide work of "YERUKULA KIRANKUMAR (20181MEC0234)", who have successfully carried out the internship work and submitted the report for partial fulfilment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY in MECHANICAL ENGINEERING during 2021-22.


Mr. Srinivasa Naidu

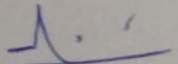
HR
AIP products and solutions
Bengaluru


Dr. Udaya Ravi M


Project Advisor
Dept of Mechanical Engineering
Presidency University



Dr. Satish Babu B
Associate Professor and HOD(I/C)
Dept of Mechanical Engineering
Presidency University


Dr. Shrishail Anadinni

Associate Dean (Core Branches)
School of Engineering
Presidency University


Dr. Abdul Sharief

Dean
School of Engineering
Presidency University

Name and Signature of the Examiners

- 1) Mr. Narender Singh
- 2) Mr. D Yashwant





ACE Industrial Packagin

Manufacturer's of Export Quality Wooden Pallets & 1
Heat Treatment Plant Approved by Govt. of India as 1

Jan 27, 2022

Mr. Yerukula Kirankumar
Presidency University
Bangalore

Subject: Offer Letter

Following our discussions, we are pleased to offer you the position of **Production Executive**.

Your monthly emoluments will be Rs. 10,000/- for first 6 months (during your training period), from the date of joining & will be further increased to Rs. 18,000/- from 7th month onwards, after the successful completion of your probationary.

A formal contract with terms of service will be signed post your joining. We would appreciate confirmation of your acceptance to this offer by signing this letter and sending us a copy of it, not later than 27th Jan 2022.

We expect you to assume your duties at below mentioned address on or before 27th Jan 2022.

The industry is filled with exciting challenges and we look forward to the opportunity of working with you and establish a well-designed system & process.

For ACE INDUSTRIAL PACKAGING

Authorised Signatory

Signed & Accepted: _____

Date: 27/01/2022.





PRESIDENCY UNIVERSITY



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DEPARTMENT OF MECHANICAL ENGINEERING

BONAFIDE CERTIFICATE

Certified that this report "QMS (QUALITY MANAGEMENT SYSTEM) And Production Resource Planning in a packaging industry" is a bonafide work of "Makam Ravikumar Gari Teja (20181MEC9016)", who have successfully carried out the internship work and submitted the report for partial fulfilment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY in MECHANICAL ENGINEERING during 2021-22.

Mr. Srinivasa Naidu

HR
AIP products and solutions
Bengaluru

20/6/22

Dr. Udaya Ravi M

Project Advisor
Dept of Mechanical Engineering
Presidency University

Dr. Satish Babu B

Associate Professor and HOD(I/C)
Dept of Mechanical Engineering
Presidency University

Dr. Shrishail Anadinni

Associate Dean (Core Branches)
School of Engineering
Presidency University

Dr. Abdul Sharief

Dean
School of Engineering
Presidency University

Name and Signature of the Examiners

- 1) Mr. Yesubharath D
- 2) Mr. Aravindat





AIP PRODUCTS & SOLUTIONS PVT LTD

Corporate Office:

Sy.No.17, Kempapura Village, Hesaraghatta Hobli,
Bangalore-560 090

E-mail: info@acepackaging.co.in, www.acepackaging.co.in,

Contact : +91 88618 42222

CIN No. : U20299KA2021PTC153291

Date: 06/06/2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr. Makam Ravikumar Gari Teja (20181MEC9016) from Presidency University, Bangalore, Studying B.Tech. Mechanical, 8th Semester have done their internship from 03rd March, 2022 to 10th June, 2022 in our organization, AIP Products & Solutions Pvt Ltd also known as (Ace Industrial Packaging).

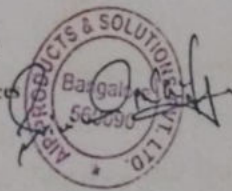
During their internship and project, they worked on "QMS (Quality Management System) Using Deep Learning Techniques For A Manufacturing Company".

During this period, we found them sincere and hardworking. We wish them all the best in their future endeavours.

For AIP Products & Solutions Pvt Ltd ((Ace Industrial Packaging)

Srinivasa Naidu

Human Resources



MANUFACTURING UNITS:

BANGALORE

Sy.No.17, Kempapura Village,
Hesaraghatta Hobli,
Bangalore-560 090

HYDERABAD

Sy.No. 346 & 348, Gummadidala Mandal,
Sarangareddy District,
Telangana- 502 313

CHENNAI

Sy.No.28/48, Sakthi Garden Main Road,
Sennerkuppam, Poonamallee,
Tiruvallur District, Chennai- 600 056





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Mr. Srinivasa Naidu
HR
AIP products and solutions
Bengaluru

20/6/22

Dr. Udaya Ravi M
Project Advisor
Dept of Mechanical Engineering
Presidency University

Dr. Sathish Babu B
Associate Professor and HOD(I/C)
Dept of Mechanical Engineering
Presidency University

Dr. Shrishail Anadinni
Associate Dean (Core Branches)
School of Engineering
Presidency University

Dr. Abdul Sharief
Dean
School of Engineering
Presidency University

Name and Signature of the Examiners

- 1) Mr. Yeshwanth D
- 2) Mr. Aravinda.T.





AIP PRODUCTS & SOLUTIONS PVT LTD

Corporate Office:

Sy.No.17, Kempapura Village, Hesaraghatta Hobli,
Bangalore-560 090

E-mail: info@acepackaging.co.in, www.acepackaging.co.in,
Contact : +91 88618 42222

CIN No. : U20299KA2021PTC153291

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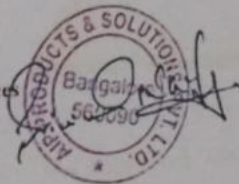
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CHENNAI

Sy.No 28/48, Sakthi Garden,
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Tiruvallur District, Chennai, 600 095





PRESIDENCY UNIVERSITY



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DEPARTMENT OF MECHANICAL ENGINEERING

BONAFIDE CERTIFICATE

Certified that this report titled "**PRODUCTION, CHARACTERIZATION AND TESTING OF BIODIESELS OF HONGE AND WASTE COOKING OIL IN A DIESEL ENGINE**" is a bonafide work of "**UMMANI SUDHEER KUMAR (20181MEC0216), Y SAI VENKAT (20181MEC0229), KANCHU HEMANTH (20181MEC0237)**", who have successfully carried out the project work and submitted the report for partial fulfilment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY in MECHANICAL ENGINEERING during AY 2021-22..

M. M. Rami
20/6/22

Dr. Udaya Ravi M
Professor & Project Guide
Mechanical Engineering
Presidency University

Satish

Dr. Satish Babu B
HOD-Incharge
Mechanical
Engineering
Presidency University

Shrishail

Dr. Shrishail B Anadinni
Associate Dean
School of Engineering
Presidency University

Abdul Sharief

Dr. Abdul Sharief
Dean
School of Engineering
Presidency University

Name and Signature of the Examiners

1) Dr. Devendra S Dandotiya

Devendra

2) Mr. Basavaraj Devakki





PRESIDENCY UNIVERSITY



Private University Estd. in Karnataka State by Act No. 41 of 2013

DEPARTMENT OF MECHANICAL ENGINEERING

BONAFIDE CERTIFICATE

Certified that this report "TRANSPORTABLE AUTOMATIC RESISTANCE SPOT WELDING MACHINE" is a bonafide work of "AJAY BL (20191LME0038), NAVEEN SM (20191LME0039), YALLALING (20191LME0040), LEKEETH KUMAR R (20191LME0041)", who have successfully carried out the project work and submitted the report for partial fulfilment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY in MECHANICAL ENGINEERING during 2021-22..

Dr Yuvaraja Naik
Project Guide
Mechanical Engineering
Presidency University

Dr. Satish Babu B
HOD-In charge
Mechanical
Engineering
Presidency University

Dr. Shrishail Anadinni
Associate Dean
School of Engineering
Presidency University

Dr. Abdul Sharief
Dean
School of Engineering
Presidency University

Name and Signature of the Examiners

1)

2)

REGISTRAR





PRESIDENCY UNIVERSITY



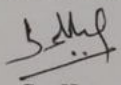
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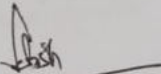
DEPARTMENT OF MECHANICAL ENGINEERING


BONAFIDE CERTIFICATE


Certified that this report “**Internship at Filmboard Movie Technologies Pvt Ltd**” is a bonafide work of “**Aditya Kumar 20181MEC0009 and Anandu Krishnan 20181MEC0021**”, who have successfully carried out the internship work and submitted the report for partial fulfillment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY in MECHANICAL ENGINEERING during 2021-22.

Ms. Mandira Limbu
Sr. Manager -
HR & Operations
Filmboard Movies
Mumbai

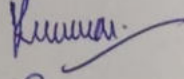
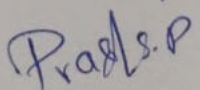

Dr. Sudheer R
Associate Professor
Dept of Mechanical Engineering
Presidency University


Dr. Satish Babu B
Associate Professor and HOD(I/C)
Dept of Mechanical Engineering
Presidency University


Dr. Shrishail Anadinni
Associate Dean (Core Branches)
School of Engineering
Presidency University


Dr. Abdul Sharief
Dean
School of Engineering
Presidency University

Name and Signature of the Examiners

- 1) Mr. KUNWAR CHANDRA SINGH 
- 2) Mr. Prashantu S.P. 



INTERNSHIP LETTER



Dated: 15th December 2021

To,

Mr. Aditya Kumar

Email: aditya24kumarnov@gmail.com

Mob No.: +91-8073916301

OFFER FOR EMPLOYMENT

Further to the discussion with you, we are pleased to offer you the position of an "Intern" at our organizations.

The job function will involve the following:

- Calling various Crew/Talent/Service providers and getting their registration
- Research for new data sources of Talent/Crew/Services Vendors
- Hand holding the newly on-boarded service providers in every possible manner,
- Including helping them uploading the inventory details on Filmboard
- Running Hygiene check on the profile you create on the website
- Account and relationship management with your onboarded vendors
- Updating on Hubspot
- Working on task assigned by Department Head

The job will include activations of vendor registrations on the platform. You would be expected to develop & build a strong base of vendor and also create affiliates which could provide bulk registrations for locations and other segments of the industry.

The Major Project assigned to you is getting vendors On-board, mainly focusing on dealing with existing/new vendors from all categories i.e. Talent, Crew, Service Providers and Locations also multi-task between other assigned tasks.

FILMBOARD MOVIE TECHNOLOGIES PRIVATE LIMITED

Phone: + 91-9326257628

Email: hr@filmboardmovies.com

Aston Building, 10th Floor, Lokhandwala,
Andheri West, Mumbai, Maharashtra 400053

Schwa
REGISTRAR



You'll be working from home during this period of Internship and you'll be paid a stipend of **20,000/- per month** provided you achieve a target of **300 onboards (for each onboard two reviews are mandatory)** that month. The pay will be on pro-rata basis in case the specified target is not met. If you achieve more than 300 onboards, the stipend earned will be calculated at a 10% higher rate for every onboard beyond 300. We will be announcing certain special projects/incentives over and above stated above, during the tenure of your internship, if you demonstrate enough commitment and excitement at work.

You will be expected to serve the complete internship period as discussed with you. This is because we provide intensive training programme to anyone joining our organization and would expect you to learn and contribute in this process. Therefore, if you happen to quit before that period because of any circumstances, any outstanding amount will stand forfeited.

The Filmboard supervisor will specify what completes an on-board fully to constitute for this payment to qualify. If you cross your targets consistently for these initial **3 months**, you will be offered a full-time job in the organization.

Your date of joining is **1/03/2022 (Tuesday)**

To complete our company formalities please send the following details as per below:

- Pan Card & Aadhaar Card Copy
- One Personal and Two College References
- Letter/Mail from College

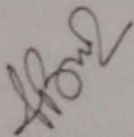
Please submit all details.

Please send an acceptance of all the above by mail.

This offer is valid only if accepted by today by EOD.

Regards,

From FILMBOARD MOVIE TECHNOLOGIES PVT. LTD.



Rajesh Butta

(Authorized Signatory)

FILMBOARD MOVIE TECHNOLOGIES PRIVATE LIMITED

Phone: + 91-9326257428

Email: hr@filmboardmovies.com

Axon Building, 10th Floor, Lokhandwala
Andheri West, Mumbai, Maharashtra 400053

REGISTRAR





PRESIDENCY UNIVERSITY




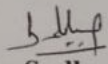
Private University Estd. in Karnataka State by Act No. 41 of 2013

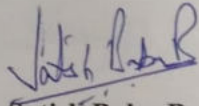
DEPARTMENT OF MECHANICAL ENGINEERING

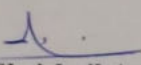
BONAFIDE CERTIFICATE

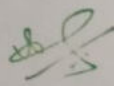
Certified that this report "DESIGN AND QUALITY CONTROL" is a bonafide work of "UNNI AVINASH, 20181MEC0217, VISHAL PRATEEKSH NAIR, 20181MEC0224, VISHNU A.R, 20181MEC0225, PRAMOD R, 20181MEC0241", who have successfully carried out the internship work and submitted the report for partial fulfilment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY in MECHANICAL ENGINEERING during 2021-22.


Mr. Harsha
Design Engineer
Devaki Engineering
Peenya Industrial Area


Dr. Sudheer R
Assistant Professor
Dept of Mechanical Engineering
Presidency University


Dr. Satish Babu B
Associate Professor and HOD(I/C)
Dept of Mechanical Engineering
Presidency University


Dr. Shrishail Anadinni
Associate Dean (Core Branches)
School of Engineering
Presidency University


Dr. Abdul Sharief
Dean
School of Engineering
Presidency University

Name and Signature of the Examiners

- 1) Mr. KUNWAR CHANDRA
- 2) DR. DEVENDRA DANDOTIYA





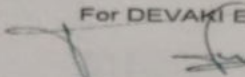
12/03/2022

CERTIFICATE

This is to certify that Mr. UNNI AVINASH, Mechanical Engineering student of Presidency University, Ittagalpura, Rajanakunte, Yelahanka, Bengaluru - 560064 has successfully completed internship program from 13th December 2021 to 12th March 2022 (3 Months) at this company in Design & Quality Departments. During the period of his internship program with us he was found punctual, hardworking & inquisitive.

We wish him every success in life

For DEVAKI ENGINEERING ENTERPRISES PVT. LTD


MOHAN SUNDER
DIRECTOR



* Engineers * Machinery Manufacturers of Lead Acid Storage Battery * Suppliers 2



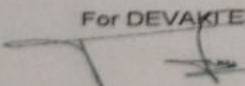
12/03/2022

CERTIFICATE

This is to certify that Mr. VISHAL PRATEEKSH NAIR, Mechanical Engineering student of Presidency University, Ittagalpura, Rajanakunte, Yelahanka, Bengaluru - 560064 has successfully completed internship program from 13th December 2021 to 12th March 2022 (3 Months) at this company in Design & Quality Departments. During the period of his internship program with us he was found punctual, hardworking & inquisitive.

We wish him every success in life

For DEVAKI ENGINEERING ENTERPRISES PVT. LTD


MOHAN SUNDER
DIRECTOR



Srinivas
REGISTRAR




12/03/2022

CERTIFICATE

This is to certify that Mr. VISHNU A. R, Mechanical Engineering student of Presidency University, Ittagalpura, Rajanakunte, Yelahanka, Bengaluru – 560064 has successfully completed internship program from 13th December 2021 to 12th March 2022 (3 Months) at this company in Design & Quality Departments. During the period of his internship program with us he was found punctual, hardworking & inquisitive.

We wish him every success in life

For DEVAKI ENGINEERING ENTERPRISES PVT. LTD

MOHAN SUNDER
DIRECTOR



★ Engineers ★ Machinery Manufacturers of Lead Acid Storage Battery ★ Suppliers 2



12/03/2022

CERTIFICATE

This is to certify that Mr. PRAMOD. R, Mechanical Engineering student of Presidency University, Ittagalpura, Rajanakunte, Yelahanka, Bengaluru – 560064 has successfully completed internship program from 13th December 2021 to 12th March 2022 (3 Months) at this company in Design & Quality Departments. During the period of his internship program with us he was found punctual, hardworking & inquisitive.

We wish him every success in life

For DEVAKI ENGINEERING ENTERPRISES PVT. LTD

MOHAN SUNDER
DIRECTOR



★ Engineers ★ Machinery Manufacturers of Lead Acid Storage Battery ★ Suppliers 1



PRESIDENCY UNIVERSITY

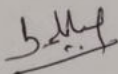
Private University Estd. in Karnataka State by Act No. 41 of 2013

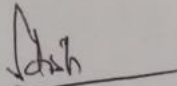


DEPARTMENT OF MECHANICAL ENGINEERING

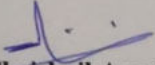
BONAFIDE CERTIFICATE

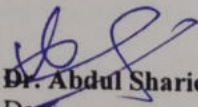
Certified that this report “**Internship at Sai Life Sciences**” is a bonafide work of “**ADARSH PATIL (20181MEC0008)**” who have successfully carried out the internship work and submitted the report for partial fulfilment of the requirements for the award of the degree of **BACHELOR OF TECHNOLOGY** in **MECHANICAL ENGINEERING** during 2021-22.


Mr. Shrinivas Prasad Rao
Annavarapu
General Manager,
Engineering,
Sai Life
Sciences Limited
Bidar


Dr. Sudheer R
Designation
Dept of Mechanical Engineering
Presidency University

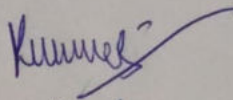
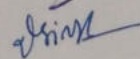
Dr. Satish Babu B
Associate Professor and HOD(I/C)
Dept of Mechanical Engineering
Presidency University


Dr. Shrishail Anadinni
Associate Dean (Core Branches)
School of Engineering
Presidency University


Dr. Abdul Sharief
Dean
School of Engineering
Presidency University

Name and Signature of the Examiners

1) **Mr. KUNWAR CHANDRA SINGH**

2) **Dr. DEVENDRA SINGH DANDOTIYA**


REGISTRAR



16th April 2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify Mr. Adarsh Patil has successfully completed his Internship with Sai Life Sciences Limited from 17 January 2022 to 15 April 2022 under the guidance of Mr. Shrinivas Prasad Rao Annavarapu – General Manager, Engineering.

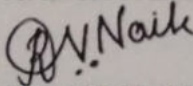
During this tenure, his responsibilities were:

1. Understanding the Operations and Maintenance of Utility Equipment.
2. Mapping the process flow chart (material & manpower engagement) and performance calculations procedure for the Boilers & Cooling towers.
3. Analysing Working principle of Process equipment like Reactor, ANFD & Centrifuges.
4. Observe Condition monitoring and Preventive Maintenance of Assets.
5. Understand role of Safety controls in key Equipment and importance of Industrial safety protocols.

During his Internship he was found regular & punctual.

We wish his very best for his future endeavours.

For SAI LIFE SCIENCES LIMITED



Rajesh Vinodrai Naik
Vice President & Global Head – Human Resources.

Sai Life Sciences Limited (CIN: U24110TG1000PLC030970)

Corporate office

L4-06, SLN Terminus, Survey #133,
Gachibowli Miyapur Road, Gachibowli,
Hyderabad – 500032, Telangana, India.

Registered office

Plot No. DS-7, IKP Knowledge Park, Turkapally
(V), Shameerpet Mandal, Medchal-Malkajgiri
Dist-500078, Telangana, India.

Contact us

T: +91 40 6615 6000,
F: +91 40 6615 6199
E: info@sailife.com
W: www.sailife.com



PRESIDENCY UNIVERSITY



Private University Estd. in Karnataka State by Act No. 41 of 2013

DEPARTMENT OF MECHANICAL ENGINEERING

BONAFIDE CERTIFICATE

Certified that this report "PREPARATION OF POLYMER MATRIX COMPOSITE WITH NATURAL FIBERS" is a bonafide work of "ABDUL SALMAN RASHEED (20181MEC0002), AHMED SAIF ABDUL RAVOOF (20181MEC0012), SHEIK SULAIMAN (20181MEC0197), VAMSHI RL (20191LME0005)", who have successfully carried out the project work and submitted the report for partial fulfilment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY in MECHANICAL ENGINEERING during 2021-22.

Dr. Satish Babu B

Project Guide
Mechanical Engineering
Presidency University

Dr. Satish Babu B

HOD-Incharge
Mechanical
Engineering
Presidency University

Dr. Shrishail Anadinni

Associate Dean
School of Engineering
Presidency University

Dr. Abdul Sharief
Dean

School of Engineering
Presidency University

Name and Signature of the Examiners

- 1) KUNWAR CHANDRA
- 2) SANDEEP G M

REGISTRAR



PRESIDENCY UNIVERSITY

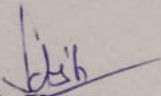


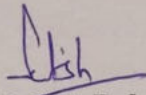
Private University Estd. in Karnataka State by Act No. 41 of 2013

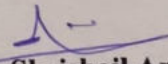
DEPARTMENT OF MECHANICAL ENGINEERING

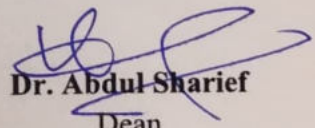
BONAFIDE CERTIFICATE

Certified that this report "EVALUATION OF MECHANICAL PROPERTIES OF Si_3N_4 REINFORCED Al_2O_3 COMPOSITE" is a bonafide work of "SYED YOUSUF M (20181MEC0247), KARTICK REDDY R (20181MEC0248), MOHAMMED FAISAL (20191LME0035), SUDHAKARA K S (20191LME0036) who have successfully carried out the project work and submitted the report for partial fulfilment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY in MECHANICAL ENGINEERING during 2021-22.

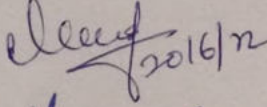
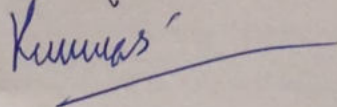

Guide Name
Dr. Satish Babu B
Mechanical Engineering
Presidency University


Dr. Satish Babu B
HOD-Incharge
Mechanical
Engineering
Presidency University


Dr. Shrishail Anadinni
Associate Dean
School of Engineering
Presidency University


Dr. Abdul Sharief
Dean
School of Engineering
Presidency University

Name and Signature of the Examiners

- 1) Aravinda T. 
- 2) KUNWAR CHANDRA 





PRESIDENCY UNIVERSITY



Private University Estd. in Karnataka State by Act No. 41 of 2013

DEPARTMENT OF MECHANICAL ENGINEERING

BONAFIDE CERTIFICATE

Certified that this report "AUTOMATIC VEHICLE SPEED CONTROLLER (ENGINE BASED) USING RFID TECHNOLOGY" is a bonafide work of "MADHU SUDHAN G S (20191LME0007), GAGAN S KUMAR (20181MEC0065), GOWTHAM N (20181MEC0243), GIDDALURU SAIVENKATA GANESH (20181MEC0070), K S VAMSIREDDY (20181MEC9007)", who have successfully carried out the project work and submitted the report for partial fulfilment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY in MECHANICAL ENGINEERING during 2021-22.

Dr. Madhusudhan M
Supervisor & Assistant
Professor
Project Guide
Mechanical Engineering
Presidency University

Dr. Satish Babu B
HOD-Incharge
Mechanical
Engineering
Presidency University

Dr. Shrishail Anadinni
Associate Dean
School of Engineering
Presidency University

Dr. Abdul Sharief
Dean
School of Engineering
Presidency University

Name and Signature of the Examiners

- 1) SANDEEP G.M
- 2) ARAVINDA T





PRESIDENCY UNIVERSITY



Private University Estd. in Karnataka State by Act No. 41 of 2013

DEPARTMENT OF MECHANICAL ENGINEERING

BONAFIDE CERTIFICATE

Certified that this report "QMS (QUALITY MANAGEMENT SYSSYEM) And Production Resource Planning in a packaging industry" is a bonafide work of "Shreyas U (20181MEC9028)", who have successfully carried out the internship work and submitted the report for partial fulfilment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY in MECHANICAL ENGINEERING during 2021-22.

Mr. Srinivasa Naidu

HR

AIP products and solutions

Bengaluru

Dr. Madhusudhan M

Project Advisor

Dept of Mechanical Engineering

Presidency University

Dr. Satish Babu B

Associate Professor and HOD(I/C)

Dept of Mechanical Engineering

Presidency University

Dr. Shrishail Anadinni

Associate Dean (Core Branches)

School of Engineering

Presidency University

Dr. Abdul Sharief

Dean

School of Engineering

Presidency University

Name and Signature of the Examiners

- 1) Dr. Arpitha G.R.
- 2) Mr. Aravinde T.



INTERNSHIP LETTER PROVIDED BY COMPANY:



AIP PRODUCTS & SOLUTIONS PVT LTD

Corporate Office:
Sy.No.17, Kempapura Village, Hesaraghatta Hobli,
Bangalore-560 090

E-mail: info@acepackaging.co.in, www.acepackaging.co.in,
Contact : +91 88618 42222

CIN No. : U20299KA2021PTC153291

Date: 06/06/2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr. Shreyas U (20181MEC9028) from Presidency University, Bangalore, Studying B.Tech. Mechanical, 8th Semester have done their internship from 03rd March, 2022 to 10th June, 2022 in our organization, AIP Products & Solutions Pvt Ltd also known as (Ace Industrial Packaging).

During their internship and project, they worked on "QMS (Quality Management System) Using Deep Learning Techniques For A Manufacturing Company".

During this period, we found them sincere and hardworking. We wish them all the best in their future endeavours.

For AIP Products & Solutions Pvt Ltd ((Ace Industrial Packaging)

Srinivasa Naidu
Human Resources



MANUFACTURING UNITS:

BANGALORE

Sy.No.17, Kempapura Village,
Hesaraghatta Hobli,
Bangalore-560 090

HYDERABAD

Sy.No. 346 & 348, Gummadidala Mandal,
Sarangareddy District,
Telangana- 502 313

CHENNAI

Sy.No.28/48, Sakthi Garden Main Road,
Sennerkuppam, Poonamallee,
Tiruvallur District, Chennai- 600 056





PRESIDENCY UNIVERSITY

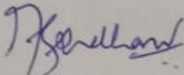


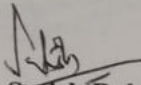
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DEPARTMENT OF MECHANICAL ENGINEERING

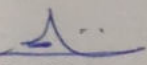
BONAFIDE CERTIFICATE


Certified that this report "**INVENTORY OPTIMIZATION USING DEEP LEARNING TECHNIQUES FOR A MANUFACTURING COMPANY**" is a bonafide work of "**ABHIJITH O (20181MEC003), ASHWINI S (20191LME0003), CHETAN C (20191LME0006), AVINASH AV (20191LME0010)**". who have successfully carried out the internship work and submitted the report for partial fulfillment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY in MECHANICAL ENGINEERING during 2021-22.


Mr. KUMAR C
WPPG Head
RITTAL INDIA
DODDABALLAPURA

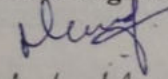
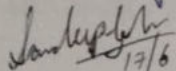

Dr. MADHUSUDHAN M
Asst.COE & Asst. prof
Dept of Mechanical Engineering
Presidency University


Dr. Sathish Babu B
Associate Professor and HOD(I/C)
Dept of Mechanical Engineering
Presidency University


Dr. Shrishail Anadinni
Associate Dean (Core Branches)
School of Engineering
Presidency University


Dr. Abdul Sharief
Dean
School of Engineering
Presidency University

Name and Signature of the Examiners

-  **Asavinda. J**
-  **SANDEEP G.M**





Date: 07-06-2022

RITTAL India Private Limited
No. 23 & 24
KIADB Industrial Area
Veerapura
Doddaballapur - 561*203
Bengaluru Dist

☎ +91(0)80 61413900
☎ +91(0)80 61414099
✉ info@rittal-india.com
🌐 www.rittal-india.com
CIN U31100KA1994PTC015641

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. Ashwini S (201911ME0003) from Presidency University, Bangalore, studying B.Tech. Mechanical, 8th semester have done their internship from 6th March, 2022 to 6th June, 2022 in our organization, Rittal India Private Limited.

During their Internship and Project, they worked on "Inventory Optimization Using Deep Learning Techniques For A Manufacturing Company".

During this period, we found them sincere and hardworking. We wish them all the best in their future endeavors.

For Rittal India Pvt Ltd

27/6/22
Puja Singh
Human Resources





PRESIDENCY UNIVERSITY



Private University Estd. in Karnataka State by Act No. 41 of 2013

DEPARTMENT OF MECHANICAL ENGINEERING

BONAFIDE CERTIFICATE

Certified that this report "Production yield optimization" is a bonafide work of "Shashank S (20191LME0016), Prakasha T S (20191LME0017), Prajwal J C (20191LME0037), Manjunath S (20191LME0027)", who have successfully carried out the internship work and submitted the report for partial fulfilment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY in MECHANICAL ENGINEERING during 2021-22.

Mr. Ramamurthy
Production Co-ordinator
Rittal india Pvt Ltd.
Bengaluru

Dr. G N Lokesh -- 20/6/2022
Associate Professor selection
grade
Dept of Mechanical Engineering
Presidency University

Dr. Satish Babu B
Associate Professor and HOD(I/C)
Dept of Mechanical Engineering
Presidency University

Dr. Shrishail Anadinni
Associate Dean (Core Branches)
School of Engineering
Presidency University

Dr. Abdul Sharief
Dean
School of Engineering
Presidency University

Name and Signature of the Examiners

- 1)
- 2)





Date: 02-06-2022

RITTAL India Private Limited
No. 23 & 24
KIADB Industrial Area
Veerapura
Doddaballapur - 561 203
Bengaluru Dist

+91 (0) 80 6141 3900
+91 (0) 80 6141 4099
info@rittal-india.com
www.rittal-india.com
CIN : U31100KA1994PTC015641

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr. Shashank S (20191LME0016) from Presidency University, Bangalore, studying B.E. Mechanical, 8th semester have done their internship from 2nd March, 2022 to 2nd June, 2022 in our organization, Rittal India Private Limited.

During their Internship and Project, they worked on "Production Yield Optimization".

During this period, we found them sincere and hardworking. We wish them all the best in their future endeavors.

For Rittal India Pvt Ltd

Puja Singh
Human Resources



REGISTRAR

ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES



Date: 02-06-2022

RITTAL India Private Limited
No. 23 & 24
KIADB Industrial Area
Veerapura
Doddaballapur - 561 203
Bengaluru Dist

☎ +91 (0)80 6141 3000
☎ +91 (0)80 6141 4099
✉ info@rittal-india.com
🌐 www.rittal-india.com
CIN : U31100KA1004PTC015641

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. Prakash T S (20191LME0017)** from **Presidency University, Bangalore**, studying **B.E. Mechanical, 8th semester** have done their internship from **2nd March, 2022 to 2nd June, 2022** in our organization, **Rittal India Private Limited**.

During their Internship and Project, they worked on **"Production Yield Optimization"**.

During this period, we found them sincere and hardworking. We wish them all the best in their future endeavors.

For Rittal India Pvt Ltd


Puja Singh
Human Resources




REGISTRAR




Date: 02-06-2022

RITTAL India Private Limited
No. 23 & 24
KIADB Industrial Area
Veerapura
Doddaballapur - 561 203
Bengaluru Dist

☎ +91 (0) 80 6141 3900
☎ +91 (0) 80 6141 4099
✉ info@rittal-india.com
🌐 www.rittal-india.com
CIN: U31100KA1994PTC015641

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. Prajwal J C (20191LME0037)** from **Presidency University, Bangalore,** studying **B.E. Mechanical, 8th semester** have done their internship from **2nd March, 2022 to 2nd June, 2022** in our organization, **Rittal India Private Limited.**

During their Internship and Project, they worked on **"Production Yield Optimization"**.

During this period, we found them sincere and hardworking. We wish them all the best in their future endeavors.

For Rittal India Pvt Ltd

Puja Singh
Human Resources



Sanne
REGISTRAR





Date: 02-06-2022

RITTAL India Private Limited
No. 23 & 24
KIADB Industrial Area
Veerapura
Doddaballapur - 561 203
Bengaluru Dist

☎ +91(0)80 61413900
☎ +91(0)80 61414099
✉ info@rittal-india.com
🌐 www.rittal-india.com
CIN : U31100KA1994PTC015641

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. Manjunath S (20191LME0027)** from **Presidency University, Bangalore, studying B.E. Mechanical, 8th semester** have done their internship from **2nd March, 2022 to 2nd June, 2022** in our organization, **Rittal India Private Limited**.

During their Internship and Project, they worked on **"Production Yield Optimization"**.

During this period, we found them sincere and hardworking. We wish them all the best in their future endeavors.

For Rittal India Pvt Ltd



Puja Singh
Human Resources




REGISTRAR


ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES



PRESIDENCY UNIVERSITY





Private University Estd. in Karnataka State by Act No. 41 of 2013


DEPARTMENT OF MECHANICAL ENGINEERING


BONAFIDE CERTIFICATE


Certified that this report "**STUDY OF DIFFERENT PARAMETERS IN CNC MILLING MACHINE**" is a bonafide work of "ADARSH A (20191LME0013), KARTHIK R S (20191LME0014), YUVARAJA K M (20191LME0018), NAVEEN KUMAR S (20191LME0024)", who have successfully carried out the internship work and submitted the report for partial fulfilment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY in MECHANICAL ENGINEERING during 2021-22.


Mr. B. Raju
PPC Head
Gagan tool tech
Bangalore-560044




Dr. G N Lokesh
Associate Professor
Dept of Mechanical Engineering
Presidency University


Dr. Satish Babu B
Associate Professor and HOD(I/C)
Dept of Mechanical Engineering
Presidency University


Dr. Shrishail Anadinni
Associate Dean (Core Branches)
School of Engineering
Presidency University


Dr. Abdul Sharief
Dean
School of Engineering
Presidency University

Name and Signature of the Examiners

- 1)  Kunwar chandra
- 2)  Dr. Yuvaraja N K


REGISTRAR




GAGAN TOOL TECH

(Mfg. Injection Moulds ■ Press Tools ■ Jigs & Fixtures ■ CNC Machining Job Works)

17/1, 14th 'E' Cross, Rajajinagar Industrial Town, Bangalore 560 044.

Tel: +91 80 23402550 ■ Mobile: 9739904833 / 9901509113

email: gagantooltech@gmail.com

JUNE 7.2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **MR. ADARSH A (20191LME0013)** from Presidency University, Bangalore, studying B. TECH Mechanical, 8th semester has done their internship from **2nd FEBRUARY, 2022 to 2nd June, 2022** in our organization, **GAGAN TOOL TECH.**

During their Internship and Project, they worked on "**STUDY OF DIFFERENT PARAMETER OF CNC MILLING MACHINE (VMC)**". During this period, we found them sincere and hardworking. We wish them all the best in their future endeavours

For GAGAN TOOL TECH



GAGAN RAJ.R

CEO OF GAGAN TOOL TECH

REGISTRAR



GAGAN TOOL TECH

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email: gagantooltech@gmail.com

JUNE 7.2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **MR. KARTHIK RS (20191LME0014)** from Presidency University, Bangalore, studying B. TECH Mechanical, 8th semester has done their internship from **2nd FEBRUARY, 2022 to 2nd June, 2022** in our organization, **GAGAN TOOL TECH.**

During their Internship and Project, they worked on "**STUDY OF DIFFERENT PARAMETER OF CNC MILLING MACHINE (VMC)**". During this period, we found them sincere and hardworking. We wish them all the best in their future endeavours

For GAGAN TOOL TECH



GAGAN RAJ.R

CEO OF GAGAN TOOL TECH

REGISTRAR



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email: gagantooltech@gmail.com

JUNE 7.2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **MR. YUVARAJA KM (20191LME0018)** from Presidency University, Bangalore, studying B. TECH Mechanical, 8th semester has done their internship from **2nd FEBRUARY, 2022 to 2nd June, 2022** in our organization, **GAGAN TOOL TECH.**

During their Internship and Project, they worked on "**STUDY OF DIFFERENT PARAMETER OF CNC MILLING MACHINE (VMC)**". During this period, we found them sincere and hardworking. We wish them all the best in their future endeavours

For GAGAN TOOL TECH



GAGAN RAJ.R

CEO OF GAGAN TOOL TECH

REGISTRAR



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Tel: +91 80 23402550 ■ Mobile: 9739904833 / 9901509113
email: gagantooltech@gmail.com

JUNE 7.2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **MR. NAVEEN KUMAR S** (20191LME0024) from Presidency University, Bangalore, studying B. TECH Mechanical, 8th semester has done their internship from **2nd FEBRUARY, 2022 to 2nd June, 2022** in our organization, **GAGAN TOOL TECH.**

During their Internship and Project, they worked on "**STUDY OF DIFFERENT PARAMETER OF CNC MILLING MACHINE (VMC)**". During this period, we found them sincere and hardworking. We wish them all the best in their future endeavours

For **GAGAN TOOL TECH**



GAGAN RAJ.R

CEO OF GAGAN TOOL TECH

REGISTRAR



PRESIDENCY UNIVERSITY

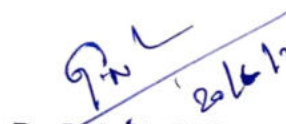


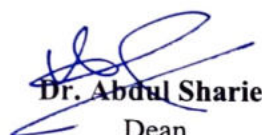
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DEPARTMENT OF MECHANICAL ENGINEERING

BONAFIDE CERTIFICATE

Certified that this report “**SOLAR OPERATED AUTOMATIC SEED SOWER WITH DEPTH CONTROL**” is a bonafede work of “Kamparaju Abhishek Gowd (20181MEC0088), Chamanth Kumar Reddy (20181MEC0101), Sumanth Kumar Reddy S (20181MEC0207), Darshan M (20191LME0023)”, who have successfully carried out the project work and submitted the report for partial fulfilment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY in MECHANICAL ENGINEERING during 2021-22.

 Dr. Lokesh G N Project Guide Associate Professor-SG Mechanical Engineering Presidency University	 Dr. Satish Babu B HOD-In charge Mechanical Engineering Presidency University	 Dr. Shrishail Anadinni Associate Dean School of Engineering Presidency University	 Dr. Abdul Sharief Dean School of Engineering Presidency University
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Name and Signature of the Examiners

- 1)  Dr. R. Jothi Basu
- 2)  Dr. Yuvraj A Naik


REGISTRAR




PRESIDENCY UNIVERSITY

Private University Estd. in Karnataka State by Act No. 41 of 2013



DEPARTMENT OF MECHANICAL ENGINEERING

BONAFIDE CERTIFICATE

Certified that this report "A Study of Design and testing of Internal Gear Pump" is a bona fide work of "PAVAN KUMAR S (20181MEC9025), MANISH GOWDA S (20181MEC9020), NITHIN T (20191LME0044)", who have successfully carried out the project work and submitted the report for partial fulfilment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY in MECHANICAL ENGINEERING during 2021-22.

Dr. Jothi Basu

Assistant Professor
Project Guide
Mechanical Engineering
Presidency University

Dr. Satish Babu B

HOD-In charge
Mechanical
Engineering
Presidency University

Dr. Shrishail Anadinni

Associate Dean
School of Engineering
Presidency University

Dr. Abdul Sharief

Dean
School of Engineering
Presidency University

Name and Signature of the Examiners

1) DR. RAMACHANDRA. C.G

2) DR. G.N. Lokesh

REGISTRAR





DTL/PER/2022/273
June 18th, 2022

TO WHOM SOEVER IT MAY CONCERN

This is to certify that **Mr. Pavan Kumar S (Reg No: 20181MEC9025) ME** student of **Presidency University**, has successfully completed his project study on **“Design of test rig & Testing of Internal gear pump”** in our Organization from **March 3rd 2022 to June 06th 2022** under the guidance of **Mr. Pramod S N, Senior Manager - Production.**

During the stay in our organization **Mr. Pavan Kumar S** was very useful and completed the project work successfully.

We wish good luck in his future endeavour.

Thanking you,

Yours faithfully,

For DYNAMATIC HYDRAULICS

Hithraishini G
Deputy Manager – HR



DTL/PER/2022/273
June 18th, 2022



TO WHOM SOEVER IT MAY CONCERN

This is to certify that **Mr. Manish Gowda S** (Reg No: 20181MEC9020) ME student of **Presidency University**, has successfully completed his project study on “**Design of test rig & Testing of Internal gear pump**” in our Organization from **March 3rd 2022 to June 06th 2022** under the guidance of **Mr. Pramod S N, Senior Manager - Production.**

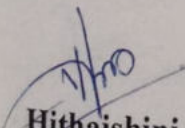
During the stay in our organization **Mr. Manish Gowda S** was very useful and completed the project work successfully.

We wish good luck in his future endeavour.

Thanking you,

Yours faithfully,

For DYNAMATIC HYDRAULICS


Hithaishini G
Deputy Manager – HR



DTL/PER/2022/273

June 18th, 2022



TO WHOM SOEVER IT MAY CONCERN

This is to certify that **Mr. Nithin T (Reg No: 20191MEC0044)** ME student of **Presidency University**, has successfully completed his project study on **“Design of test rig & Testing of Internal gear pump”** in our Organization from **March 3rd 2022 to June 06th 2022** under the guidance of **Mr. Pramod S N, Senior Manager - Production.**

During the stay in our organization **Mr. Nithin T** was very useful and completed the project work successfully.

We wish good luck in his future endeavour.

Thanking you,

Yours faithfully,

For **DYNAMATIC HYDRAULICS**

Hithaishini G

Deputy Manager – HR





PRESIDENCY UNIVERSITY

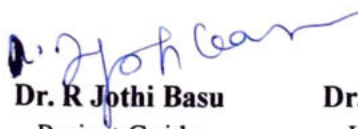


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DEPARTMENT OF MECHANICAL ENGINEERING

BONAFIDE CERTIFICATE

Certified that this report "Design And Analysis of an Autonomous Vehicle" is a bonafide work of "Abhilash R (20181ME0004), Anand P V (20181MEC0020), Nitin Stanley Sequeira (20181MEC0137), S Matheenur Rahman (20181MEC9032)", who have successfully carried out the project work and submitted the report for partial fulfilment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY in MECHANICAL ENGINEERING during 2021-22..


Dr. R Jothi Basu


Project Guide
Mechanical Engineering
Presidency University


Dr. Satish Babu B

HOD-Incharge
Mechanical Engineering
Presidency University



Dr. Shrishail Anadinni
Associate Dean
School of Engineering
Presidency University


Dr. Abdul Sharief

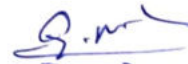
Dean
School of Engineering
Presidency University

Name and Signature of the Examiners

1) DR. RAMACHANDRA. C.R

2) DR. SURESH K. S.









PRESIDENCY UNIVERSITY



Private University Estd. in Karnataka State by Act No. 41 of 2013

DEPARTMENT OF MECHANICAL ENGINEERING

BONAFIDE CERTIFICATE

Certified that this report "**NUMERICAL STUDY ON BATTERY THERMAL MANAGEMENT SYSTEM**" is a bonafide work of "**SUDHARSHAN J (2018IMEC0205), SHAMANTH B S (2018IMEC0193), H.P. CHETHAN RAJ (2018IMEC9021), SHREE HARSHA (20191LME0009)**", who have successfully carried out the project work and submitted the report for partial fulfilment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY in MECHANICAL ENGINEERING during 2021-22.

Dr. Devendra Dandotiya
Project Guide
Mechanical Engineering
Presidency University

Dr. Satish Babu B
HOD In-charge
Mechanical
Engineering
Presidency University

Dr. Shrishail Anadinni
Associate Dean
School of Engineering
Presidency University

Dr. Abdul Sharief
Dean
School of Engineering
Presidency University

Name and Signature of the Examiners

- 1) *Kunupur. Chaudra*
- 2) *Dr. Sudheer R*

