









### #207, Kambipura, Mysore Road, Bangalore – 560 074. Affiliated to VTU, Belgaum. Approved by AICTE, New Delhi & Govt. of Karnataka

### **INTERNSHIP DETAILS 2019-2023**

**DEPARTMENT OF AEROSPACE ENGINEERING** 

INTERNSHIP DETAILS 2019-2025						
USN	NAME	Organising unit/ agency/ collaborating agency	INTERNSHIP TITTLE			
1AH18AS027	SACHIN K	HINDUSTAN AERONAUTICS LIMITED	OVERVIEW OF ENGINES AND VARIOUS SHOPS OF ENGINE DIVISION			
1AH19AS001	AAKASH VERMA	REXRORTH	CONTROLLING THE MOVEMENT OF PISTON ELECTRO PNEUMATICALLY USING PLC			
1AH19AS002	AFREEN TAJ	HINDUSTAN AERONAUTICS LIMITED	A STUDY ON MANUFACTURING OF HELICOPTERS			
1AH19AS003	AMOGH S RAJ	CENTRE FOR NANO SCIENCE AND ENGINEERING	LIGHT WEIGHT COOLING SYSTEM FOR ONBOARD SENSORS ON SPACECRAFT			
1AH19AS004	ANJAYYA	HINDUSTAN AERONAUTICS LIMITED	FABRICATION TECHNIQUE AND QUALITY STANDARDS FOR LAUNCH VEHICLE MANUFACTURING			
1AH19AS006	BHARATHI BAI G S	HINDUSTAN AERONAUTICS LIMITED	TRANSMISSION ASSEMBLY CHECK			
1AH19AS007	BHARTI VISHAL RAMESH	REXRORTH	CONTROLLING THE MOVEMENT OF PISTONS ELECTRO-PNEUMATICALLY USING PLC			
1AH19AS008	BRYAN JOHN DCOSTA	HINDUSTAN AERONAUTICS LIMITED	OVERVIEW OF ENGINES AND VARIOUS SHOPS OF ENGINE DIVISION, HAL			
1AH19AS010	CHANDAN GANESH R	HINDUSTAN AERONAUTICS LIMITED	FABRICATION TECHNIQUES AND QUALITY STANDARDS FOR LAUCH VEHICLE MANUFACTURING			
1AH19AS011	D. S. RIYA	ACSCE (IRNSS DATA CENTRE)	MODELING OF LOW LATITUDE IONOSPHERE USING AUTO REGRESSIVE MOVING AVERAGE			
1AH19AS012	HARISH R B	HINDUSTAN AERONAUTICS LIMITED	FABRICATION TECHNIQUE AND QUALITY STANDARDS FOR LAUNCH VEHICLE MANUFACTURING			
1AH19AS013	HISSAN TASADUQ	CADD MAXX ED TECH	AUTOMOTIVE PRODUCT DESIGN AND MANUFACTURING			
1AH19AS014	KARTHIKA	HINDUSTAN AERONAUTICS LIMITED	OVERVIEW OF ENGINES AND VARIOUS SHOPS OF ENGINE DIVISION, HAL			
1AH19AS015	KS SUPRATEJ	HINDUSTAN AERONAUTICS LIMITED	OVERVIEW OF ENGINES AND WORKSHOPS IN AERO ENGINE DIVISION, HAL			
1AH19AS016	LAWRANCE SAMSON	HINDUSTAN AERONAUTICS LIMITED	OVERVIEW OF ENGINES AND VARIOUS SHOPS OF ENGINE DIVISION, HAL			
1AH19AS017	LIKITH L	HINDUSTAN AERONAUTICS LIMITED	OVERVIEW OF ENGINES AND VARIOUS SHOPS OF ENGINE DIVISION			
1AH19AS019	MONIKA K M	HINDUSTAN AERONAUTICS LIMITED	OVERVIEW OF ENGINES AND VARIOUS SHOPS OF ENGINE DIVISION, HAL			
1AH19AS020	MONISHA S	HINDUSTAN AERONAUTICS LIMITED	TRANSMISSION ASSEMBLY CH/CK			



#207, Kambipura, Mysore Road, Bangalore – 560 074.

NAAC
INTRODUCTION

'A' GRADE







# Affiliated to VTU, Belgaum. Approved by AICTE, New Delhi & Govt. of Karnataka DEPARTMENT OF AEROSPACE ENGINEERING

### **INTERNSHIP DETAILS 2019-2023**

		SHIP DETAILS 2015	7-2025
1AH19AS021	MOUNIKA VN	HINDUSTAN AERONAUTICS LIMITED	FAMILIRIASATION OF BASIC CONCEPTS IN HELICOPTER GROUND TEST CENTER AND SYSTEM
1AH19AS023	NANDA KUMAR.R	HINDUSTAN AERONAUTICS LIMITED	OVERVIEW OF ENGINES AND VARIOUS SHOPS OF ENGINE DIVISION, HAL
1AH19AS024	NISCHAL K T	HINDUSTAN AERONAUTICS LIMITED	HAL STUDENT INTERNSHIP PROGRAMME
1AH19AS025	NITHISH K M	HINDUSTAN AERONAUTICS LIMITED	KNOWLEDGE OF BASIC CONCEPTS IN GROUND TEST CENTRE
1AH19AS026	P S YATISH GOVIND	HINDUSTAN AERONAUTICS LIMITED	HINDUSTAN AERONAUTICS LIMITED
1AH19AS027	POOJITHA V	HINDUSTAN AERONAUTICS LIMITED	FABRICATION TECHNIQUE AND QUALITY STANDARDS FOR LAUNCH VEHICLE MANUFACTURING
1AH19AS029	RAKESH N	HINDUSTAN AERONAUTICS LIMITED	BASIC KNOWLEGE OF GTC OF RWR&DC
1AH19AS030	конітн нк	HINDUSTAN AERONAUTICS LIMITED	OVERVIEW OF LCA TEJAS AIRCRAFT
1AH19AS031	SAGAR M S	HINDUSTAN AERONAUTICS LIMITED	OVERVIEW OF ENGINES AND VARIOUS SHOPS OF ENGINE DIVISION, HAL
1AH19AS032	SAGARIKA K R	HINDUSTAN AERONAUTICS LIMITED	STUDY OF MANUFACTURING OF HELICOPTERS, HAL
1AH19AS033	SANDEEP SAGAR M V	HINDUSTAN AERONAUTICS LIMITED	HAL INTERNSHIP IN AIRCRAFT DIVISION
1AH19AS034	SANGEETHA G	HINDUSTAN AERONAUTICS LIMITED	OVERVIEW OF LCA TEJAS DIVISION
1AH19AS036	SHUBHA K N	HINDUSTAN AERONAUTICS LIMITED	FAMILIARISATION TO BASIC CONCEPTS IN HELICOPTER STRUCTURES GROUND TESTING
1AH19AS038	SOWMYA G S	ACSCE (IRNSS DATA CENTRE)	MODELING OF LOW LATITUDE IONOSPHERE USING AUTO REGRESSIVE MOVING AVERAGE
1AH19AS039	SPOORTI G BAHADDURBANDI	HINDUSTAN AERONAUTICS LIMITED	FAMILIARISATION TO BASIC CONCEPTS IN GROUND TEST CENTRE
1AH19AS040	SUMITH. V. SAWKAR	HINDUSTAN AERONAUTICS LIMITED	OVERVIEW OF LIGHT COMBAT AIRCRAFT - TEJAS
1AH19AS041	SUMUKH KUMAR K	AERONAUTICAL DEVELOPMENT AGENCY	INTRODUCTION TO APPLIED CFD
1AH19AS043	T S SAMANTH	HINDUSTAN AERONAUTICS LIMITED	OVERVIEW OF ENGINES AND VARIOUS SHOPS OF ENGINE DIVISION, HAL
1AH19AS044	TEJASWINI S	HINDUSTAN AERONAUTICS LIMITED	OVERVIEW OF ENGINES AND VARIOUS SHOPS OF ENGINE DIVISION, HAL
1AH19AS045	THILAK N K	HINDUSTAN AERONAUTICS LIMITED	BASIC KNOWLEDGE IN GROUND TESTING CENTRE (GTC) OF RWR&DC
1AH19AS046	VAIBHAV PANDEY	ACSCE (IRNSS DATA CENTRE)	"STUDY OF MACHINE LEARNING ALGORITHMS USING PYTHON"



NAAC
WATCHINGTON CONCERNING ONCE







#207, Kambipura, Mysore Road, Bangalore – 560 074.
Affiliated to VTU, Belgaum. Approved by AICTE, New Delhi & Govt. of Karnataka

## **DEPARTMENT OF AEROSPACE ENGINEERING**

### **INTERNSHIP DETAILS 2019-2023**

1AH19AS047	VEETHASMI A KUMAR	ISRO BENGALURU	STUDY OF KLOBUCHAR MODEL FOR IONOSPHERIC CORRECTIONS
1AH19AS048	YADHUBANGAR A S	HINDUSTAN AERONAUTICS LIMITED	OVERVIEW OF ENGINES AND VARIOUS SHOPS OF ENGINE DIVISION
1AH19AS049	YASHAS C	HINDUSTAN AERONAUTICS LIMITED	FABRICATION TECHNIQUE AND QUALITY STANDARDS FOR LAUNCH VEHICLE MANUFACTURING



'A' GRADE







### #207, Kambipura, Mysore Road, Bangalore - 560 074. Affiliated to VTU, Belgaum. Approved by AICTE, New Delhi & Govt. of Karnataka

## DEPARTMENT OF AEROSPACE ENGINEERING

### **INTERNSHIP DETAILS 2019-2023**

#### INTERNSHIP CERTIFICATE

ಇಂಜಿನ್ ವಿಭಾಗ / इंजन प्रभाग / ENGINE DIVISION भंगल्य प्रविशाह / बेंगल्र कॉम्प्लेक्स / BANGALORE COMPLEX ಹಿಂದೂಸ್ಥಾನ್ ಏರೋನಾಟಿಕ್ಸ್ ಲಿಮಿಟೆಡ್

हिन्द्स्तान एरोनॉटिक्स लिमिटेड HINDUSTAN AERONAUTICS LIMITED



ಅಂಚೆ ಪೆಟಿಗೆ ಸಂಖ್ಯೆ 9310, ಬೆಂಗಳೂರು-560093 ಭಾರತ पोस्ट बैग सं 9310, बेंगलूरु - 560 093, भारत Post Bag No.9310, Bengaluru-560093, India

Ph.: 91-80 Fax: 91-80

E/HR/Internship/2022

01-10-2022

www.hal-india.co.in

#### CERTIFICATE

This is to certify that Mr. Sachin K, BE (Aerospace Engineering) Student of ACS College of Engineering, Bangalore has successfully completed his Internship in Assembly & Overhaul, Engine Division, Hindustan Aeronautics Limited (Bangalore Complex), Bengaluru - 560 093, during the period from 02-09-2022 to 01-10-2022 on No-Pay No-Fee Basis.

(This Certificate is issued for academic purpose only)

MANAGER-HR (ERM)



ನೋಂದಾಯಿತ ಕಚೇರಿ : ೧೫/೧, ಕಬ್ಬನ್ ರಸ್ತೆ, ಬೆಂಗಳೂರು-೫೬೦೦೦೧, ಭಾರತ पंजीकृत कार्यालय: 15/1, कब्बन रोड़, बेंगलूरु - 560 001, भारत Registered Office: 15 /1, Cubbon Road, Bengaluru - 560 001, India ಸಿ ಐ ಎನ್/ सी आई एन/CIN:L35301KA1963GOI001622









#207, Kambipura, Mysore Road, Bangalore - 560 074. Affiliated to VTU, Belgaum. Approved by AICTE, New Delhi & Govt. of Karnataka

## **DEPARTMENT OF AEROSPACE ENGINEERING**

#### **INTERNSHIP DETAILS 2019-2023**

#### INTERNSHIP CERTIFICATE



## Certificate

Industrial Internship in Automation Technology

#### AAKASH VERMA (1AH19AS001)

has successfully completed Four Weeks Industrial Internship from 01/09/22 to 01/10/22 in the area of Industrial Automation with the following contents:

- 1. Programmable Logic Controller (Bosch Rexroth L20 PLC)
  - Fundamentals of Bosch Rexroth L20 PLC
  - PLC Programming in IndraWorks Engineering
  - Overview of Industrial Applications
- 2. Industrial Pneumatics (Bosch Rexroth Products)
  - Basic Pneumatics
  - Electro Pneumatics

3. Industrial Hydraulics (Bosch Rexroth Products)

**Basic Hydraulics** 

Electro Hydraulics

4. Real time PLC controlled Pneumatics and Hydrau

Director

Industrial Technologies





NAAC
NACHEMINION AND ACCEPTATION COMMENT

'A' GRADE







#207, Kambipura, Mysore Road, Bangalore – 560 074. Affiliated to VTU, Belgaum. Approved by AICTE, New Delhi & Govt. of Karnataka

## **DEPARTMENT OF AEROSPACE ENGINEERING**

### **INTERNSHIP DETAILS 2019-2023**

मानव संसघन विभाग हेलिकॉप्टर प्रभाग (हैका) हिन्दुस्तान एरोनाटिक्स लिमिटेड पोस्ट बैग संख्या 1790, बेंगलूर - 560017, भारत



HR DEPARTMENT HELICOPTER DIVISION (HC) HINDUSTAN AERONAUTICS LIMITED Post Bag No.1790, Bangalore-560 017, India Ph. (क्रुपाच) : 91-80-2231 7891, 2232 2918

Fax (फैक्स) : 91-80-22314717

Ref: H/A/HR/CM (PR)/2022

October 07, 2022

### CERTIFICATE

This is to certify that Ms. Afreen Taj (USN No: 1AH19AS002) student of BE - Aerospace Engineering, ACS College of Engineering, Bangalore, has undergone "Internship" in Civil Helicopter Department, HAL-Helicopter Division from 08.09.2022 to 07.10.2022.

- 2. Her Punctuality, Conduct, Behaviour and Progress during the period of "Internship" was Satisfactory.
- 3. We wish Ms. Afreen Taj all the very best in all her future endeavors.

For HAL-Helicopter Division

Chief Manager (Public Relations)

ध्वे अस्म कार्या | जी व पान | G H RANU चार्या व कार्या (जी संवर्धन) पुरुष प्रवेशन (जी संवर्ध)

07/ 10/ 2022

Chiof Manager (Public Relations)
প্রতিক্ষরাকুরিকার, একে.একে. গ্রেলাকৈর -17
বিশ্বাকির সম্মন, হর.ছ.ব্ল, নিন্দুর-17
teleopter Division, HAL, Benealtr 1-47

पंजीकृत कार्यलय : 15/1, कब्बन रोड, बेंगलूर – 560001, भारत Registered Office: 15/1, Cubbon Road, Bangalore-560 001, India CIN:U35301KA1963GOI001622 E(ई): hr.hcop@hal-india.com www.hal-india.com



NAAC
NTONA ASSOCIATION ACCOUNTS AND ACCOUNTS



www.hal-india.com





#207, Kambipura, Mysore Road, Bangalore – 560 074. Affiliated to VTU, Belgaum. Approved by AICTE, New Delhi & Govt. of Karnataka

### **DEPARTMENT OF AEROSPACE ENGINEERING**

#### **INTERNSHIP DETAILS 2019-2023**

ಎರೋಸ್ತ್ರೇಸ್ ವಿಭಾಗ/एसेस्सेस प्रभाग AEROSPACE DIVISION ಹಿಂದೊಪ್ಪಾನ್ ವಿಮಾನ ಕಾರ್ಖಾಸೆ हिन्दुस्तान एसेनॉटिक्स लिमेटेड HINDUSTAN AERONAUTICS LIMITED



ಆಂಟೆ ಪೆಟ್ಟಿಗೆ ಸಂಖ್ಯೆ ೭೫೦೨, ಹೊಸ ತಿಪ್ಪಸಂದ್ರ ಅಂಟೆ, ಬೆಂಗಳೂರು - ೫೬೦ ೦೭೫, ಭಾರತ पोरट वैग सं. 7502, न्यू तिप्यसंडा पोस्ट, बॅगलूर-560 075, भारत Post Bag No. 7502, New Thippasandra Post, Bengaluru - 560 075, India

"हिंदी बढ़ेगी तभी, जब चाहेंगे सभी"

11th March 2023

HAL/ASD/HR/Internship/500 /2023

#### CERTIFICATE

\*\*\*\*

This is to certify that Mr Anjayya bearing USN: 1AH19AS004, B.E Aerospace Engineering student of ACS College of Engineering, Bangalore-74 has undergone "Internship" in Aerospace Division, Hindustan Aeronautics Limited, Bangalore Complex from 13<sup>th</sup> February 2023 to 11<sup>th</sup> March 2023.

The character and conduct of Mr Anjayya during the "Internship" was good. We wish him all success.

(Mehan Naik N) Sr. Manager (HR)

ಸೋಂದಾಯಿತ ಕಛೇರಿ : ೧೫/೧, ಕಬ್ಬನ್ ರಸ್ತೆ, ಬೆಂಗಳೂರು - ೫೬೦ ೦೦೧, ಭಾರತ पंजीकृत कार्यालय : 15/1, कब्यन रोड, बेंगलूरु – 560 001, भारत Registered Office : 15/1, Cubbon Road, Bengaluru - 560 001, India

CIN: L35301KA1963GOI001622









#207, Kambipura, Mysore Road, Bangalore - 560 074. Affiliated to VTU, Belgaum. Approved by AICTE, New Delhi & Govt. of Karnataka

## DEPARTMENT OF AEROSPACE ENGINEERING

## **INTERNSHIP DETAILS 2019-2023** INTERNSHIP CERTIFICATE

मानव संसधन विभाग हेलिकॉप्टर प्रभाग (हेका) हिन्दुस्तान एरोनाटिक्स लिमिटेड पोस्ट बैग संख्या 1790, बेंगलूर - 560017, भारत



HR DEPARTMENT HELICOPTER DIVISION (HC) HINDUSTAN AERONAUTICS LIMITED Post Bag No.1790, Bangalore-560 017, India Ph. (व्रामाष): 91-80-2231 7891, 2232 2918

Fax (फेक्स): 91-80-22314717

Ref: H/A/HR/CM (PR)/2022

October 07, 2022

### CERTIFICATE

This is to certify that Ms. Bharathi Bai G S (USN No: 1AH19AS006) student of BE - Aerospace Engineering, ACS College of Engineering, Bangalore, has undergone "Internship" in Civil Helicopter Department, HAL-Helicopter Division from 08.09.2022 to 07.10.2022.

- Her Punctuality, Conduct, Behaviour and Progress during the period of "Internship" was Satisfactory.
- We wish Ms. Bharathi Bai G S all the very best in all her future endeavors.

For HAL-Helicopter Division

0×10/22 (G. H. Raju) Chief Manager (Public Relations)

> अ अध्य कार्या की कि पाज / S.H.RAJU ಮುಖ್ಯ ದೃವಭ್ಯಾತರು (ಜನೆ ಸಂದರ್ಭ) मुख्य प्रयंपण (यन संपर्क) Chief Manager (Public Relations) dong out, as a.a. Contad-17 लेखिकांच्यामान, एक.प्.एल, बेंगानून-17 h. coptes Division, HAL, Property and

पंजीकृत कार्यलय : 15/1, कब्बन रोड, बॅगलूर - 560001, भारत Registered Office: 15/1, Cubbon Road, Bangalore-560 001, India CIN: U35301KA1963GOI001622 E(#): hr.hcop@hal-india.com

www.hal-india.com









### #207, Kambipura, Mysore Road, Bangalore - 560 074. Affiliated to VTU, Belgaum. Approved by AICTE, New Delhi & Govt. of Karnataka

## DEPARTMENT OF AEROSPACE ENGINEERING

### **INTERNSHIP DETAILS 2019-2023**

ಇಂಜಿನ್ ವಿಭಾಗ/इंजन प्रभाग/ENGINE DIVISION ಬೆಂಗಳೂರು ಸಂಕೀರ್ಣ/बेंगलूरु काम्प्लेक्स BANGALORE COMPLEX ಹಿಂದೂಸ್ಥಾನ್ ಏರೋನಾಟೆಕ್ಸ್ ಲಿಮಿಟೆಡ್ हिन्दुस्तान एरोनाटिक्स लिमिटेड HINDUSTAN AERONAUTICS LIMITED



ಅಂಚೆ ಪೆಟ್ಟಿಗೆ ಸಂಖ್ಯೆ 9310, ಬೆಂಗಳೂರು-560 093, ಭಾರತ पोस्ट बैग संख्या 9310, बेंगलूरु - 560 093, भारत Post Bag No. 9310, Bengaluru - 560 093, India

Ph: +91-80-Fax: +91-80-

E/HR/ Internship /2022

28-09-2022

#### CERTIFICATE

This is to certify that Shri. Bryan John DCosta, B.E(Aerospace Engineering) Student of ACS College of Engineering, Bangalore has successfully completed his Internship in Assembly & Overhaul Shop, Engine Division, Hindustan Aeronautics Limited (Bangalore Complex), Bengaluru-560093, during the period from 29.08.2022 to 28.09.2022 on No-Pay No-Fee Basis.

(This Certificate is issued for academic purpose only)

(Dr. PRIYANKA PRALHAD GOTIPAMUL) MANAGER (HR) - PM, TM & ERM

ನೋಂದಾಯಿತ ಕಛೇರಿ : ೧೫/೧, ಕಬ್ಬನ್ ರಸ್ತೆ, ಬೆಂಗಳೂರು - ೫೬೦ ೦೦೧, ಭಾರತ

पंजीकृत कार्यालय : 15/1, कब्बन रोड, बेंगलूरु - 560 001, भारत Registered Office: 15/1, Cubbon Road, Bengaluru - 560 001, India

CIN: U35301KA1963GO1001622

www.hal-india.com



'A' GRADE







### #207, Kambipura, Mysore Road, Bangalore - 560 074. Affiliated to VTU, Belgaum. Approved by AICTE, New Delhi & Govt. of Karnataka

## DEPARTMENT OF AEROSPACE ENGINEERING

### **INTERNSHIP DETAILS 2019-2023**

ಎರೋಪ್ರೇಸ್ ವಿಭಾಗ/(सोस्पेस प्रभाग AEROSPACE DIVISION ಹಿಂದೂಸ್ತಾನ್ ವಿಮಾನ ಕಾರ್ಖಾನೆ हिन्दुस्तान (योनॉटिक्स सिपिटेड HINDUSTAN AERONAUTICS LIMITED



"हिंदी बढेगी तभी, जब चाहेंगे सभी"

ಆಂಚೆ ಪೆಟ್ಟಿಗೆ ಸಂಖ್ಯೆ ೭೫೦೨, ಹೊಸ ಕಿಪ್ಪಸಂದ್ರ ಅಂಚೆ, ಬೆಂಗಳೂರು - ೫೬೦ ೦೭೫, ಭಾರತ पोस्ट बैग सं. 7502, न्यू तिप्यसंद्रा पोस्ट, बॅगलूस-560 075, भारत Post Bag No. 7502, New Thippasandra Post, Bengaluru - 560 075, India

HAL/ASD/HR/Internship/320 /2022

03rdOctober 2022

www.hal-india.com

CERTIFICATE

This is to certify that Mr Chandan Ganesh R bearing USN:1AH19AS010, BE-Aerospace Engg student of ACS College of Engineering, Bangalore-560074 has undergone "Internship" in Aerospace Division, Hindustan Aeronautics Limited, Bangalore Complex from 06th September 2022 to 03rd October 2022.

The character and conduct of Mr Chandan Ganesh R during the "Internship" was good. We wish him all success.

Senior Manager (HR)

ನೋಂದಾಯತ ಕಛೇರಿ : ೧೫/೧, ಕಬ್ಬರ್ ರಸ್ತೆ, ಬೆಂಗಳೂರು - ೫೬೦ ೦೦೧, ಭಾರತ

पंजीकृत कार्यालय : 15/1, कब्बन रोड, बेंगलूरू - 560 001, भारत Registered Office : 15/1, Cubbon Road, Bengaluru - 560 001, India

CIN: L35301KA1963GOI001622



NAAC

NATIONAL ASSESSMENT AND
ACCRESINATION COUNCIL

'A' GRADE







#207, Kambipura, Mysore Road, Bangalore – 560 074. Affiliated to VTU, Belgaum. Approved by AICTE, New Delhi & Govt. of Karnataka

### DEPARTMENT OF AEROSPACE ENGINEERING

### **INTERNSHIP DETAILS 2019-2023**



## **ACS** College of Engineering

'A' GRADE





#207, Kambipura, Mysore Road, Bangalore – 560 074. Affiliated to VTU, Belgaum. Approved by AICTE, New Delhi & Govt. of Karnataka

### DEPARTMENT OF AEROSPACE ENGINEERING

08-05-2023

To

NAME:

D S RIYA

USN:

1AH19AS011

BATCH:

2019-2023

Dear D S RIYA.

)

This letter serves as confirmation of your successful completion of your internship at **IRNSS DATA CENTER**, **ACSCE**, **Bangalore**. During your time with us, you demonstrated a high level of commitment, enthusiasm, and diligence in your work, and you made a valuable contribution to our team.

Your internship lasted from September'22 to April'23, during which time you worked 5 hours per week. You were responsible for AI/ML model construction for Ionospheric TEC prediction, and you consistently met or exceeded our expectations in carrying out these tasks.

We are confident that you have gained valuable experience and skills during your time with us, and we wish you all the best as you continue your academic and professional pursuits. Please know that we are proud to have played a role in your education and development.

7

We hereby certify that **D S RIYA (1AH19AS011)** has successfully completed their internship with **IRNSS DATA CENTER, ACSCE, Bangalore**, and we recommend them for any future endeavours they may undertake.

Sincerely,

Dr. R. Mukesh

Professor & HEAD

Department of Aerospace engineering,

Department of Aerospice Engineering
ACS College of Engineering
207 Kambipura Mysore Road
Bangalore-560074



'A' GRADE







#207, Kambipura, Mysore Road, Bangalore - 560 074. Affiliated to VTU, Belgaum. Approved by AICTE, New Delhi & Govt. of Karnataka

## **DEPARTMENT OF AEROSPACE ENGINEERING**

### **INTERNSHIP DETAILS 2019-2023**

#### **INTERNSHIP CERTIFICATE**

ಎರೋಪ್ರೇಪ್ ವಿಭಾಗ/एगेरपेत प्रधाप AEROSPACE DIVISION ಹಿಂದೂಸ್ಥಾನ್ ವಿಮಾನ ಕಾರ್ಖಾನೆ हिन्दुस्तान एरोनॉटिक्स सिपिटेड HINDUSTAN AERONAUTICS LIMITED



"हिंदी बढ़ेगी तभी, जब चाहेंगे सभी"

ಅಂಚ ಪೆಟ್ಟಿಗೆ ಸಂಖ್ಯೆ ೭೫೦೨, ಹೊಸ ಕಿಸನಂದ ಅಂಚೆ. Bondado - NEO OEN, sadd पोरट वैग सं. 7502, न्यू शिष्यसंद्रा पोस्ट. वैगलूक-560 075, भारत Post Bag No. 7502, New Thippasandra Post, Bengaluru - 560 075, India

HAL/ASD/HR/Internship/500 /2023

11th March 2023

www.hal-india.com

CERTIFICATE

This is to certify that Mr Harish RB bearing USN: 1AH19AS012, B.E Aerospace Engineering student of ACS College of Engineering, Bangalore-74 has undergone "Internship" in Aerospace Division, Hindustan Aeronautics Limited, Bangalore Complex from 13th February 2023 to 11th March 2023.

The character and conduct of Mr Harish RB during the "Internship" was good. We wish him all success.

Sr. Manager (HR)

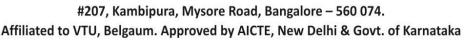
ಗೋಂದಾಯಿತ ಕಛೇರಿ : ೧೫/೧, ಕಬ್ಬರ್ ರಸ್ತೆ, ಬೆಂಗಳೂರು - ೫೬೦ ೦೦೧, ಭಾರತ पंजीकृत कार्यालय : 15/1, कय्यन रोड, बेंगलुरु - 560 001, भारत Registered Office: 15/1, Cubbon Road, Bengaluru - 560 001, India CIN: L35301KA1963GOI001622



NAAC
INTRODUCTION OF THE PROPERTY OF THE PROPE







## **DEPARTMENT OF AEROSPACE ENGINEERING**

### **INTERNSHIP DETAILS 2019-2023**

#### INTERNSHIP CERTIFICATE



Ref: CEPL/INTERN/0045/2023-24 Date: 14-Apr-2023

#### INTERNSHIP COMPLETION CERTIFICATE

This is to certify that Mr. HISSAN TASADUQ, student bearing USN: 1AH19AS013 at ACS College of Engineering, department of Aerospace Engineering-Bangalore, has successfully completed his internship on the title "AUTOMOTIVE PRODUCT DESIGN AND MANUFACTURING" in association with CADMAXX SOLUTIONS PVT LTD from 06-Feb-2023 to 04-Mar-2023.

He took keen interest in work assigned to him. His conduct and behavior were found good.

We wish him all success in his future endeavors.

Thanking you,

Regards,

For CADMAXX EDTECH PVT LTD.

DODDA BASAPPA V

Director



NAAC ACTURE ASSESSMENT AND CONCENTRATION OF CONCENTRATION



www.hal-india.co.in





### #207, Kambipura, Mysore Road, Bangalore – 560 074. Affiliated to VTU, Belgaum. Approved by AICTE, New Delhi & Govt. of Karnataka

## **DEPARTMENT OF AEROSPACE ENGINEERING**

### **INTERNSHIP DETAILS 2019-2023**

ఇంజిన్ విభాగ / इंजन प्रभाग / ENGINE DIVISION బింగಳೂರు ಸಂಕೀರ್ಣ/बेंगलूर कॉम्प्लेक्स/BANGALORE COMPLEX ಹಿಂದೂಸ್ಥಾನ್ ಏರೋನಾಟಿಕ್ಸ್ లిమిటీడో हिन्दुस्तान एरोनॉटिक्स लिमिटेड HINDUSTAN AERONAUTICS LIMITED



ಆಂಚೆ ਡੀਮੂਨ ಸಂಖ್ಯೆ 9310, ಬೆಂಗಳೂರು–560093 ಫਾਰਤ ਧੀਸ਼ਟ ਕੈਂग स 9310, ਕੇਂगलूर - 560093, ਸਾਰਜ Post Bag No.9310, Bengaluru - 560093, India Ph.: 91-80 -Fax: 91-80 -

E/HR/Internship/2022

01-10-2022

#### CERTIFICATE

This is to certify that Ms. Karthika K, BE (Aerospace Engineering) Student of ACS College of Engineering, Bangalore has successfully completed her Internship in Assembly & Overhaul, Engine Division, Hindustan Aeronautics Limited (Bangalore Complex), Bengaluru - 560 093, during the period from 02-09-2022 to 01-10-2022 on No-Pay No-Fee Basis.

(This Certificate is issued for academic purpose only)

(PRERANA ROY)
MANAGER-HR (ERM)



ನೋಂದಾಯಿತ ಕಚೇರಿ : ೧೫/೧, ಕಬ್ಬನ್ ರಸ್ತೆ, ಬೆಂಗಳೂರು–೫೬೦೦೦೧, ಭಾರತ पंजीकृत कार्यालय : 15/1, कब्बन रोड, बेंगलूरु - 560 001, भारत Registered Office : 15/1, Cubbon Road, Bengaluru - 560 001, India ಸಿ ಐ ಎನ್/ सी आई एन/CIN:L35301KA1963GO1001622



#207, Kambipura, Mysore Road, Bangalore – 560 074.
Affiliated to VTU, Belgaum. Approved by AICTE, New Delhi & Govt. of Karnataka

NAAC
INTONA, ASSOBRITANO ACCIONAL
'A' GRADE







## **DEPARTMENT OF AEROSPACE ENGINEERING**

### **INTERNSHIP DETAILS 2019-2023**

ಇಂಜಿನ್ ವಿಭಾಗ/इंजन प्रभाग/ENGINE DIVISION ಬೆಂಗಳೂರು ಸಂಕೀರ್ಣ/बेंगलूरु काम्प्लेक्स BANGALORE COMPLEX ಹಿಂದೂಸ್ಥಾನ್ ಏರೋನಾಟಿಕ್ಸ್ ಲಿಮಿಟಿಡ್ हिन्दुस्तान एरोनाटिक्स लिमिटेड HINDUSTAN AERONAUTICS LIMITED



ಆಂಟೆ ಪೆಟ್ಟೆಗೆ ಸಂಖ್ಯೆ 9310, ಬೆಂಗಳೂರು-560 093, ಭಾರತ पोस्ट बैग संख्या 9310, बेंगलूरु – 560 093, भारत Post Bag No. 9310, Bengaluru - 560 093, India

Ph: +91-80-Fax: +91-80-

E/HR/ Internship /2022

28-09-2022

#### CERTIFICATE

This is to certify that Shri. K S Supratej, B.E(Aerospace Engineering)

Student of ACS College of Engineering, Bangalore has successfully

completed his Internship in Assembly & Overhaul Shop, Engine Division,

Hindustan Aeronautics Limited (Bangalore Complex), Bengaluru- 560093,

during the period from 29.08.2022 to 28.09.2022 on No-Pay No-Fee Basis.

(This Certificate is issued for academic purpose only)

(Dr. PRIYANKA PRALHAD GOTIPAMUL) MANAGER (HR) – PM, TM & ERM

ನೋಂದಾಯಿತ ಕಛೇರಿ : ೧೫/೧, ಕಬ್ಬನ್ ರಸ್ತೆ, ಬೆಂಗಳೂರು - ೫೬೦ ೦೦೧, ಭಾರತ

पंजीकृत कार्यालय : 15/1, कब्बन रोड, बेंगलूरु – 560 001, भारत Registered Office : 15/1, Cubbon Road, Bengaluru - 560 001, India

CIN: U35301KA1963GO1001622

www.hal-india.com



#207, Kambipura, Mysore Road, Bangalore - 560 074.







## Affiliated to VTU, Belgaum. Approved by AICTE, New Delhi & Govt. of Karnataka

### **INTERNSHIP DETAILS 2019-2023**

DEPARTMENT OF AEROSPACE ENGINEERING

ಇಂಜಿನ್ ವಿಭಾಗ / इंजन प्रभाग / ENGINE DIVISION ಬೆಂಗಳೂರು ಸಂಕೀರ್ಣ /बेंगलूर कॉम्प्लेक्स / BANGALORE COMPLEX ಹಿಂದೂಸ್ಥಾನ್ ಏರೋನಾಟಿಕ್ಸ್ ಲಿಮಿಟೆಡ್ हिन्दस्तान एरोनॉटिक्स लिमिटेड

HINDUSTAN AERONAUTICS LIMITED



ಆಂಚೆ ಪೆಟ್ಟಗೆ ಸಂಖ್ಯೆ 9310, ಬೆಂಗಳೂರು-560093 ಭಾರತ पोस्ट बैग सं 9310, बॅगलूक - 560093, भारत Post Bag No.9310, Bengaluru-560093, India

Ph.: 91-80 Fax: 91-80

E/HR/Internship/2022

01-10-2022

www.hal-india.co.in

#### CERTIFICATE

This is to certify that Mr. Lawrance Samson, BE (Aerospace Engineering) Student of ACS College of Engineering, Bangalore has successfully completed his Internship in Assembly & Overhaul, Engine Division, Hindustan Aeronautics Limited (Bangalore Complex), Bengaluru - 560 093, during the period from 02-09-2022 to 01-10-2022 on No-Pay No-Fee Basis.

(This Certificate is issued for academic purpose only)

(PRERANA ROY MANAGER-HR (ERM)



ನೋಂದಾಯಿತ ಕಚೇರಿ : ೧೫/೧, ಕಬ್ಬನ್ ರಸ್ತೆ, ಬೆಂಗಳೂರು-೫೬೦೦೦೧, ಭಾರತ पंजीकृत कार्यालय: 15/1, कब्बन रोड़, बेंगलूरु - 560 001, भारत Registered Office: 15 /1, Cubbon Road, Bengaluru - 560 001, India

ಸಿ ಐ ಎನ್ / सी आई एन / CIN: L35301KA1963GOI001622



#207, Kambipura, Mysore Road, Bangalore - 560 074. Affiliated to VTU, Belgaum. Approved by AICTE, New Delhi & Govt. of Karnataka









### DEPARTMENT OF AEROSPACE ENGINEERING

### **INTERNSHIP DETAILS 2019-2023**

SOUTH DESIGNATION WITH LENGTHE DIVISION Bortelacts stoderse | Briga minister BANGALORE COMPLEX Locionar adormals, on sie किन्द्रस्ताम एरोगादिक्स लिमिटेड HINDUSTAN AERONAUTICS LIMITED



ಅಂಚ ಪಟ್ಟಿಗೆ ಸಂಖ್ಯೆ ಅತ್ಯಂ, ಚಂಗಳೂರು-560 ೦೮೦, ಭಾರತ फोरट मेंग संक्रम 9310, मेंगामूल - 560 093, आरड Post Bag No. 9310, Bengaluru - 560 993, India Ph : +91-66-Fax: +91-60-

E/HR/ Internship /2022

28-09-2022

### CERTIFICATE

This is to certify that Shri. Likith L, B.E(Aerospace Engineering) Student of ACS College of Engineering, Bangalore has successfully completed his Internship in Assembly & Overhaul Shop, Engine Division, Hindustan Aeronautics Limited (Bangalore Complex), Bengaluru- 560093, during the period from 29,08.2022 to 28.09.2022 on No-Pay No-Fee Basis.

(This Certificate is issued for academic purpose only)

(Dr. PRIYANKA FRALHAD GOTIPAMUL) MANAGER (HR) - PM, TM & ERM

ಕೋಂದಾಯತ ಕಥೇರಿ : ೧೫/೧, ಕಬ್ಬರ್ ರಸ್ತೆ, ಬೆಂಗಳೂರು - ೫೬೦ ೦೦೧, ಭಾರತ

पंजीकृत कार्यालय : 15/1, कब्बन रोड, बॅगलूरु – 560 001, भारत Registered Office : 15/1, Cubbon Road, Bengaluru - 560 001, India

CIN: U35301KA1963GO1001622

www.hal-india.com









### #207, Kambipura, Mysore Road, Bangalore - 560 074. Affiliated to VTU, Belgaum. Approved by AICTE, New Delhi & Govt. of Karnataka

## DEPARTMENT OF AEROSPACE ENGINEERING

### **INTERNSHIP DETAILS 2019-2023**

ಇಂಜಿನ್ ವಿಭಾಗ / इंजन प्रभाग / ENGINE DIVISION भौतापाकक प्रवक्तान विमालूर कॉम्प्लेक्स / BANGALORE COMPLEX ಹಿಂದೂಸ್ಥಾನ್ ಏರೋನಾಟಕ್ಕ್ ಲಿಮಿಟೆಡ್ हिन्द्स्तान एरोनॉटिक्स लिमिटेड

HINDUSTAN AERONAUTICS LIMITED



ಆಂಚೆ ಪೆಟ್ಗೆಗೆ ಸಂಖ್ಯೆ 9310, ಬೆಂಗಳೂರು-560093 ಧಾರತ पोस्ट बैंग स 9310, बेंगलूत - 560093, भारत Post Bag No 9310, Bengaluru - 560 093, India Fax: 91 - 80

E/HR/Internship/2022

30-09-2022

#### CERTIFICATE

This is to certify that Ms. Monika KM, BE (Aerospace Engineering) Student of ACS College of Engineering, Bangalore has successfully completed her Internship in Blade Shop, Engine Division, Hindustan Aeronautics Limited (Bangalore Complex), Bengaluru - 560 093, during the period from 01-09-2022 to 30-09-2022 on No-Pay No-Fee Basis

(This Certificate is issued for academic purpose only)

(SUJATA BELGAMKAR) CHIEF MANAGER-HR



ನೋಂದಾಯಿತ ಕಚೇರಿ: ೧೫/೧, ಕಬ್ಬನ್ ರಸ್ತೆ, ಬೆಂಗಳೂರು-೫೬೦೦೦೧, ಭಾರತ पंजीकृत कार्यालय: 15/1, कब्बन रोड, बेंगलूरु - 560 001, भारत Registered Office: 15 /1, Cubbon Road, Bengaluru - 560 001, India ೩ ಐ ಎನ್ / सी आई एन / CIN: L35301KA1963GOI001622









#207, Kambipura, Mysore Road, Bangalore – 560 074. Affiliated to VTU, Belgaum. Approved by AICTE, New Delhi & Govt. of Karnataka

## **DEPARTMENT OF AEROSPACE ENGINEERING**

### **INTERNSHIP DETAILS 2019-2023**

#### INTERNSHIP CERTIFICATE

मानव संभागन विभाग हेमिकीरा प्रथम (हैसा) हिम्मुमान एतंपारियत निर्मिट्ट संभा हैन सम्बद्ध (१९८ हैंगहून - १८०५), बास



HA DEPARTMENT
HELICOPTER DIVISION (HC)
HINDUSTAN AERONAUTICS LEMITED
Foot See No. 1793, Sangatore-160 C17, India
Ph. (Team) : 10. 30. 2015 Tell. List (Ha

Ph. (Team) : 10. 30. 2015 Tell. List (Ha

Ph. (Team) : 10. 30. 2015 Tell. List (Ha

Ph. (Team) : 10. 30. 2015 Tell. List (Ha

Ph. (Team) : 10. 30. 2015 Tell. List (Ha

Ph. (Team) : 10. 30. 2015 Tell. List (Ha

Ph. (Team) : 10. 30. 2015 Tell. List (Ha

Ph. (Team) : 10. 30. 2015 Tell. List (Ha

Ph. (Team) : 10. 30. 2015 Tell. List (Ha

Ph. (Team) : 10. 30. 2015 Tell. List (Ha

Ph. (Team) : 10. 30. 2015 Tell. List (Ha

Ph. (Team) : 10. 30. 2015 Tell. List (Ha

Ph. (Team) : 10. 30. 2015 Tell. List (Ha

Ph. (Team) : 10. 30. 2015 Tell. List (Ha

Ph. (Team) : 10. 30. 2015 Tell. List (Ha

Ph. (Team) : 10. 30. 2015 Tell. List (Ha

Ph. (Team) : 10. 30. 2015 Tell. List (Ha

Ph. (Team) : 10. 30. 2015 Tell. List (Ha

Ph. (Team) : 10. 30. 2015 Tell. List (Ha

Ph. (Team) : 10. 30. 2015 Tell. List (Ha

Ph. (Team) : 10. 30. 2015 Tell. List (Ha

Ph. (Team) : 10. 30. 2015 Tell. List (Ha

Ph. (Team) : 10. 30. 2015 Tell. List (Ha

Ph. (Team) : 10. 30. 2015 Tell. List (Ha

Ph. (Team) : 10. 30. 2015 Tell. List (Ha

Ph. (Team) : 10. 30. 2015 Tell. List (Ha

Ph. (Tell. List (Ha

P

Ref: 31/X/31R/CM (PR)/2022

October 07, 2022

#### CERTIFICATE

This is to certify that Ms. Monisha S (USN No: 1AN19AS020) student of GE - Aerospace Engineering, ACS College of Engineering, Bangalore, has undergone "Internship" in Civil Melicopter Department, MAL-Melicopter Division from 09.09.2022 to 07.10.2022.

- Her Punctuality, Conduct, Cehaviour and Progress during the period of "Internship" was Satisfactory.
- 3. We wish Ms. Monisha S all the very best in all her future endeavors.

For MAL-Melicopter Division

Chief Manager (Public Relations) 10 2023

Contract to the second

रंगोपुर कार्याका : 15/1, स्थापन रोड. रीच्या - scoot, स्थाप Registered Office: 15/1, Cubbon Road, Rangalore 540 001, inclu COR 893501441643G0001622 (वर्ष) in langelital inclusions



'A' GRADE





www.hal-india.co.in



#207, Kambipura, Mysore Road, Bangalore - 560 074. Affiliated to VTU, Belgaum. Approved by AICTE, New Delhi & Govt. of Karnataka

## DEPARTMENT OF AEROSPACE ENGINEERING

### **INTERNSHIP DETAILS 2019-2023**

### INTERNSHIP CERTIFICATE

र्वजन्मक प्रकार प्रविद्याचार क्षेत्रकृत क्षेत्रकृत क्षेत्रकृत क्षेत्रकृत क्षेत्रकृत क्षेत्रकृत क्षेत्रकृत क्षेत्रकृत द्राव्यू वं तंत्रकेत्वर अधिकाप काम्प्रोक्स Commerce adaptation of the formation हिन्द्रस्तान एरानाटिक्स लिपिटेड Tonkaro-Ni,000cc, escu / Avgs-nje / Watt / Fax : 91 - 80 - 2231 1747 560 017, WITH



ROTARY WING RESEARCH & DESIGN CENTRE DESIGN COMPLEX HINDUSTAN AERONAUTICS LIMITED Bennsters - 1600017 miles SLAGUSKÉ ( GERM ( PL. ) 91 - 80 - 2232 3149 91 - 80 - 2231 1284

HAL/DC/RWRDC/HR/INTRNSHP/ 1,296 /2022

12" October 2022

#### CERTIFICATE

This is to certify that Ms. Mounika V N(1AH19A5021), student of B.E(Aerospace Engineering), ACS College of Engineering, Bangalore has undergone Internship on No-pay-No-fee basis from 10.09.2022 to 11.10.2022 at Ground Test Centre, Rotary Wing Research & Design Centre, Hindustan Aeronautics Limited, Bengalore.

Her Conduct, Behaviour, Punctuality and Progress in Training was "Very Good" as rated by the Department Head during her training period with us.

SENIOR MANAGER (HR)

Ms. Mounika V N (1AH19AS021) B.E (Aerospace Engineering) ACS College of Engineering Bangalore



ನೋಂದಾಯತ ಕಚೇರಿ : ೧೫/೧, ಕಬ್ಬಡ್ ರಸ್ತೆ, ವೆಂಗಳೂರು-೫೬೦೦೦೧, ಧಾರತ पंजीकृत कार्यालय : 15/1, कब्बन रोड, बंगलुरु - 560 001, भारत









#207, Kambipura, Mysore Road, Bangalore – 560 074. Affiliated to VTU, Belgaum. Approved by AICTE, New Delhi & Govt. of Karnataka

## **DEPARTMENT OF AEROSPACE ENGINEERING**

### **INTERNSHIP DETAILS 2019-2023**

ಇಂಜಿನ್ ವಿಭಾಗ/इंजन प्रभाग/ENGINE DIVISION ಬೆಂಗಳೂರು ಸಂಕೀರ್ಣ/बेंगलूरु काम्प्लेक्स BANGALORE COMPLEX ಹಿಂದೂಸ್ಥಾನ್ ಏರೋನಾಟೆಕ್ಸ್ ಲಿಮಿಟೆಡ್ हिन्दुस्तान एरोनाटिक्स लिमिटेड HINDUSTAN AERONAUTICS LIMITED



ಆಂಟೆ ಪೆಟ್ಟಿಗೆ ಸಂಖ್ಯೆ 9310, ಬೆಂಗಳೂರು-560 093, ಭಾರತ पोरट बैंग संख्या 9310, बेंगलूरु - 560 093, भारत Post Bag No. 9310, Bengaluru - 560 093, India

Ph: +91-80-Fax: +91-80-

E/HR/ Internship /2022

28-09-2022

#### CERTIFICATE

This is to certify that Shri.Nanda Kumar.R, B.E(Aerospace Engineering) Student of ACS College of Engineering, Bangalore has successfully completed his Internship in Assembly & Overhaul Shop, Engine Division, Hindustan Aeronautics Limited (Bangalore Complex), Bengaluru - 560093, during the period from 29.08.2022 to 28.09.2022 on No-Pay No-Fee Basis.

(This Certificate is issued for academic purpose only)

(Dr. PRIYANKA PRALHAD GOTIPAMUL) MANAGER (HR) – PM, TM & ERM

ನೋಂದಾಯಿತ ಕಛೇರಿ: ೧೫/೧, ಕಬ್ಬನ್ ರಸ್ತೆ, ಬೆಂಗಳೂರು - ೫೬೦ ೦೦೧, ಭಾರತ

पंजीकृत कार्यालय : 15/1, कब्बन रोड, बेंगलूरु – 560 001, भारत

Registered Office: 15/1, Cubbon Road, Bengaluru - 560 001, India

CIN: U35301KA1963GO1001622

www.hal-india.com



NAAC
NATIONAL ASSISSMENT AND
ACCRECITATION COUNCIL

'A' GRADE







#207, Kambipura, Mysore Road, Bangalore – 560 074. Affiliated to VTU, Belgaum. Approved by AICTE, New Delhi & Govt. of Karnataka

## **DEPARTMENT OF AEROSPACE ENGINEERING**

### **INTERNSHIP DETAILS 2019-2023**

active active / एवरकापर प्रभाग / Aircraft Division donwas sistem / केन्यु क्रीन्सेन / Aircraft Division केट्यानमूहा व्यक्तिकार क्रिन्ट्रिंग हिन्दुस्तान एमेनोटिक्स क्रिन्ट्रेंग HINDUSTAN ARONAUTICS LIMITED



ecil duft scat, n.c.or., dosvaro-secono., usda drive ferri 1789, firspr. 560 017, vere Post 8ag No.1788, Bengaluru 560 017, India Ph.; 91 80 - 2231 1741 Fax: 91 80 2231 5188

No.A/HR/509/ 434/2022

November 07, 2022

#### CERTIFICATE

This is to certify that Mr. P S Yatish Govind, USN 1AH19AS026a bonafide BE(Aerospace) student of ACS College of Engineering has successfully completed his Internship at Aircraft Division, HAL, Bangalore from 01.10.2022 to 31.10.2022.

2. We wish him All the Best, Good Luck and Success in his future endeavors.

(B Arocka Jothi)
Chief Manager (HR)

Mr.P S Yatish Govind,

BE(Aerospace),

ACS College of Engineering,

Bangalore.

ನೋಂದಾಯಿತ ಕಚೇರಿ : ೧೫/೧, ಕಬ್ಬರ್ ರಸ್ತೆ, ಬೆಂಗಳೂರು-೨೬,೦೦೦೧, ಭಾರತ पंजीकृत कार्यालय : 15/1, रुम्मन चेंड, संग्लूर - 560 001, भारत Registered Office : 15/1, Cubbon Road, Bengaluru - 560 001, India ೨, ಜ ಎನ್/ सी आई एन / CIN:135301KA1963G01001622 ಜ/ಕ/ E-hr, ac@hal-india.co.in



'A' GRADE







#207, Kambipura, Mysore Road, Bangalore - 560 074. Affiliated to VTU, Belgaum. Approved by AICTE, New Delhi & Govt. of Karnataka

## DEPARTMENT OF AEROSPACE ENGINEERING

#### **INTERNSHIP DETAILS 2019-2023**

ವಿಮಾನ ವಿಭಾಗ / एवरब्राक्ट प्रभाग / AIRCRAFT DIVISION Condact souther / केन्सूर क्रोम्प्लेक्स / BANGALORE COMPLEX ಹಿಂದೂಸ್ಥಾನ್ ಏರೋನಾಟಕ್ಸ್ ಲಿಮಿಟೆಡ್ हिन्दुस्तान एरोनॉटिक्स तिमिटेड HINDUSTAN AERONAUTICS LIMITED



wed that took also, dervad theseel was पोस्ट देव सं 1788, दैवालून - 560017, भारत Post Bag No 1788, Bengaluru 560017, India Ph.: 91-80-22311741 Fax: 91 80 22415188

No.A/HR/509/ 431 /2022

November 07, 2022

#### CERTIFICATE

This is to certify that Mr. Nischal K T, USN 1AH19AS024a bonafide BE(Aerospace) student of ACS College of Engineering has successfully completed his Internship at Aircraft Division, HAL, Bangalore from 06.10.2022 to 31.10.2022.

We wish him All the Best, Good Luck and Success in his future endeavors.

(B Arockia Jothi) Chief Manager (HR)

what get many own

Mr.Nischal K T,

BE(Aerospace),

ACS College of Engineering,

Bangalore.

ನೋಂಡಾಯಿತ ಕಚೇರಿ : ೧೫/೧, ಕಬ್ಬನ್ ರಸ್ತೆ, ಬೆಂಗಳೂರು-೫೬೦೦೦೧, ಭಾರತ पंजीकृत कार्यालय: 15/1, कब्बन रोड, बेंगलूरु - 560 001, भारत Registered Office: 15 /1, Cubbon Road, Bengaluru - 560 001, India

🏃 😄 스러 / सी आई एन / CIN:L35301KA1963GO1001622 😁 / \$ / E : hr ac@hal-india.co.in

www.hal-india.co.in



'A' GRADE







#207, Kambipura, Mysore Road, Bangalore - 560 074. Affiliated to VTU, Belgaum. Approved by AICTE, New Delhi & Govt. of Karnataka

## DEPARTMENT OF AEROSPACE ENGINEERING

### **INTERNSHIP DETAILS 2019-2023**

DETRIK DURIN / QURBERT STIFT / AMCRAFT DIVISION CONTROL SOFTER / PROPER OFFICER / BANGALOSE COMPLEX Locarmer adermate conder हिन्दुस्तान एरोनॉटिक्स तिमिटेड HINDUSTAN AERONAUTICS LIMITED



west stiff south needs, dosease - MECONE, takes पोश्ट बैध सं. 1788, बैधनूतः - 560 017, भारत Post Bag No 1788, Bengaluru 560017, India Ph.: 91 80 2231 1741 Fax: 91 - 80 - 2231 5188

No.A/HR/509/ 434/2022

November 07, 2022

### CERTIFICATE

This is to certify that Mr. P S Yatish Govind, USN 1AH19AS026a bonafide BE(Aerospace) student of ACS College of Engineering has successfully completed his Internship at Aircraft Division, HAL, Bangalore from 01.10.2022 to 31.10.2022.

We wish him All the Best, Good Luck and Success in his future endeavors.

Chief Manager (HR)

COLETES (41.46) | HALLES

CHE MANAGE

OL LANGUAGE

Mr.P S Yatish Govind,

BE(Aerospace),

ACS College of Engineering,

Bangalore.

ನೋಂದಾಯಿತ ಕಚೇರಿ : ೧೫/೧, ಕಬ್ಬನ್ ರಸ್ತೆ, ಬೆಂಗಳೂರು-೫೬೦೦೦೧, ಭಾರತ पंजीकृत कार्यालय: 15/1, कब्बन रोड, बॅगलूरु - 560 001, भारत Registered Office: 15/1, Cubbon Road, Bengaluru - 560 001, India

2 に 点だ/ 利 明ई एन / CIN:L35301KA1963GOI001622 四 / ま/ E: hr\_ac@hal-india.co.in

www.hal-india.co.in



NAAC
NOTIONAL ASSOCIATION COUNTED

'A' GRADE







#207, Kambipura, Mysore Road, Bangalore – 560 074. Affiliated to VTU, Belgaum. Approved by AICTE, New Delhi & Govt. of Karnataka

## **DEPARTMENT OF AEROSPACE ENGINEERING**

### **INTERNSHIP DETAILS 2019-2023**

ವರೋಪ್ರೇಸ್ ವಿಭಾಗ/एरेस्पेस प्रधान
AEROSPACE DIVISION
ಹಿಂದೂಸ್ಥಾನ್ ವಿಮಾನ ಕಾರ್ಮಾನೆ
हिन्दुस्तान एरोनॉटिंग्स लिमिटेंड
HINDUSTAN AERONAUTICS LIMITED



"हिंदी बढेगी तभी, जब चाहेंगे सभी"

ਚਰਪੰ ਕੰਪੀ ਨੂੰ ਨਰਡੇ, 230,9, ਛੱਡੜ ਰੋਗ੍ਰੇਸ਼ਰਤੇ ਚਰਪੰ, ਪੀਰਜੇਚਕਰੇਮ - 320 023, ਪ੍ਰਸ਼ਹੀਰੇ ਪੀਵਟ ਕੈਂਸ ਜੰ. 7502, ਜ੍ਰ ਨਿਯਜੰਫ਼ੀ ਪੀਵਟ, ਕੱਸਗ੍ਰਨ-560 075, भारत Post Bag No. 7502, New Thippasandra Post, Bengaluru - 560 075, India

HAL/ASD/HR/Internship/500 /2023

11th March 2023

CERTIFICATE

\*\*\*\*

This is to certify that Ms Poojitha V bearing USN: 1AH19AS027, B.E Aerospace Engineering student of ACS College of Engineering, Bangalore-74 has undergone "Internship" in Aerospace Division, Hindustan Aeronautics Limited, Bangalore Complex from 13<sup>th</sup> February 2023 to 11<sup>th</sup> March 2023.

The character and conduct of Ms Poojitha V during the "Internship" was good. We wish her all success.

(Mohan Naik N) Sr. Manager (HR)

ನೋಂದಾಯಿತ ಕಛೇರಿ : ೧೫/೧, ಕಬ್ಬನ್ ರಸ್ತೆ, ಬೆಂಗಳೂರು - ೫೬೦ ೦೦೧, ಭಾರತ

पंजीकृत कार्यालय : 15/1, कब्बन रोड, बेंगलूरु - 560 001, भारत

Registered Office: 15/1, Cubbon Road, Bengaluru - 560 001, India

CIN: L35301KA1963GOI001622

www.hal-india.com



'A' GRADE







#207, Kambipura, Mysore Road, Bangalore - 560 074. Affiliated to VTU, Belgaum. Approved by AICTE, New Delhi & Govt. of Karnataka

## DEPARTMENT OF AEROSPACE ENGINEERING

## **INTERNSHIP DETAILS 2019-2023** INTERNSHIP CERTIFICATE

ರೋಟರಿ ವಿಂಗ್ ಸಂಶೋಧನೆ ಮತ್ತು ವಿಣ್ಣಾಸ ಕೇಂದ್ರ रोटरी विंग अनुसंधान व अधिकल्प केन्द्र ವನ್ನು≭ xostror/अभिकाल काम्प्लेक्स ಹಿಂದೂಸ್ತಾನ್ ಏರೋನಾಟಕ್ ಲಿಮೀಟೆಡ್ हिन्द्स्तान एरोनोटिक्श तिमिटेड

**过っಗಳೂರು-**対シのこれ。 ಭಾರತ / 幸福費で - 560 017, 1988 क्कृत / फैरस / Fax : 91 - 80 - 2231 1747



ROTARY WING RESEARCH & DESIGN CENTRE DESIGN COMPLEX HINDUSTAN AERONAUTICS LIMITED Bengaluru - 560 017, India ಮೂರವಾಣಿ / दूरभाष / Ph.: 91 - 80 - 2232 3149

91 - 80 - 2231 1284

HAL/DC/RWRDC/HR/INTRNSHP/1225 /2022

6<sup>th</sup> October 2022

#### CERTIFICATE

This is to certify that Mr. Rakesh N (USN No. 1AH19AS029) a student of BE(Aerospace Engineering), ACS College of Engineering, Bengaluru has undergone Internship on No-pay-No-fee basis from 07,09.2022 to 06.10.2022 at Ground Test Centre, Rotary Wing Research & Design Centre, Hindustan Aeronautics Limited, Bengalore.

His Conduct, Behaviour, Punctuality and Progress in Training was "Very Good" as rated by the Department Head during his training period with us.

SENIOR MANAGER (HR

Mr. Rakesh N (USN No. 1AH19AS029 BE(Aerospace Engineering) ACS College of Engineering Bengaluru.



ನೋಂದಾಯಿತ ಕಚೇರಿ : ೧೫/೧, ಕಬ್ಬನ್ ರಸ್ತೆ, ಬೆಂಗಳೂರು-೫೬೦೦೦೧, ಭಾರತ पंजीकृत कार्यालय: 15/1, कब्बन रोड, बॅगलूरु - 560 001, भारत Registered Office: 15 /1, Cubbon Road, Bengaluru - 560 001, India

सी आई एस । ट्राम-। २८२०१ KA 1963GOI001622 m / ई/ F · hrrwrdc@hal-india.co.in



'A' GRADE







### #207, Kambipura, Mysore Road, Bangalore - 560 074. Affiliated to VTU, Belgaum. Approved by AICTE, New Delhi & Govt. of Karnataka

### DEPARTMENT OF AEROSPACE ENGINEERING

#### **INTERNSHIP DETAILS 2019-2023**

ಎಲ್ ಸಿಎ ತೇಜರ್ ವಿಭಾಗ एल सी ए तेजस प्रभाग L CATEJAS DIVISION stonicato storror/drag of-fire/sameacons complex ಹಿಂದೂಸ್ಥಾನ್ ಏರೋನಾಟಕ್ಸ್ ಲಿಮಿಟೆಡ್ हिन्दुस्तान एशेनॉटिक्स लिमिटेड HINDUSTAN AERONAUTICS LIMITED



ಕಂಡ ಜಿಲ್ಲಗೆ ಕಂಡ್ಕೆ ೩೬೯೧, ದೆಂಗಳೂರು-೧೬೦ ೦೩೭, ಭಾರಕ ಕೊಂಡಿ n 3791, ಕೊಲ್ಲಕ - 560037, ಇಗ Post Bag No. 3791. Bengaluru - 560037, India **п.вошыб/дуни/Рь.:** 91-80-22323809 22323611,22323812 22323595,22323632,22323996

page / Финт / Fax: 91 - 80 - 2232 3808

Date: 28.09.2022

No. LCA/HR/TM/46/2245/2022

## **CERTIFICATE**

#### TO WHOM SO EVER IT MAY CONCERN

This is to certify that Mr. Rohith H K, 7th Semester, B.E (Aerospace Engineering), ACS College of Engineering, Bangalore, has undertaken an Internship in partial fulfillment of his academic requirement at LCA Tejas Division from 29.08.2022 to 28.09.2022.

- His behavior & conduct during the above training period was Very Good.
- We wish him all the best for future endeavors.

(NOEL T RAJAN) MANAGER (HR)



ನೋಂದಾಯತ ಕಭೇರಿ : ೧೮೬/೧, ಕಬ್ಬಡ್ ರಕ್ತೆ, ಬೆಂಗಳೂರು-೫೬,೦೦೦೧, ಭಾರತ पंजीकृत कार्यालय : 15/1, कब्बन रोड, बॅगलूरु - 560 001, भारत Registered Office: 15 /1, Cubbon Road, Bengaluru - 560 001, India ೩ ಐ ಎನ್ / सी आई एन / CIN:L35301KA1963GOI001622

www.hal-india.co.in









#207, Kambipura, Mysore Road, Bangalore - 560 074. Affiliated to VTU, Belgaum. Approved by AICTE, New Delhi & Govt. of Karnataka

## DEPARTMENT OF AEROSPACE ENGINEERING

### **INTERNSHIP DETAILS 2019-2023**

ಇಂಜಿನ್ ವಿಭಾಗ / इंजन प्रभाग / ENGINE DIVISION బింగాళూరు సంశంణ్ / बेंगलूर कॉम्प्लेक्स / BANGALORE COMPLEX ಹಿಂದೂಸ್ಥಾನ್ ಏರೋನಾಟಿಕ್ಸ್ ಲಿಮಿಟಿಡ್ हिन्द्स्तान एरोनॉटिक्स लिमिटेड HINDUSTAN AERONAUTICS LIMITED



ಅಂಚೆ ಪೆಟ್ರಗೆ ಸಂಖ್ಯೆ 9310. ವೆಂಗಳೂರು-560093 ಭಾರತ पोस्ट बैग सं 9310, बॅगलूरा - 560 093, भारत Post Bag No.9310, Bengaluru-560093, India Ph.: 91-80 -

E/HR/Internship/2022

31-10-2022

www.hal-india.co.in

#### CERTIFICATE

This is to certify that Mr. Sagar MS, BE (Aeronautical Engineering) Student of ACS College of Engineering, Bangalore has successfully completed his Internship in Blade Shop, Engine Division, Hindustan Aeronautics Limited (Bangalore Complex), Bengaluru - 560 093, during the period from 01-10-2022 to 31-10-2022 on No-Pay No-Fee Basis.

(This Certificate is issued for academic purpose only)

(Dr. PRIYANKA PRALHAD GOTIPAMUL) MANAGER (HR) - PM & TM



ನೋಂದಾಯಿತ ಕಚೇರಿ : ೧೫/೧, ಕಬ್ಬರ್ ರಸ್ತೆ, ಬೆಂಗಳೂರು-೫೬೦೦೦೧, ಭಾರತ पंजीकृत कार्यालय: 15/1, कब्बन रोइ, बेंगलूरा - 560 001, भारत Registered Office: 15 /1, Cubbon Road, Bengaluru - 560 001, India ಸಿ ಐ ಎನ್/ सी आई एन / CIN: L35301KA1963GOI001622







#207, Kambipura, Mysore Road, Bangalore - 560 074. Affiliated to VTU, Belgaum. Approved by AICTE, New Delhi & Govt. of Karnataka

## DEPARTMENT OF AEROSPACE ENGINEERING

### **INTERNSHIP DETAILS 2019-2023**

मानव संसघन विभाग हेलिकॉप्टर प्रभाग (हैका) हिन्दुस्तान एरोनाटिक्स लिमिटेड पोस्ट बैग संख्या 1790, बेंगलूर - 560017, भारत



HR DEPARTMENT HELICOPTER DIVISION (HC) HINDUSTAN AERONAUTICS LIMITED Post Bag No.1790, Bangalore-560 017, India

Ph. (दरभाष): 91-80-2231 7891, 2232 2918

Fax (फेक्स) : 91-80-22314717

Ref: H/A/HR/CM (PR)/2022

October 07, 2022

### CERTIFICATE

This is to certify that Ms. Sagarika K R (USN No: 1AH19AS032) student of BE - Aerospace Engineering, ACS College of Engineering, Bangalore, has undergone "Internship" in Civil Helicopter Department, HAL-Helicopter Division from 08.09.2022 to 07.10.2022.

- Her Punctuality, Conduct, Behaviour and Progress during the period of "Internship" was Satisfactory.
- We wish Ms. Sagarika K R all the very best in all her future endeavors.

For HAL-Helicopter Division

(G. H. Raju) -

Chief Manager (Public Relations)

ध कार्य कार्या/की एवं राष्ट्रं/G H RALU ಮುಖ್ಯ ಪ್ರವಸ್ಥಾಪಕ್ಕ (ಪ್ರಸತಿತರ್ಚ) पुड्य प्रयोगम (चल संपर्क)

Chief Menbass (Public Relations) ಹಲಿಕಾಪರ್ವವಿಧಾನ್ಯ ವರ್ಷ.ಎ.ನಿಲ್. ಬೆಂಗಳೂದೆ -17 हेलिकॉव्यः प्रधान, एवं.ए.एल, बेनलूठ-17 Halloopter Division, HAL, Bong yor # 17

पंजीकृत कार्यलय : 15/1, कब्बन रोड, बॅगलूर - 560001, भारत Registered Office: 15/1, Cubbon Road, Bangalore-560 001, India CIN: U35301KA1963GOI001622 E(\$): hr.hcop@hal-india.com

www.hal-india.com



'A' GRADE







### #207, Kambipura, Mysore Road, Bangalore - 560 074. Affiliated to VTU, Belgaum. Approved by AICTE, New Delhi & Govt. of Karnataka

## DEPARTMENT OF AEROSPACE ENGINEERING

### **INTERNSHIP DETAILS 2019-2023**

ವಿಮಾನ ವಿಭಾನ / एवरकाष्ट प्रभाग / AIRCRAFT DIVISION DOTIGOTE EDITOR / STORE STORE COMPLEX ಹಿಂದೂಪ್ರನ್ ಎರೋನಾಟಕ್ಸ್ ಲಮಿಟೆಡ್ हिन्द्स्तान एरोनॉटिक्स लिमिटेड HINDUSTAN AERONAUTICS LIMITED



ಅಂಚ ಮೆಟ್ಟಗೆ ಸಂಖ್ಯೆ ೧೭೮೮, ಬೆಂಗಳೂರು-೫೬೦೦೧೭, ಭಾರತ Post Bag No 1788, 8-rage - 560 017, virei Post Bag No 1788, Bengaluru - 560 017, India Ph.: 91-80-2231 1741 Fax: 91-80-2231 5188

No.A/HR/509/ 4-23 /2022

November 07, 2022

#### CERTIFICATE

This is to certify that Mr. Sandeep Sagar M V, USN 1AH19AS033a bonafide BE(Aerospace) student of ACS College of Engineering has successfully completed his Internship at Aircraft Division, HAL, Bangalore from 01.10.2022 to 31.10.2022.

We wish him All the Best, Good Luck and Success in his future endeavors.

(B Arockia Jothi)

Chief Manager (HR) THE STREET SOUTH FIRMAN, 1250,7

Mr.Sandeep Sagar M V,

BE(Aerospace),

ACS College of Engineering, Bangalore.

> ನೋಂದಾಯತ ಕಚೇರಿ : ೧೫/೧, ಕಬ್ಬರ್ ರಸ್ತೆ, ಬೆಂಗಳೂರು-೫೬೦೦೦೧, ಭಾರತ पंजीकृत कार्यालय: 15/1, कब्बन रोड, बेंगलूरा - 560 001, भारत Registered Office: 15 /1, Cubbon Road, Bengaluru - 560 001, India ೩ ৯ ৯৮/ सी आई एन / CIN: L35301KA1963GOI001622 억/ई/E:hr\_ac@hal-india.co.in

www.hal-imdia.co.in



NAAC

NOTONA ARREMENT AND

'A' GRADE



www.hal-india.co.in





#207, Kambipura, Mysore Road, Bangalore – 560 074. Affiliated to VTU, Belgaum. Approved by AICTE, New Delhi & Govt. of Karnataka

## **DEPARTMENT OF AEROSPACE ENGINEERING**

### **INTERNSHIP DETAILS 2019-2023**

อల్ సి ఎ डेंश्टर्स्स ఏట్లాగ एल सी ए तेजस प्रभाग L C A TEJAS DIVISION టింగుంటు సంకిణ్యా/ తాగాलेक्स/BANGALORE COMPLEX ఓందుబ్యాన్ పర్వేణ్యంటిక్స్ లిమిటిడా हिन्दुस्तान एरोनॉटिक्स लिमिटेड HINDUSTAN AERONAUTICS LIMITED



ಆಂಚೆ ಪೆಟ್ಟಿಗೆ ಸಂಖ್ಯೆ ೩೭೯೧, ಬೆಂಗಳೂರು–೫೬೦ ೦೩೭, ಫಾರತ पोस्ट बेग सं. 3791, बेगलूरु - 560037, भारत Post Bag No. 3791, Bengaluru - 560037, India ದೂರವಾಣಿ/दूरभाष/Ph.: 91-80- 22323809 22323811,22323812 22323595,22323832,22323966 ಫ್ಯಾಕ್ಸ್ /फैक्स/Fax: 91-80-22323808

No. LCA/HR/TM/46/2247/2022

Date: 28.09.2022

### CERTIFICATE

## TO WHOM SO EVER IT MAY CONCERN

This is to certify that Ms. Sangeetha G, 7<sup>th</sup> Semester, B.E (Aerospace Engineering), ACS College of Engineering, Bangalore, has undertaken an Internship in partial fulfillment of her academic requirement at LCA Tejas Division from 29.08.2022 to 28.09.2022.

- 2. Her behavior & conduct during the above training period was Very Good.
- 3. We wish her all the best for future endeavors.

(NOEL T RAJAN) MANAGER (HR)



ನೋಂದಾಯಿತ ಕಛೇರಿ : ೧೫/೧, ಕಬ್ಬನ್ ರಸ್ತೆ, ಬೆಂಗಳೂರು–೫೬೦೦೦೧, ಭಾರತ पंजीकृत कार्यालय : 15/1, कब्बन रोड़, बेंगलूरु - 560 001, भारत Registered Office : 15/1, Cubbon Road, Bengaluru - 560 001, India

ន్తి ఐ ఎన్/ सी आई एन / CIN: L35301KA1963GOI001622



NAAC
NOTIONAL ASSOCIATION COUNTED

'A' GRADE







#207, Kambipura, Mysore Road, Bangalore – 560 074. Affiliated to VTU, Belgaum. Approved by AICTE, New Delhi & Govt. of Karnataka

### **DEPARTMENT OF AEROSPACE ENGINEERING**

### **INTERNSHIP DETAILS 2019-2023**

र्पारधि विवा अनुसंधान व अभिकल्प केन्द्र विवा अनुसंधान व अभिकल्प केन्द्र विवा अनुसंधान व अभिकल्प केन्द्र विवाधिक काम्प्लेक्स किर्णाहिक विवाधिक काम्प्लेक्स किर्मुद्र विवाधिक व



ROTARY WING RESEARCH & DESIGN CENTRE DESIGN COMPLEX HINDUSTAN AERONAUTICS LIMITED

Bengaluru - 560 017, India

ದೂರವಾಣಿ / दूरभाष / Ph.: 91 - 80 - 2232 3149 91 - 80 - 2231 1284

HAL/DC/RWRDC/HR/INTRNSHP/ 1274 /2022

12th October 2022

#### CERTIFICATE

This is to certify that Ms. Shubha K N(1AH19AS036), student of B.E(Aerospace Engineering), ACS College of Engineering, Bangalore has undergone Internship on No-pay-No-fee basis from 10.09.2022 to 11.10.2022 at Ground Test Centre, Rotary Wing Research & Design Centre, Hindustan Aeronautics Limited, Bengalore.

2. Her Conduct, Behaviour, Punctuality and Progress in Training was "Very Good" as rated by the Department Head during her training period with us.

(U SUDHAKAR) SENIOR MANAGER (HR)

Ms. Shubha K N(1AH19AS036) B.E(Aerospace Engineering) ACS College of Engineering Bangalore



ನೋಂದಾಯಿತ ಕಚೇರಿ : ೧೫/೧, ಕಬ್ಬನ್ ರಸ್ತೆ, ಬೆಂಗಳೂರು–೫೬೦೦೦೧, ಭಾರತ पंजीकृत कार्यालय : 15/1, कब्बन रोड़, बेंगलूरु - 560 001, भारत Registered Office : 15/1, Cubbon Road, Bengaluru - 560 001, India

ಸಿ ಐಎನ್/ सी आई एन / CIN: L35301KA1963GOI001622 ಇ / ई / E : hr.rwrdc@hal-india.co.in

www.hal-india.co.in











#207, Kambipura, Mysore Road, Bangalore - 560 074. Affiliated to VTU, Belgaum. Approved by AICTE, New Delhi & Govt. of Karnataka

## DEPARTMENT OF AEROSPACE ENGINEERING

#### **INTERNSHIP DETAILS 2019-2023**











#### DEPARTMENT OF AEROSPACE ENGINEERING

08-05-2023

To

BATCH:

NAME: **SOWMYA GS** USN: 1AH19AS038

2019-2023

Dear sowmya gs,

This letter serves as confirmation of your successful completion of your internship at IRNSS DATA CENTER, ACSCE, Bangalore. During your time with us, you demonstrated a high level of commitment, enthusiasm, and diligence in your work, and you made a valuable contribution to our team.

Your internship lasted from September'22 to April'23, during which time you worked 5 hours per week. You were responsible for AI/ML model construction for lonospheric TEC prediction, and you consistently met or exceeded our expectations in carrying out these tasks.

We are confident that you have gained valuable experience and skills during your time with us, and we wish you all the best as you continue your academic and professional pursuits. Please know that we are proud to have played a role in your education and development.

Sincerely,

Professor & HEAD

Department of Aerospace engineering,

ACSCE HOD Department of Acrospace Engineering. ACS College of Engineering 207 Kambipura Mysore Road Bangalore-560074



'A' GRADE







### #207, Kambipura, Mysore Road, Bangalore - 560 074. Affiliated to VTU, Belgaum. Approved by AICTE, New Delhi & Govt. of Karnataka

### DEPARTMENT OF AEROSPACE ENGINEERING

#### **INTERNSHIP DETAILS 2019-2023**

#### INTERNSHIP CERTIFICATE

ಎಲ್ ಸಿ ಎ ತೇಜಸ್ ವಿಭಾಗ एल सी ए तेजस प्रभाग L CATEJAS DIVISION HONGED SOURCE | बेंगलूर कॉमलेक्स BANGALORE COMPLEX ಹಿಂದೂಸ್ಥಾನ್ ಏರೋನಾಟಕ್ ಲಿಮಿಟೆಡ್ हिन्द्स्तान एरोनॉटिक्स लिमिटेड HINDUSTAN AERONAUTICS LIMITED



and third test, LLFD, demonstrated call, pepa die 4: e 3791, 4::ge - 560 037, see: Post Bag No. 3791. Bengaluru. 560037. India द्रांक द्रीयक रहे । दूरभाष (Ph.: 91 - 80 - 2232 3809 2232 3811, 2232 3812

2732 3895 2232 3832 2232 3966

क्कुर्क (फेर्क्स/Fax:91 80-22323808

Date: 28.09.2022

No. LCA/HR/TM/46/2246/2022

### TO WHOM SO EVER IT MAY CONCERN

CERTIFICATE

This is to certify that Mr. Sumith V Sawkar, 7th Semester, B.E (Aerospace Engineering), ACS College of Engineering, Bangalore, has undertaken an Internship in partial fulfillment of his academic requirement at LCA Tejas Division from 29.08.2022 to 28.09.2022.

- His behavior & conduct during the above training period was Very Good.
- We wish him all the best for future endeavors.

(NOEL T RAJAN) MANAGER (HR)



ನೊಂದಾಯಿತ ಕಛೇರಿ : ೧೫/೧, ಕಬ್ಬನ್ ರಸ್ತೆ, ಬೆಂಗಳೂರು-೫೬೦೦೦೧, ಭಾರತ पंजीकृत कार्यालय: 15/1, कब्बन रोड, बेंगलूरु - 560 001, भारत Registered Office: 15 /1, Cubbon Road, Bengaluru - 560 001, India ಸಿ ಐ ಎನ್ / सी आई एन / CIN:L35301KA1963GO(001622

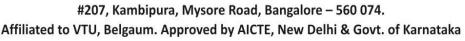
www.hal-india.co.in



'A' GRADE







## DEPARTMENT OF AEROSPACE ENGINEERING

### **INTERNSHIP DETAILS 2019-2023**

## **INTERNSHIP CERTIFICATE**

Fax : +91-80-25220160 Email : vmsrao@jetmail.ada.gov.in

#### ADA

+91-80-25220160 Mob: +91-99000 50099

### AERONAUTICAL DEVELOPMENT AGENCY

(Ministry of Defence, Govt. of India) PB No. 1718, Vimanapura Post, Bangalore - 560 017, India

Dr. V. Madhusudana Rao Scientist / Engineer 'H', Outstanding Scientist Project Director (LCA AF Mk2)

16th Nov 2022

### TO WHOMSOEVER IT MAY CONCERN

This is a brief description of the work carried out by Mr. Sumukh Kumar K (1AH19AS041) belonging to Department of Aerospace Engineering, ACS College of Engineering, Bangalore 560074, during his internship from 19 September 2022 to 18 October 2022 at LCA AF Mk2 Department of Aeronautical Development Agency (ADA), Bangalore.

His primary tasks involved a basic understanding of the role of Aeronautical Development Agency in Indian Defence Research along with the Tejas Aircraft Design evolution and a basic understanding of the use of applied Computational Fluid Dynamics (CFD) in simulating basic aerodynamic flows. During his internship, his work included:

- Comparison of main design features of various aircraft programs at ADA
- Understanding of the use of CFD and its main advantages for studying Aerodynamics
- Learning the basics of GMSH tool for grid generation over an airfoil
- Learning the basics of SU2 CFD solver and running the mesh generated with GMSH

During his tenure with ADA, he executed his tasks with sincerity and diligence & always maintained a professional and courteous attitude with team & colleagues.

I wish him success in his future endeavors.

(Dr. V Madhusudana Rao) OS& Sc 'H'

PD (LCA AF Mk2)





www.hal-india.co.in





### #207, Kambipura, Mysore Road, Bangalore - 560 074. Affiliated to VTU, Belgaum. Approved by AICTE, New Delhi & Govt. of Karnataka

## DEPARTMENT OF AEROSPACE ENGINEERING

#### **INTERNSHIP DETAILS 2019-2023**

ಇಂಜಿನ್ ವಿಭಾಗ / इंजन प्रभाग / ENGINE DIVISION चैंगार्जक प्रवर्शकार वेंगलूर कॉम्प्लेक्स / BANGALORE COMPLEX ಹಿಂದೂಸ್ಥಾನ್ ಏರೋನಾಟಿಕ್ಸ್ ಲಿಮಿಟಿಡ್ हिन्दस्तान एरोनॉटिक्स लिमिटेड HINDUSTAN AERONAUTICS LIMITED



ಅಂಚೆ ಪೆಟ್ಗೆಗೆ ಸಂಖ್ಯೆ 9310. ಬೆಂಗಳೂರು-560093 ಫಾರತ पोस्ट बैंग सं 9310, बेंगलूरु - 560 093, भारत Post Bag No.9310, Bengaluru-560093, India Fax: 91-80-

E/HR/Internship/2022

31-10-2022

#### CERTIFICATE

This is to certify that Mr. TS Samanth, BE (Aeronautical Engineering) Student of ACS College of Engineering, Bangalore has successfully completed his Internship in Blade Shop, Engine Division, Hindustan Aeronautics Limited (Bangalore Complex), Bengaluru - 560 093, during the period from 01-10-2022 to 31-10-2022 on No-Pay No-Fee Basis.

(This Certificate is issued for academic purpose only)

(Dr. PRIYANKA PRALHAD GOTIPAMUL) MANAGER (HR) - PM & TM



ನೋಂದಾಯಿತ ಕಚೇರಿ : ೧೫/೧, ಕಬ್ಬನ್ ರಸ್ತೆ, ಬೆಂಗಳೂರು-೫೬೦೦೦೧, ಭಾರತ पंजीकृत कार्यालय: 15/1, कब्बन रोड़, बेंगलूरु - 560 001, भारत Registered Office: 15/1, Cubbon Road, Bengaluru - 560 001, India

ಸಿ ಐ ಎನ್ / सी आई एन / CIN: L35301KA1963GOI001622



'A' GRADE



www.hal-india.co.in





#207, Kambipura, Mysore Road, Bangalore - 560 074. Affiliated to VTU, Belgaum. Approved by AICTE, New Delhi & Govt. of Karnataka

## DEPARTMENT OF AEROSPACE ENGINEERING

### **INTERNSHIP DETAILS 2019-2023**

wooder agen / इंजन प्रभाग / ENGINE DIVISION Montest Moscres / बेंगलूर कॉम्प्लेक्स / BANGALORE COMPLEX ಹಿಂದೂಸ್ಥಾನ್ ಎರೋನಾಟಕ್ ಲಿಮಿಟಿಡ್ हिन्द्स्तान एरोनॉटिक्स लिमिटेड HINDUSTAN AERONAUTICS LIMITED



ಆಂಚ ಪಟ್ಟಿಗೆ ಸಂಖ್ಯೆ 9340, ಜಿಂಗಳೂರು-560093 ಭಾರತ दोस्ट बैग सं 9310, बैगाइत - 560093, भारत Post Bag No.9310, Bengaluru - 560093, India Ph.: 91-80 -Fax: 91 - 80 -

E/HR/Internship/2022

30-09-2022

#### CERTIFICATE

This is to certify that Ms. Tejaswini S, BE (Aerospace Engineering) Student of ACS College of Engineering, Bangalore has successfully completed her Internship in Blade Shop, Engine Division, Hindustan Aeronautics Limited (Bangalore Complex), Bengaluru - 560 093, during the period from 01-09-2022 to 29-09-2022 on No-Pay No-Fee Basis

(This Certificate is issued for academic purpose only)

(SUJATA BELGAMKAR) CHIEF MANAGER-HR



ನೋಂದಾಯತ ಕಚೇರಿ : ೧೫/೧, ಕಬ್ಬರ್ ರಸ್ತೆ, ಬೆಂಗಳೂರು-೫೬೦೦೦೧, ಭಾರತ पंजीकृत कार्यालय: 15/1, कब्बन रोड, बेंगलूरु - 560 001, भारत Registered Office: 15/1, Cubbon Road, Bengaluru - 560 001, India ಸಿ ಐ ಎನ್/ सी आई एन / CIN: L35301KA1963GOi001622



NAAC
NOTIONA ASSESSMENT AND
ACCREMINATION CONCL.

'A' GRADE







#207, Kambipura, Mysore Road, Bangalore – 560 074.
Affiliated to VTU, Belgaum. Approved by AICTE, New Delhi & Govt. of Karnataka

## **DEPARTMENT OF AEROSPACE ENGINEERING**

### **INTERNSHIP DETAILS 2019-2023**

#### INTERNSHIP CERTIFICATE

र्थकरध्य ज्ञेलम् शंत्रकारम् स्वयं ज्ञेल्य हैरव्यं रोटरी विंग अनुसंधान व अधिकस्य वेन्द्र ज्ञ्युत्र शंतरकार/अधिकस्य काण्येत्व क्षेत्रकारमुक्त ज्ञेतरास्त्रकारम् च्योक्षिक हिन्दुस्तान एक्सोनीटिक्स विविधेट

ಪೆಂಗಳೂರು-3E000೭, ಭಾರತ / ಕೆಳ್ಳಾಕ - 560 817, 4661 ಭ್ಯಾಕ್ಕ್ / ಕೆಳಗು / Fax: 91 - 80 - 2231 1747

HAL/DC/RWRDC/HR/INTRNSHP//127 /2022

ROTARY WING RESEARCH & DESIGN CENTRE DESIGN COMPLEX HINDUSTAN AERONAUTICS LIMITED Ecophium - 560 017, high CLADIERS / GPTH / Ph.: 91 - 80 - 2232 3149

91 - 80 - 2232 3149 91 - 80 - 2231 1284

www.hal-india.co.in

6th October 2022

#### CERTIFICATE

This is to certify that Mr. Thilak N K (USN No. 1AH19AS045) a student of BE(Aerospace Engineering), ACS College of Engineering, Bengaluru has undergone Internship on No-pay-No-fee basis from 07.09.2022 to 06.10.2022 at Ground Test Centre, Rotary Wing Research & Design Centre, Hindustan Aeronautics Limited, Bengalore.

His Conduct, Behaviour, Punctuality and Progress in Training was "Very Good" as rated by the Department Head during his training period with us.

> (U SUDHAKAR) SENIOR MANAGER (HR)

Mr. Thilak N K (USN No. 1AH19AS045) BE(Aerospace Engineering) ACS College of Engineering Bengaluru.



ಮೋಂದಾಯತ ಕಚೇರಿ : ೧೫/೧, ಕಬ್ಬನ್ ರತ್ತೆ, ಬೆಂಗಳೂರು-೫೬,೦೦೦೧, ಭಾರತ पंजीकृत कार्यालय : 15/1, कथन शेड, बॅगलूरु - 560 001, भारत Registered Office : 15/1, Cubbon Road, Bengaluru - 560 001, India

A D 의로 / 위 제통 연구 / CIN: L35301KA1963GOI001622 행 / 호/ E: hr.rwrdc@hal-india.co.in



'A' GRADE







#207, Kambipura, Mysore Road, Bangalore - 560 074. Affiliated to VTU, Belgaum. Approved by AICTE, New Delhi & Govt. of Karnataka

## DEPARTMENT OF AEROSPACE ENGINEERING

### **INTERNSHIP DETAILS 2019-2023**

ರೋಟರಿ ವಿಂಗ್ ಸಂಶೋಧನೆ ಮತ್ತು ವಿನ್ಯಾಸ ಕೇಂದ್ರ रोटरी विंग अनुसंधान व अभिकल्प केन्द्र ವಿನ್ಯಾಸ ಸಂಕೀರ್ಣ / अभिकल्प काम्प्लेक्स ಹಿಂದೂಸ್ತಾನ್ ಏರೋನಾಟಿಕ್ಸ್ ಲಿಮಿಟೆಡ್ हिन्दुस्तान एरोनॉटिक्स लिमिटेड

ROTARY WING RESEARCH & DESIGN CENTRE DESIGN COMPLEX HINDUSTAN AERONAUTICS LIMITED

Bengaluru - 560 017, India

ದೂರವಾಣೆ/दूरभाष/Ph.: 91 - 80 - 2232 3149

91 - 80 - 2231 1284

ಬೆಂಗಳೂರು-೫೬೦೦೧೭. ಭಾರತ / बॅगलूर - 560 017, पारल बाक्ष हर्न / फैक्स / Fax : 91 - 80 - 2231 1747

HAL/DC/RWRDC/HR/INTRNSHP/1275/2022

12th October 2022

#### CERTIFICATE

This is to certify that Ms. Spoorti G Bahaddurbandi(1AH19AS039), student of B.E(Aerospace Engineering), ACS College of Engineering, Bangalore has undergone Internship on No-pay-No-fee basis from 10.09.2022 to 11.10.2022 at Ground Test Centre, Rotary Wing Research & Design Centre, Hindustan Aeronautics Limited, Bengalore.

Her Conduct, Behaviour, Punctuality and Progress in Training was "Very Good" as rated by the Department Head during her training period with us.

> (U SUDHAKAR) SENIOR MANAGER (HR)

Ms. Spoorti G Bahaddurbandi (1AH19AS039) B.E (Aerospace Engineering) ACS College of Engineering Bangalore



ನೋಂದಾಯಿತ ಕಚೇರಿ : ೧೫/೧, ಕಬ್ಬನ್ ರಸ್ತೆ, ಬೆಂಗಳೂರು-೫೬೦೦೦೧, ಭಾರತ पंजीकृत कार्यालय: 15/1, कब्बन रोड़, बेंगलूरु - 560 001, भारत Registered Office: 15/1, Cubbon Road, Bengaluru - 560 001, India

ಸಿ ಐ ಎನ್ / सी आई एन / CIN: L35301KA1963GO1001622 ಇ / ई / E : hr.rwrdc@hal-india.co.in

www.hal-india.co.in



'A' GRADE







#207, Kambipura, Mysore Road, Bangalore - 560 074. Affiliated to VTU, Belgaum. Approved by AICTE, New Delhi & Govt. of Karnataka

### DEPARTMENT OF AEROSPACE ENGINEERING

### **INTERNSHIP DETAILS 2019-2023**

भारत सरकार विद्युत - प्रकाशिकी तंत्र प्रयोगशाला (लियोस) पहला क्रास, पहला स्टेज, पीच्या औद्योगिक एस्टेट बॅगलूर - 560 058. भारत बुरमाय : +91-80-28396470, 28371286-87 फेक्स : +91-80-28392304



rtment of Space Laboratory for Electro-Optics Systems (LEOS) e, 1st Cross, Peenya Industrial Estate, ne: +91-80-28396470, 28371286-87 Fax: +91-80-28392304

### CERTIFICATE

This is to certify that Ms. VEETHASMI A KUMAR (1AH19AS047) is a bona-fide student of ACS COLLEGE OF ENGINEERING has carried out the project on "STUDY OF KLOBUCHAR MODEL FOR IONOSPHERIC CORRECTIONS" at Laboratory for Electro - Optics Systems (LEOS), ISRO, Bengaluru. It is certified that she has completed her project internship satisfactorily during the period of 22nd August 2022 to 23rd September 2022. Her attitude and enthusiasm during the project internship was excellent.

#### B KRISHNAM PRASAD

Scientist/Engineer, SG Head, SEMD Laboratory for Electro-Optics Systems (LEOS) Indian Space Research Organization( ISRO) Bengaluru-560058

> ज्याम ग्रसाद / B. Krishnam Prasad न, एस.इ.एस.बी / Head, SEMD - इसवे / LEOS, ISRO THEIT / Dept. of Space, Govt. of India

भारतीय अंतरिक्ष अनुसंघान संगठन Indian Space Research Organisation





www.hal-india.co.in





### #207, Kambipura, Mysore Road, Bangalore - 560 074. Affiliated to VTU, Belgaum. Approved by AICTE, New Delhi & Govt. of Karnataka

## DEPARTMENT OF AEROSPACE ENGINEERING

### **INTERNSHIP DETAILS 2019-2023**

पाठावेल विद्याल / इंजन प्रभाग / ENGINE DIVISION MOTIVACE MOSTER / BUTTOR OF THE THE BANGALORS COMPLEX ಹಿಂದೂಪೂರ್ ಏರೋಪಾಟಕ್ ಲಿಮಟೆಡ್ हिन्दस्तान एरोनॉटिक्स लिमिटेड

HINDUSTAN AERONAUTICS LIMITED



word ship to ad, 9310, stone ass-560093 stops प्रोप्ट केंग्र सं 9310, केंग्रहर - 560093, प्राप्त Post Bag No.9310, Bengaluru-560093, India Fax: 91-80

E/HR/Internship/2022

30-09-2022

#### CERTIFICATE

This is to certify that Mr. Yadhubangar A.S, BE (Aerospace Engineering) Student of ACS College of Engineering, Bangalore has successfully completed his Internship in CNC Shop, Engine Division, Hindustan Aeronautics Limited (Bangalore Complex), Bengaluru - 560 093, during the period from 02-09-2022 to 30-09-2022 on No-Pay No-Fee Basis

(This Certificate is issued for academic purpose only)

(SUJATA BELGAMKAR) CHIEF MANAGER-HR



ನೋಂದಾಯಿತ ಕಚೇರಿ : ೧೫/೧, ಕಬ್ಬನ್ ರಸ್ತೆ, ಬೆಂಗಳೂರು-೫೬೦೦೦೧, ಭಾರತ पंजीकृत कार्यालय: 15/1, कब्बन रोड, बॅगलूरू - 560 001, भारत Registered Office: 15 /1, Cubbon Road, Bengaluru - 560 001, India 요 없다 / 위 제ई एन / CIN: L35301KA1963GOI001622



NAAC

INTRINA ASSESSED FOR ASSE

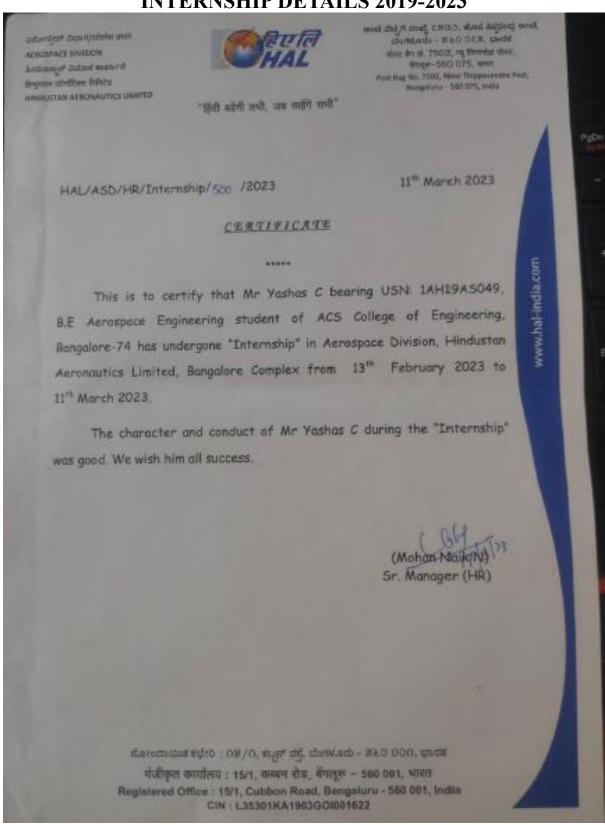




#207, Kambipura, Mysore Road, Bangalore – 560 074. Affiliated to VTU, Belgaum. Approved by AICTE, New Delhi & Govt. of Karnataka

## **DEPARTMENT OF AEROSPACE ENGINEERING**

### **INTERNSHIP DETAILS 2019-2023**





#207, Kambipura, Mysore Road, Bangalore - 560 074.

Affiliated to VTU, Belgaum. Approved by AICTE, New Delhi & Govt. of Karnataka

'A' GRADE

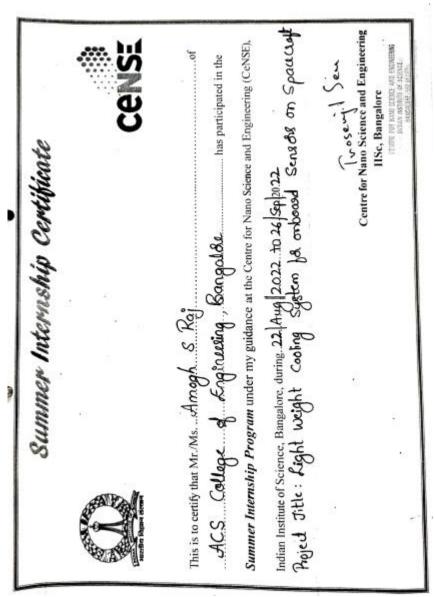






## **DEPARTMENT OF AEROSPACE ENGINEERING**

## **INTERNSHIP DETAILS 2019-2023**





'A' GRADE







#207, Kambipura, Mysore Road, Bangalore - 560 074. Affiliated to VTU, Belgaum. Approved by AICTE, New Delhi & Govt. of Karnataka

## **DEPARTMENT OF AEROSPACE ENGINEERING**

### **INTERNSHIP DETAILS 2019-2023**



## Certificate

Industrial Internship in Automation Technology



#### **BHARTI VISHAL RAMESH (1AH19 AS007)**

has successfully completed Four Weeks Industrial Internship from 01/09/22 to 01/10/22 in the area of Industrial Automation with the following contents:

- Programmable Logic Controller (Bosch Rexroth L20 PLC)
   Fundamentals of Bosch Rexroth L20 PLC

  - PLC Programming in IndraWorks Engineering
     Overview of Industrial Applications
- 2. Industrial Pneumatics (Bosch Rexroth Products)
  - Basic Pneumatics
     Electro Pneumatics

