



COVER PAGE FORMAT

LOGO OF
INDUSTRY /COMPANY

INTERNSHIP REPORT

< Font Size 21- Bold> <1.5 line spacing>

on

 <Italic><1.5 line spacing>

TITLE OF INTERNSHIP

<1.5 line spacing>

at

 <Italic><1.5 line spacing>

NAME OF THE COMPANY/ INDUSTRY

 <1.5 line spacing>

Submitted by

 <Italic><1.5 line spacing>

NAME OF THE CANDIDATE

REGISTRATION NUMBER

 <1.5 line spacing>

in partial fulfillment for the award of the degree of

 <1.5 line spacing>

BACHELOR OF TECHNOLOGY

NAME OF THE PROGRAMME

<1.5 line spacing>

School of Aeronautics (Neemrana)

I04, Delhi-Jaipur Exp. RIICO Industrial Area, Neemrana, Rajasthan301705.

Affiliated to

 <Italic><1.5 line spacing>

BIKANER TECHNICAL UNIVERSITY (BTU), BIKANER.

<1.5 line spacing>

On

 <Italic><1.5 line spacing>

MONTH AND YEAR

<1.5 line spacing>

SAMPLE: 1



INTERNSHIP REPORT

On

TURBOFAN ENGINE OVERHAULING AND MAINTENANCE

At

HINDUSTAN AERONAUTICS LIMITED (HAL), KANPUR

Submitted by

Mr. TUSHAR CHAND

REG NO: 1593

In partial fulfillment for the award of the degree of

BACHELOR OF TECHNOLOGY

AERONAUTICAL ENGINEERING

School of Aeronautics (Neemrana)

104, Delhi-Jaipur Exp. RIICO Industrial Area, Neemrana, Rajasthan 301705.

Affiliated to

BIKANER TECHNICAL UNIVERSITY (BTU), BIKANER.

On

MAY, 2019.

SAMPLE: 2

DEPARTMENT OF AERONAUTICAL ENGINEERING

School of Aeronautics (Neemrana)

I-04, RIICO Industrial Area, Neemrana, Dist. Alwar, Rajasthan

(Approved by Director General of Civil Aviation, Govt. of India , All India Council for Technical Education, Ministry of HRD, Govt of India & Affiliated to Bikaner Technical University. Bikaner, Rajasthan)



CERTIFICATE

This is to certify that the “**Internship report**” on “**Turbofan Engine Overhauling And Maintenance**” submitted by **Mr. Tushar Chand (Regd. No.: 1593)** is work done by him/her and submitted during 2019 – 2020 academic year, in partial fulfillment of the requirements for the award of the degree of **BACHELOR OF TECHNOLOGY in AERONAUTICAL ENGINEERING,** at **SCHOOL OF AERONAUTICS, NEEMRANA (RAJASTHAN).**

<Size – 14>><2 line spacing>

<<Signature of the HOD with date>> <<Signature of College Internship Coordinator with date>>

<<Name of the HOD >>

<<Name of the Coordinator >>

Professor and Head

<<Academic Designation of Coordinator >>

Department of Aeronautical Engineering Department of Aeronautical Engineering

School of Aeronautics (Neemrana).

School of Aeronautics (Neemrana).

<BOND PAPER>

ACKNOWLEDGEMENT

First I would like to thank The Director of HAL, Kanpur for giving me the opportunity to do an internship within the organization.

I also would like all the people that worked along with me in HAL, Kanpur with their patience and openness they created an enjoyable working environment.

It is indeed with a great sense of pleasure and immense sense of gratitude that I acknowledge the help of these individuals.

I am highly indebted to Dr. C.C. Ashoka Director of School of Aeronautics (Neemrana) and all the faculty members, for the facilities provided to accomplish this internship.

I would like to thank my Head of the Department Dr. Bipin Kumar Dwivedi for his constructive criticism throughout my internship.

I would like to thank _____ (Name of the faculty), College internship coordinator and for their support and advices to get and complete internship in above said organization.

I am extremely great full to my department staff members and friends who helped me in successful completion of this internship.

<Size – 14>><1.5 line spacing>

TUSHAR CHAND

Reg No: 1593

SAMPLE: 4

DECLARATION BY THE CANDIDATE

I the undersigned solemnly declare that the Internship report is based on my own work carried out during the course of our study under the supervision of **(NAME OF Coordinator)** at **Name Company/ Industry**.

I assert the statements made and conclusions drawn are an outcome of my internship work. I further certify that

- I. The work contained in the report is original and has been done by me under the general supervision of my supervisor.
- II. The work has not been submitted to any other Institution for any other degree/diploma/certificate in this university or any other University of India or abroad.
- III. I have followed the guidelines provided by the College/ University in writing the report.
- IV. Whenever I have used materials (data, theoretical analysis, and text) from other sources, I have given due credit to them in the text of the report and giving their details in the references.

<Size – 14>><1.5 line spacing>

Signature of the Student

Name of the Student

Registration No of the Student

<BOND PAPER>

SAMPLE: 5

(A typical Specimen of Table of Contents)

TABLE OF CONTENTS

CHAPTER NO.	TITLE	PAGE NO.
	COLLEGE CERTIFICATE PAGE	ii
	INTERNSHIP CERTIFICATE (PROVIDED BY THE INTERNSHIP INSTITUTION)	iii
	ACKNOWLEDGEMENT	iv
	DECLARATION CERTIFICATE AND PLAGIARISM CERTIFICATE	v
	ABSTRACT	vi
	LIST OF TABLES	xvi
	LIST OF FIGURES	xviii
	LIST OF SYMBOLS, ABBREVIATIONS	xxvii
1	LEARNING OBJECTIVES/INTERNSHIP OBJECTIVES	1
2	SUMMARY OF WEEKLY INTERNSHIP ACTIVITIES	2
3	INTRODUCTION	5
	3.1 INDUSTRY DETAILS	1
	3.2 PRODUCT/ SERVICES	2
	3.3 OBJECTIVES OF THE STUDY	3
4	INTERNSHIP DISCUSSION	4
	4.1 FRAMEWORK OF LCA	4
	4.1.1 Product Life Cycle	6
	4.1.2 Product System and System	

	Boundary	6
	4.1.3 Functional Unit and Reference Flow	7
	4.1.4 Environmental Burdens	8
5		
	5.1	
	5.1.1	
7	CONCLUSION	26
8	ANNEXURE	27
	8.1 Annexure1: Copy of Student Internship Program Application	28
	8.2 Annexure2: Copy of Request Letter from Institute to Internship Provider	29
	8.3 Annexure3: Copy of Offer Letter / Acceptance Letter from the Industry / Company.	30
	8.4 Annexure4: Copy of Relieving Letter of Student	31
	8.5 Annexure5: Copy of Student's Daily Diary/ Daily Log	32
	8.6 Annexure6: Copy of Students technical Log book duly signed by training Supervisor with stamp	33

	8.7 Annexure7: Copy of Supervisor	
	Evaluation of Intern	34
	8.8 Annexure8: Copy of Student	
	Feedback of Internship	35
9	REFERENCES/ BIBLIOGRAPHY	36

SAMPLE: 6

WEEKLY OVERVIEW OF INTERNSHIP ACTIVITIES

1st WEEK	DATE	DAY	NAME OF THE TOPIC/ MODULE/ TASK COMPLETED
		Monday	
		Tuesday	
		Wednesday	
		Thursday	
		Friday	
		Saturday	

2nd WEEK	DATE	DAY	NAME OF THE TOPIC/ MODULE/ TASK COMPLETED
		Monday	
		Tuesday	
		Wednesday	
		Thursday	
		Friday	
		Saturday	

3rd WEEK	DATE	DAY	NAME OF THE TOPIC/ MODULE/ TASK COMPLETED
		Monday	
		Tuesday	
		Wednesday	
		Thursday	
		Friday	
		Saturday	

4th WEEK	DATE	DAY	NAME OF THE TOPIC/ MODULE/ TASK COMPLETED
		Monday	
		Tuesday	
		Wednesday	
		Thursday	
		Friday	
		Saturday	

5th WEEK	DATE	DAY	NAME OF THE TOPIC/ MODULE/ TASK COMPLETED
		Monday	
		Tuesday	
		Wednesday	
		Thursday	
		Friday	
		Saturday	

6th WEEK	DATE	DAY	NAME OF THE TOPIC/ MODULE/ TASK COMPLETED
		Monday	
		Tuesday	
		Wednesday	
		Thursday	
		Friday	
		Saturday	

<Size – 12>><1.5 line spacing>



School of Aeronautics (Neemrana)

I-04, RIICO Industrial Area, Neemrana, Dist. Alwar, Rajasthan

(Approved by Director General of Civil Aviation, Govt. of India, All India Council for Technical Education, Ministry of HRD, Govt of India, Affiliated to Rajasthan Technical University, Kota, Rajasthan & Affiliated to Bikaner Technical University, Bikaner, Rajasthan)

INTERNSHIP REPORT GUIDELINES

Every student is required to write an Internship report upon completion of their internship and required to submit **two copies** (student copy + department copy) of the report to concerned department HOD (along with Internship/ Training completion certificate given by the company) for final evaluation and awarding of end examination marks. Before submitting the report to the HOD the student required to go through multiple rounds of revision in collaboration with the department internship mentor/coordinator/supervisor and the college internship program coordinator.

THE INTERNSHIP REPORT SERVES MULTIPLE PURPOSES:

- Help the student develop written communication skills.
- Serve as an archival record of the internship experience.
- Give the student an opportunity to reflect on the professional aspects of the internship experience and the skills that were learned.
- Allow the student to describe the science content of the internship.
- Have the student to reflect on the initial goals of the internship and how they were (or were not) achieved during the internship.

PAGE DIMENSIONS AND MARGIN:

The dimensions of the report/ thesis should be 290mm x 205mm. Standard A4 size (297mm x 210mm) paper may be used for preparing the copies.

The Report /Thesis (at the time of submission) should have the following page margins:

Top edge : 30 to 35 mm

Bottom edge : 25 to 30 mm

Left side : 35 to 40 mm

Right side : 20 to 25 mm

The report/thesis should be prepared on good quality white paper preferably not lower than 80 gsm.

Tables and figures should conform to the margin specifications. Large size figures should be photographically or otherwise reduced to the appropriate size before insertion.

TEXT FORMAT IN THE REPORT:

This section includes additional information for final typing of the report. The impressions on the typed/duplicated/printed copies should be black in colour. Corrections, interlineations and crossing out of letters or words will not be permitted in any of the copies of the report intended for submission. Erasures, if made, should be neatly carried out in all copies. A sub-heading at the bottom of a page must have at least two full lines below it or else it should be carried over to the next page. The last word of any page should not be split using a hyphen. One and a half spacing should be used for typing the general text.

- ❖ The Headings/ Topics Title must be typed in Font Style Times New Roman and Font Size 16 with Bold Capital Letter with centre alignment.
- ❖ The Sub Headings/ Topics Sub Title must be typed in Font Style Times New Roman and Font Size 14 with Bold Letter with left alignment, in some Long subtitles it should be in Justify alignment (align text with both left and right margins).
- ❖ The general text must be typed in Font Style Times New Roman and Font Size 12 with the Justify alignment (aligns text with both left and right margins).

Single spacing should be used for typing:

(i) Long Tables

(ii) Long quotations

(iii) Foot notes

(iv) Multilane captions

(v) References

All quotations exceeding one line should be typed in an indented space, the indentation being 15mm from either margin. Double spacing should be used for typing the Acknowledgement.

BINDING & REPORT LENGTH:

- Hard Board calico binding & report length of minimum 20 pages with one side printing.

GENERAL INFORMATION:

- Student is eligible for internship evaluation if only if he/she completed 4 weeks of internship training.
- If the student completed his/her internship in more than one company, then he/she required to submit a separate internship report for each company.

EACH INTERNSHIP REPORT WILL FOLLOW THE FORMAT DESCRIBED:

- 1) **Title Page** (As per sample – 1)
- 2) **College certificate Page** (As per sample – 2)
- 3) **Internship certificate provided by the internship institution**
- 4) **Acknowledgement** (As per sample – 3)
- 5) **Declaration Certificate and Plagiarism Certificate.** (As per sample – 4)
- 6) **Abstract** (1 page)

Abstract should incorporate the below mentioned points:

- a) The company.
- b) The problem or opportunity of the internship topic.
- c) Methodology / Procedure adopted on the internship topic.
- d) Key parts of the report & your findings and solutions provided in the report.
- e) Benefits to the company/institution through your report.

- 7) **Table of content** (As per sample – 5)

List of the contents of the internship report and where they can be found in the report.

- 8) **List of Tables**

- 9) **List of Figures**

- 10) **List of Symbols, Abbreviations and Nomenclature (Optional)**

11) Learning Objectives/Internship Objectives (1 page)

In a single page that lists the original objectives of the internship.

12) Summary of Weekly internship activities (as per sample – 6) (1 page for one week)

13) Chapters

a) Introduction (2 or 3 pages)

The introduction should include a description of the internship site and the scope of the work completed during the internship. It may include background information necessary to understand the work completed during the internship.

b) Internship Discussion (minimum of 10 pages) This section contains a discussion of the internship and should address the following points:

- How you achieved the objectives?
- What skills (scientific and professional) were learned during the internship?
- Results/observations/work experiences get in the internship company.
- What challenges did you experience during the internship?

14) Conclusion (1 page)

15) Annexure

Annexure1: Copy of Student Internship Program Application

Annexure2: Copy of Request Letter from Institute to Internship Provider

Annexure3: Copy of Offer Letter / Acceptance Letter from the Industry / Company.

Annexure4: Copy of Relieving Letter of Student

Annexure5: Copy of Student's Daily Diary/ Daily Log

Annexure6: Copy of Students technical log book duly signed by training supervisor with stamp (Specially Integrated students, as it will be helpful at the time of issue of DGCA license)

Annexure7: Copy of Supervisor Evaluation of Intern

Annexure8: Copy of Student Feedback of Internship (To Be Filled By Students after Internship Completion)

16) References/ Bibliography (1 page)

Include references to books, articles, reports referred to in the report.

INTERNSHIP PROGRAM COORDINATOR

1. Dr. Bipin Kumar Dwivedi- 9314009035.
2. Mr. Sukumar Dhanapalan- 7904256314.
3. Mr. Sidhartha Sondh- 8077308202.
4. Mr. Ranjay- 9555561562.



COVER PAGE FORMAT

LOGO OF
INDUSTRY /COMPANY

INTERNSHIP REPORT

< Font Size 21- Bold> <1.5 line spacing>

on

 <Italic><1.5 line spacing>

TITLE OF INTERNSHIP

<1.5 line spacing>

at

 <Italic><1.5 line spacing>

NAME OF THE COMPANY/ INDUSTRY

 <1.5 line spacing>

Submitted by

 <Italic><1.5 line spacing>

NAME OF THE CANDIDATE

REGISTRATION NUMBER

 <1.5 line spacing>

in partial fulfillment for the award of the degree of

 <1.5 line spacing>

BACHELOR OF TECHNOLOGY

NAME OF THE PROGRAMME

<1.5 line spacing>

School of Aeronautics (Neemrana)

I04, Delhi-Jaipur Exp. RIICO Industrial Area, Neemrana, Rajasthan301705.

Affiliated to

 <Italic><1.5 line spacing>

RAJASTHAN TECHNICAL UNIVERSITY (RTU), KOTA.

<1.5 line spacing>

On

 <Italic><1.5 line spacing>

MONTH AND YEAR

<1.5 line spacing>



SAMPLE: 1



INTERNSHIP REPORT

On

TURBOFAN ENGINE OVERHAULING AND MAINTENANCE

At

HINDUSTAN AERONAUTICS LIMITED (HAL), KANPUR

Submitted by

Mr. TUSHAR CHAND

REG NO: 1593

In partial fulfillment for the award of the degree of

BACHELOR OF TECHNOLOGY

AERONAUTICAL ENGINEERING

School of Aeronautics (Neemrana)

104, Delhi-Jaipur Exp. RIICO Industrial Area, Neemrana, Rajasthan 301705.

Affiliated to

RAJASTHAN TECHNICAL UNIVERSITY (RTU), KOTA.

On

MAY, 2019.

<BOND PAPER>

SAMPLE: 2

DEPARTMENT OF AERONAUTICAL ENGINEERING

School of Aeronautics (Neemrana)

I-04, RIICO Industrial Area, Neemrana, Dist. Alwar, Rajasthan

(Approved by Director General of Civil Aviation, Govt. of India , All India Council for Technical Education, Ministry of HRD, Govt of India & Affiliated to Rajasthan Technical University. Kota, Rajasthan)



CERTIFICATE

This is to certify that the “**Internship report**” on “**Turbofan Engine Overhauling And Maintenance**” submitted by **Mr. Tushar Chand (Regd. No.: 1593)** is work done by him/her and submitted during 2019 – 2020 academic year, in partial fulfillment of the requirements for the award of the degree of **BACHELOR OF TECHNOLOGY in AERONAUTICAL ENGINEERING,** at **SCHOOL OF AERONAUTICS, NEEMRANA (RAJASTHAN).**

<Size – 14>><2 line spacing>

<<Signature of the HOD with date>> <<Signature of College Internship Coordinator with date>>

<<Name of the HOD >>

<<Name of the Coordinator >>

Professor and Head

<<Academic Designation of Coordinator >>

Department of Aeronautical Engineering Department of Aeronautical Engineering

School of Aeronautics (Neemrana).

School of Aeronautics (Neemrana).

<BOND PAPER>

ACKNOWLEDGEMENT

First I would like to thank The Director of HAL, Kanpur for giving me the opportunity to do an internship within the organization.

I also would like all the people that worked along with me in HAL, Kanpur with their patience and openness they created an enjoyable working environment.

It is indeed with a great sense of pleasure and immense sense of gratitude that I acknowledge the help of these individuals.

I am highly indebted to Dr. C.C. Ashoka Director of School of Aeronautics (Neemrana) and all the faculty members, for the facilities provided to accomplish this internship.

I would like to thank my Head of the Department Dr. Bipin Kumar Dwivedi for his constructive criticism throughout my internship.

I would like to thank _____(Name of the faculty), College internship coordinator and for their support and advices to get and complete internship in above said organization.

I am extremely great full to my department staff members and friends who helped me in successful completion of this internship.

<Size – 14>><1.5 line spacing>

TUSHAR CHAND

Reg No: 1593

SAMPLE: 4

DECLARATION BY THE CANDIDATE

I the undersigned solemnly declare that the Internship report is based on my own work carried out during the course of our study under the supervision of **(NAME OF Coordinator)** at **Name Company/ Industry**.

I assert the statements made and conclusions drawn are an outcome of my internship work. I further certify that

- I. The work contained in the report is original and has been done by me under the general supervision of my supervisor.
- II. The work has not been submitted to any other Institution for any other degree/diploma/certificate in this university or any other University of India or abroad.
- III. I have followed the guidelines provided by the College/ University in writing the report.
- IV. Whenever I have used materials (data, theoretical analysis, and text) from other sources, I have given due credit to them in the text of the report and giving their details in the references.

<Size – 14>><1.5 line spacing>

Signature of the Student

Name of the Student

Registration No of the Student

<BOND PAPER>

SAMPLE: 5

(A typical Specimen of Table of Contents)

TABLE OF CONTENTS

CHAPTER NO.	TITLE	PAGE NO.
	COLLEGE CERTIFICATE PAGE	ii
	INTERNSHIP CERTIFICATE (PROVIDED BY THE INTERNSHIP INSTITUTION)	iii
	ACKNOWLEDGEMENT	iv
	DECLARATION CERTIFICATE AND PLAGIARISM CERTIFICATE.	v
	ABSTRACT	vi
	LIST OF TABLES	xvi
	LIST OF FIGURES	xviii
	LIST OF SYMBOLS, ABBREVIATIONS	xxvii
1	LEARNING OBJECTIVES/INTERNSHIP OBJECTIVES	1
2	SUMMARY OF WEEKLY INTERNSHIP ACTIVITIES	2
3	INTRODUCTION	5
	3.1 INDUSTRY DETAILS	1
	3.2 PRODUCT/ SERVICES	2
	3.3 OBJECTIVES OF THE STUDY	3
4	INTERNSHIP DISCUSSION	4
	4.1 FRAMEWORK OF LCA	4
	4.1.1 Product Life Cycle	6
	4.1.2 Product System and System	

	Boundary	6
	4.1.3 Functional Unit and Reference Flow	7
	4.1.4 Environmental Burdens	8
5	5.1	
	5.1.1	
7	CONCLUSION	26
8	ANNEXURE	27
	8.1 Annexure1: Copy of Student Internship Program Application	28
	8.2 Annexure2: Copy of Request Letter from Institute to Internship Provider	29
	8.3 Annexure3: Copy of Offer Letter / Acceptance Letter from the Industry / Company.	30
	8.4 Annexure4: Copy of Relieving Letter of Student	31
	8.5 Annexure5: Copy of Student's Daily Diary/ Daily Log	32
	8.6 Annexure6: Copy of Students technical log book duly signed by training supervisor with stamp	33

	8.7 Annexure7: Copy of Supervisor	
	Evaluation of Intern	34
	8.8 Annexure8: Copy of Student	
	Feedback of Internship	35
9	REFERENCES/ BIBLIOGRAPHY	36

SAMPLE: 6

WEEKLY OVERVIEW OF INTERNSHIP ACTIVITIES

1st WEEK	DATE	DAY	NAME OF THE TOPIC/ MODULE/ TASK COMPLETED
		Monday	
		Tuesday	
		Wednesday	
		Thursday	
		Friday	
		Saturday	

2nd WEEK	DATE	DAY	NAME OF THE TOPIC/ MODULE/ TASK COMPLETED
		Monday	
		Tuesday	
		Wednesday	
		Thursday	
		Friday	
		Saturday	

3rd WEEK	DATE	DAY	NAME OF THE TOPIC/ MODULE/ TASK COMPLETED
		Monday	
		Tuesday	
		Wednesday	
		Thursday	
		Friday	
		Saturday	

4th WEEK	DATE	DAY	NAME OF THE TOPIC/ MODULE/ TASK COMPLETED
		Monday	
		Tuesday	
		Wednesday	
		Thursday	
		Friday	
		Saturday	

5th WEEK	DATE	DAY	NAME OF THE TOPIC/ MODULE/ TASK COMPLETED
		Monday	
		Tuesday	
		Wednesday	
		Thursday	
		Friday	
		Saturday	

6th WEEK	DATE	DAY	NAME OF THE TOPIC/ MODULE/ TASK COMPLETED
		Monday	
		Tuesday	
		Wednesday	
		Thursday	
		Friday	
		Saturday	

<Size – 12>><1.5 line spacing>