



Department : Mechanical Engineering		
Academic Year: 2021-22		
Sr. No.	Programme Code	Name of the Programme
01.	217	B. Tech Mechanical Engineering

Following students have carried out their Project work/ Internship/ Field Project/Industrial Training for the academic session 2021-22

S.No.	Name of the Students	Page No
1	PRABHAT BEHERA	2-4
2	SAMPANNA KUMAR DEWANGAN	2-4
3	VENNA ANJANEYA REDDY	5-7
4	DEEPAK KUMAR ALBELA	8-10
5	P ANAND RAJU	11-13
6	G GOPINATH	14-16
7	AMAN KUMAR YADAV	17-21
8	MADHAV MISHRA	17-21
9	MD SHOYEB AKHTAR	17-21
10	N. BHEEMARAO RAMJI	22-26
11	KUMAR SHIVAM	27-31
12	JYOTI PRAKASH	27-31
13	UJJAWAL SINGH	27-31
14	VIKASH SINGH	27-31
15	KOMAL KUMARI	32-36
16	ABHISHEK KUMAR	32-36
17	ABHIJEET KUMAR	32-36
18	G CHINA BABU	37-38
19	B KALYAN NAYAK	39-40
20	VIKAS KUMAR	41-45
21	KUNAL DEWANGAN	41-45
22	RAHUL CHANDRA	41-45



TWO WEEKS TRAINING REPORT

GURUGHASIDAS CENTRAL UNIVERSITY, BILASPUR, C.G.



SESSION : 2019-2023

DEPARTMENT OF MECHANICAL ENGINEERING

ROLL NO. : 19104449 - ENROLL NO. : GGV/19/1208,

ROLL NO. : 19104458 - ENROLL NO. : GGV/19/1256,

TOPIC : ULTRASONIC WAVE DETECTOR

'INDIAN RAILWAYS- SOUTH EAST CENTRAL RAILWAY'

INDIAN RAILWAYS



SATYAMEV JAYATE



DURATION : 23/05/2022 TO 05/06/2022

GUIDED BY :

Mr. AMITABH CHAUDHARY SIR

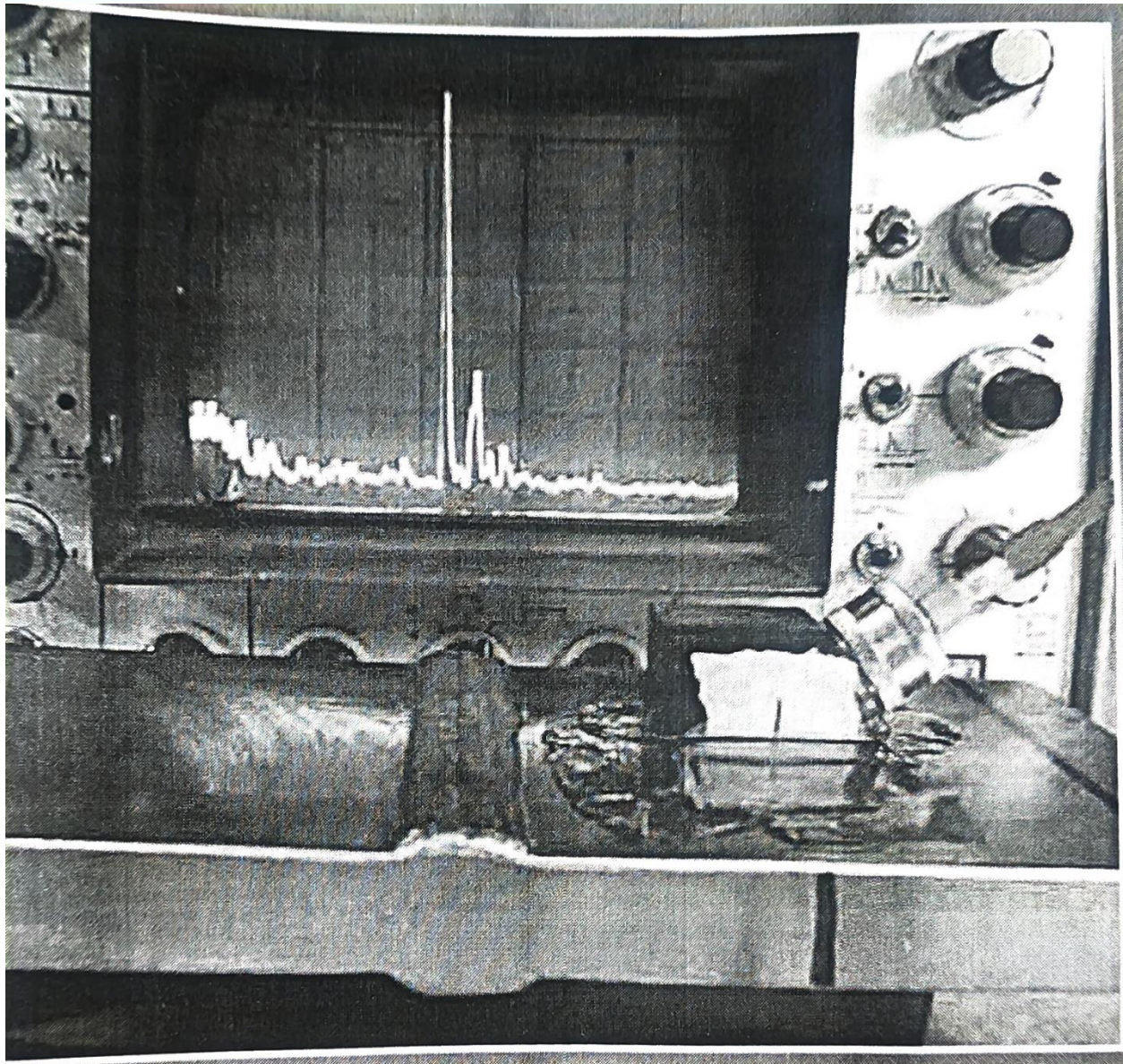
SUBMITTED BY:

PRABHAT BEHERA,
SAMPANNA KUMAR-
DEWANGAN

गुरु घासीदास विश्वविद्यालय
(केन्द्रीय विश्वविद्यालय अधिनियम 2009 क्र. 25 के अंतर्गत स्थापित केन्द्रीय विश्वविद्यालय)
कोनी, बिलासपुर - 495009 (छ.ग.)



Guru Ghasidas Vishwavidyalaya
(A Central University Established by the Central Universities Act 2009 No. 25 of 2009)
Koni, Bilaspur - 495009 (C.G.)





CONTENTS

CHAPTER	DESCRIPTION	NO. OF PAGES	
		From	To
1	Non Destructive Testing of Materials	1	13
2	Ultrasonic : Basic Fundamental	14	36
3	Defects in Rail and their Detection by UST	37	46
4	Defects in Wheel and Axle and Detection by UST	47	64
5	Application of Ultrasonic Testing on other Critical Components	65	71
6	Emerging Techniques	72	81
7	Calibration Blocks	82	86
8	Effect of Enviromental & External Factors on Signal Height	87	
9	Training of Personnel in Ultrasonic Testing of Rails and Axles	88	92
10	Appendices	93	129



Certificate ID : VCE/COC13405

Date : 15 Jul 2022

Certificate of Completion

This certificate is awarded to **Mr. VENNA ANJANEYA REDDY** from **GURU GHASIDAS VISHWAVIDYALAYA, BILASPUR, C.G.**, for successfully completing his online internship at M/s Vardhan Consulting Engineers as Engineering Intern during **15 May 2022 to 15 Jul 2022**.

We appreciate his focus towards learning and analyzing about Electric Vehicle – Techno-Commercial Analysis and completing his internship project along with the timely submission of report.

We admire **VENNA ANJANEYA REDDY** 's analytical contribution to VCE through his findings on the project : **“Tech-Commercial Analysis of Case Study of Electrical Auto-Rickshaw (To-To) in India.”**.

During his tenure as Engineering Intern, we found his efforts sincere, meticulous and result oriented.

We wish all the best in his future endeavors.

Swethana Chilla
Sr. Manager - HR & Internship Coordinator

hr@techvardhan.com, +91 979 111 2715



Certificate URL : <https://certificates.techvardhan.com/COC13405>



Vardhan Consulting Engineers

Management Office : 55/108, Soi 11 Sukhumvit, Bangkok, Thailand, corporate@techvardhan.com, +66 972 151 276
Registered Address : Vardhan House, Anand Bazar, Danapur Cantt, Patna, Bihar, India (<https://techvardhan.com/>)



A
SEMINAR REPORT
ON
"TECH COMMERCIAL ANALYSIS OF ELECTRICAL AUTO RICKSHAW(TO-TO)"



DEPARTMENT OF MECHANICAL
ENGINEERING
GURU GHASIDAS VISHWAVIDYALAYA
(A Central University)
Bilaspur(C.G)

Submitted as Seminar Project Work for 7th Semester Of
Bachelor of Technology In
Mechanical Engineering
Submitted By

VENNA ANJANEYA REDDY

Department of Mechanical Engineering
School of Studies of Engineering & Technology

Guru Ghasidas Vishwavidyalaya

Bilaspur (Chhattisgarh)

Session 2022-2023



Table of Contents:

CHAPTER 1 :Introduction.....	
1.1Executive summary.....	
1.2.History.....	
1.3.Overview.....	
1.3.1 working principle.....	
1.3.2 present scenario.....	
1.3.3 present e-rickshaw services.....	
1.3.4 drawbacks of present scenario....	
CHAPTER 2: Classification of E-Rickshaw.....	
2.1.Motorized transport vehicles.....	
2.2.Non-motorized transport vehicles.....	
CHAPTER 3:Comparison.....	
3.1.comparison between auto-rickshaw e-rickshaw.....	
3.2.comparison of motorized three Wheeled vehicles.....	
3.3.comparison of e-rickshaw with other fueled vehicles.....	
3.4.Types of trips made by e-rickshaw.....	
CHAPTER 4: Limitations.....	
4.1.Reasons for using and not using e-rickshaw.....	
4.2.Problems associated with e-rickshaw.	



ENROLLMENT NO.: OSRE/INT/0622/1599



OMSPACE ROCKET AND EXPLORATION PVT LTD.

Ahmedabad, Gujarat

INTERNSHIP CERTIFICATE

This is to certify that

Deepak Kumar Albela

has successfully completed an internship at Omspace Rocket and Exploration Pvt. Ltd. from 15th May 2022 to 15th July 2022.. During this period he has worked on Cryogenic fuel storage tank for Space Launch Vehicle dedicated to small satellite . He was found to be sincere, punctual and hardworking.

Ravindra Raj BM
DIRECTOR



Shyam Sharma
Executive Officer



Issue Date : 22/07/2022



CIN: U29100GJ2020PTC114246
DIPP62717



#startupindia

Any Queries : admin@omspace.in



***Summer Internship Report on
Cryogenic Fuel***



***SCHOOL OF STUDIES IN
ENGINEERING & TECHNOLOGY
GURU GHASIDAS UNIVERSITY
Department:- Mechanical Engineering***

Submitted By:-
Deepak Kumar Albela
Semester:- 7th
Roll no.- 19104422

Submitted To:-
Dr. Anoop Kumar Sahu
(Assistant Professor)



Table of Contents

1. Acknowledgement -----	(i)
2. Preface -----	(ii)
3. Certificate -----	(iii)
4. About Organization -----	(iv)
5. Table of Contents -----	(v)
6. Introduction of Cryogenic -----	1
7. Applications of Cryogenics -----	5
8. Cryogenic Fuels -----	6
9. Cryogenic Fuel Tank -----	9
I. Design Selection -----	11
II. Material Selection -----	15
10. Cryogenic fuel in Rocket -----	21
11. Cryogenic Advantage -----	28
12. How to Produce Cryogenic Temperature-----	31
13. References -----	33



REGIONAL LEARNING INSTITUTE, NTPC, SIPAT

क्षेत्रीयज्ञानार्जनसंस्थान, एनटीपीसी, सीपट

CERTIFICATE OF VOCATIONAL TRAINING 2022

औद्योगिक प्रशिक्षण प्रमाण पत्र 2022

Ref No. RLI/SIPAT/CERT/2022/VT22MECH398

THIS CERTIFICATE IS AWARDED TO

PAGALA ANAND RAJU

VT Roll No – VT22MECH398

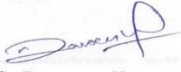
Mechanical Engineering

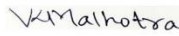
GGU BILASPUR


For satisfactorily completing **Vocational Training at NTPC-Sipat, Bilaspur** for a period of four weeks from 15/06/2022 to 15/07/2022. The participant has successfully completed the course and has also completed the project assigned to him/her as part of this course. We wish him/her a bright and successful future.

This certificate is digitally signed.

Date: 17.07.2022


G. Praveen Kumar
Sr. Manager (RLI)


Vikash Malhotra
DGM (RLI-Simulator)


A K Tripathi
GM & Head (RLI-Simulator)



A
SEMINAR REPORT
ON
"GRAPHICAL DESIGN"



DEPARTMENT OF MECHANICAL ENGINEERING
GURU GHASIDAS VISHWAVIDYALAYA
(A Central University)
Bilaspur (C.G.)

Submitted as Seminar Project Work for 7th Semester

Of
Bachelor of Technology
in
Mechanical Engineering

Submitted By
P.ANAND RAJU

Department of Mechanical Engineering
School of Studies of Engineering & Technology
Guru Ghasidas Vishwavidyalaya
Bilaspur (Chhattisgarh)

Session 2022-2023



CONTENT

1. INTRODUCTION
2. GRAPHIC DESIGN
3. HISTORY AND MODERN OF GRAPHIC DESIGN
4. LOGO DESIGN
5. RULES FOR CREATING A LOGO
6. CONCLUSION
7. REFERENCES



SIVA SANKAR MOTORS PVT. LTD.
Passenger Car Dealer

TATA MOTORS

VISAKHAPATNAM
Date : 03/06/2022

To,
The Manager,
State Bank of India,
Visakhapatnam.

Dear Sir,

Sub: Confirmation of Taining in Workshop – Reg.

This is to certify that Mr.GUNUPURU GOPINATH trained in our organization as mechanical & Technical section From: 04/05/2022 to 04/06/2022(one month)

Nds
04/06/22

Thanking you,
For Siva Sankar Motors Pvt. Ltd.,
Service Manager.

1

SHOWROOM
WORKSHOP
RAJAHMUNDRY
KAMINADA
AMALAPURAM
VIZIANAGARAM
SRIKAKULAM

T.S.N. CORP. Visakhapatnam - 530 018 Ph - 0891-2715152, 2725152 Fax - 2555515
C-24 Road No. 7, Old High Bridge, 104 Area, Industrial Estate, Visakhapatnam-7 Ph - 25555 92 to 99
Fax - 2555594, 92466 91063
110-4 T. S.N. Co. Rajahmundry - 933101 Ph - 9154279339, 9154279340
52-1-422, Amalapuram, Jagannathapuram Ph - 73372 83555
1-117, Main Road, Amalapuram - 533 221 Ph - 73372 83666
Puducherry Nagar, V. Rajanagar, Beside Car Zone, Near Y Junction, Vizianagaram-535 004, Ph. 92467 50355
Beside E. Road, Rajahmundry, NPS Road, Srikakulam, Ph. 52466 40029, 7337 212125



Summer Internship Report



Tata Motors Limited

Siva Sankar Motors Pvt.Ltd

Submitted by: Gunupuru Gopinath
Fourth year B.Tech Mechanical
Engineering, Guru Ghasidas
University,
Bilaspur.

G. Gopinath.
21/09/2022.



S.no	Title	Page no
1	About the company	3
2	Tata Motors	4
3	Introduction	5
4	Engine Type	7
5	Specifications	8
6	Clutch	9
7	Gear box	10
8	Comparison between manual and automatic transmission	11
9	Axles	12
10	Braking system in Tata punch	14
11	EBD	15
12	Wheel and its specifications	16
13	Suspension	17
14	certificate	19





SOUTH EAST CENTRAL RAILWAY, BILASPUR

TO WHOM SO EVER IT MAY CONCERN

It is hereby certified that Mr. MD. SHOYEB AKHTER student of "Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)" has undergone Vocational Industrial Training at BCN Depot and Coaching Complex in Mechanical Department of Bilaspur Division from 09.05.2022 to 08.06.2022.

During the period of training he was very active. He has taken keen interest during the training period and I wish him all success

Date : 


Sr. Divisional Mechanical Engineer
South East Central Railway
Bilaspur (C.G.)
द.प. बिलaspur डिवीजन (फ्रीगट)
Bilaspur (C.G.)



SOUTH EAST CENTRAL RAILWAY, BILASPUR



TO WHOM SO EVER IT MAY CONCERN

It is hereby certified that Mr. AMAN KUMAR YADAV student of "Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)" has undergone Vocational Industrial Training at BCN Depot and Coaching Complex in Mechanical Department of Bilaspur Division from 09.05.2022 to 08.06.2022.

During the period of training he was very active. He has taken keen interest during the training period and I wish him all success.

Date :



Sr. Divisional Mechanical Engineer

South East Central Railway (Zone)

Bilaspur Mechanical Engineering (Freight)

S.E.C. Riv. Bilaspur



SOUTH EAST CENTRAL RAILWAY, BILASPUR




TO WHOM SO EVER IT MAY CONCERN

It is hereby certified that Mr. MADHAV MISHRA student of "Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)" has undergone Vocational Industrial Training at BCN Depot and Coaching Complex in Mechanical Department of Bilaspur Division from 09.05.2022 to 08.06.2022.

During the period of training he was very active. He has taken keen interest during the training period and I wish him all success.

Date :




08/06/2022
Sr. Divisional Mechanical Engineer
South East Central Railway (फ.र.)
Sr. Divi. Mech. Engineer (Freight)
Bilaspur (C.G.)
S. E. C. Ry. Bilaspur



VOCATIONAL TRAINING REPORT
ON
OVERHAULING OF COACHES AND WAGONS
AT
SOUTH EAST CENTRAL RAILWAY, BILASPUR



BY

MD SHOYEB AKHTER – 19104441
AMAN KUMAR YADAV – 19104409
NITESH SINGH – 19104446
PUNEET KUMAR GOND – 19104452
MADHAV MISHRA – 19104437



BACHELOR OF TECHNOLOGY

IN

MECHANICAL ENGINEERING

DEPARTMENT OF MECHANICAL ENGINEERING
SCHOOL OF STUDIES AND TECHNOLOGY, CHHATISHGARH
MAY-JUNE 2022



Table of Content

1. Certificate	1
2. Acknowledgement	3
3. Preface	4
4. Introduction	6
5. About Railway	7
6. BCN Coach Depot	7
7. CHG Care Center	25
8. Conclusion	33
9. References	34



REGIONAL LEARNING INSTITUTE, NTPC, SIPAT

क्षेत्रीयज्ञानार्जनसंस्थान, एनटीपीसी, सीपत

CERTIFICATE OF VOCATIONAL TRAINING 2022

औद्योगिक प्रशिक्षण प्रमाण पत्र 2022

Ref No. RLI/SIPAT/CERT/2022/VT22MECH387

THIS CERTIFICATE IS AWARDED TO

N.Bheemarao Ramji

VT Roll No – VT22MECH387

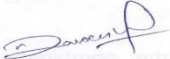
Mechanical Engineering

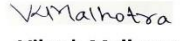
GGU BILASPUR

For satisfactorily completing **Vocational Training at NTPC-Sipat, Bilaspur** for a period of four weeks from 15/06/2022 to 15/07/2022. The participant has successfully completed the course and has also completed the project assigned to him/her as part of this course. We wish him/her a bright and successful future.

This certificate is digitally signed.

Date: 17.07.2022


G. Praveen Kumar
Sr. Manager (RLI)


Vikash Malhotra
DGM (RLI-Simulator)


A K Tripathi
GM & Head (RLI-Simulator)



Project Report submitted as part of
Vocational Training Program (VT 2022)

to

NTPC Regional Learning Institute (RLI) SIPAT

Topic

Boiler tube leakages in thermal power plants - causes and remedies

Submitted by Group Mech 10 comprising Of

SAURABH KUMAR, Guru Ghasidas Vishwavidyalaya Institute Of Technology , VT22MECH383

SAKET GUPTA, Shri Shankaracharya Technical Campus , VT22MECH384

LUKESH KUMAR , Shree shankracharya technical campus, bhilai VT22MECH385

BISWA JEET SETHI Glet University, VT22MECH386

N.BHEEMARAO RAMJI Guru Ghasidas vishwavidyalaya VT22MECH387

VEERAMALLA CHARAN KUMAR Guru Ghasidas Vishwavidyalay VT22MECH388

SHUBHAM KUMAR Guru ghasidas University VT22MECH389

TANUSHREE SAHOO Odisha University of Technology and Research, VT22MECH390

DIBYAPRATIK SWAIN Odisha University of Technology and Research VT22MECH391

AMIT SIKDAR Odisha University of Technology and Research, VT22MECH392



A Maharatna Company



A
SEMINAR REPORT
ON
“BOILER TUBE LEAKAGES IN THERMAL POWER PLANTS”



DEPARTMENT OF MECHANICAL ENGINEERING

GURU GHASIDAS VISHWAVIDYALAYA

(A Central University)

Bilaspur (C.G)

Submitted as Seminar Project Work for 7th Semester

Of

Bachelor of Technology

In

Mechanical Engineering

Submitted By

N. BHEEMARAO RAMJI (18104024)

V. CHARAN KUMAR (18104054)

Department of Mechanical Engineering

School of Studies of Engineering & Technology

Guru Ghasidas Vishwavidyalaya, Bilaspur(Chhattisgarh)

Session 2022-2023



Project Report submitted as part of
Vocational Training Program (VT 2022)

to

NTPC Regional Learning Institute (RLI) SIPAT

Topic

Boiler tube leakages in thermal power plants - causes and remedies

Submitted by Group Mech 10 comprising Of

SAURABH KUMAR, Guru Ghasidas Vishwavidyalaya Institute Of Technology , VT22MECH383

SAKET GUPTA, Shri Shankaracharya Technical Campus , VT22MECH384

LUKESH KUMAR , Shree shankracharya technical campus, bhilai VT22MECH385

BISWA JEET SETHI Glet University, VT22MECH386

N.BHEEMARAO RAMJI Guru Ghasidas vishwavidyalaya VT22MECH387

VEERAMALLA CHARAN KUMAR Guru Ghasidas Vishwavidyalay VT22MECH388

SHUBHAM KUMAR Guru ghasidas University VT22MECH389

TANUSHREE SAHOO Odisha University of Technology and Research, VT22MECH390

DIBYAPRATIK SWAIN Odisha University of Technology and Research VT22MECH391

AMIT SIKDAR Odisha University of Technology and Research, VT22MECH392



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CONTENTS

Introduction

Chapter 1

Introduction to thermal power plants and boilers

Chapter 2

Boiler tube leakages

Chapter 3

Data and Reports

Chapter 4

Remedial measures

Chapter 5

Case Studies

Chapter 6

Analysis

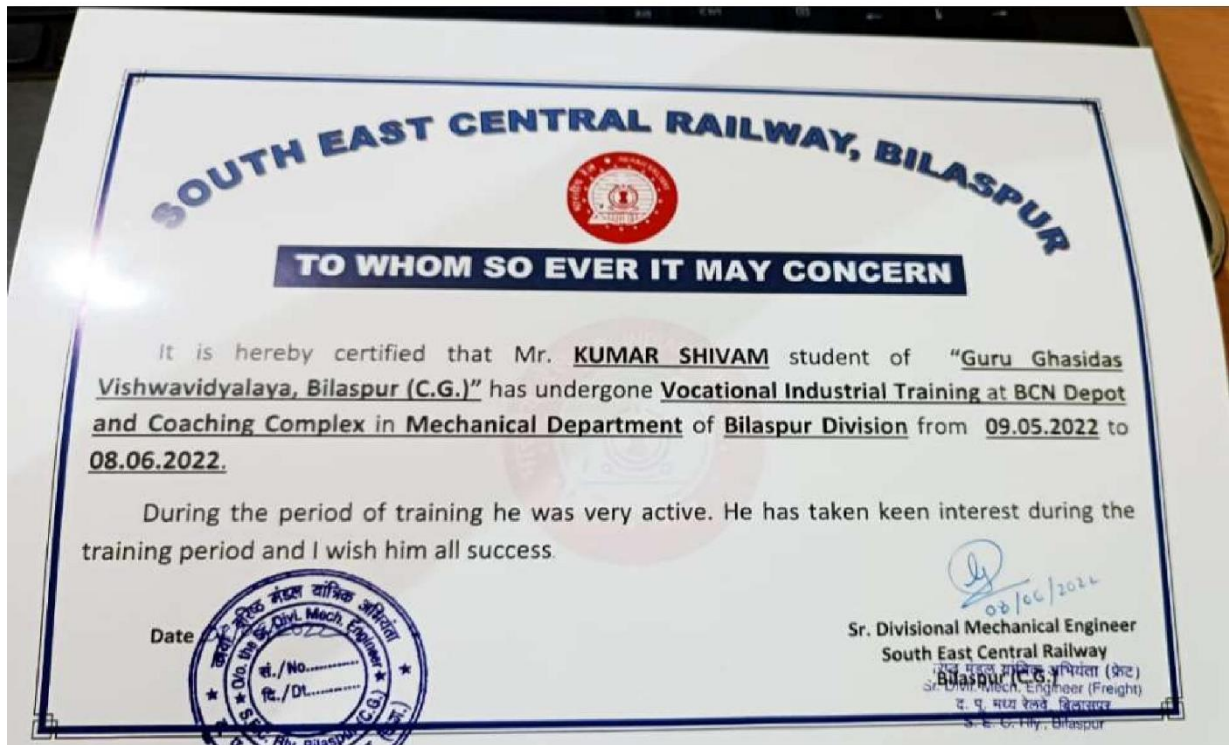
Chapter 7

Maintenance

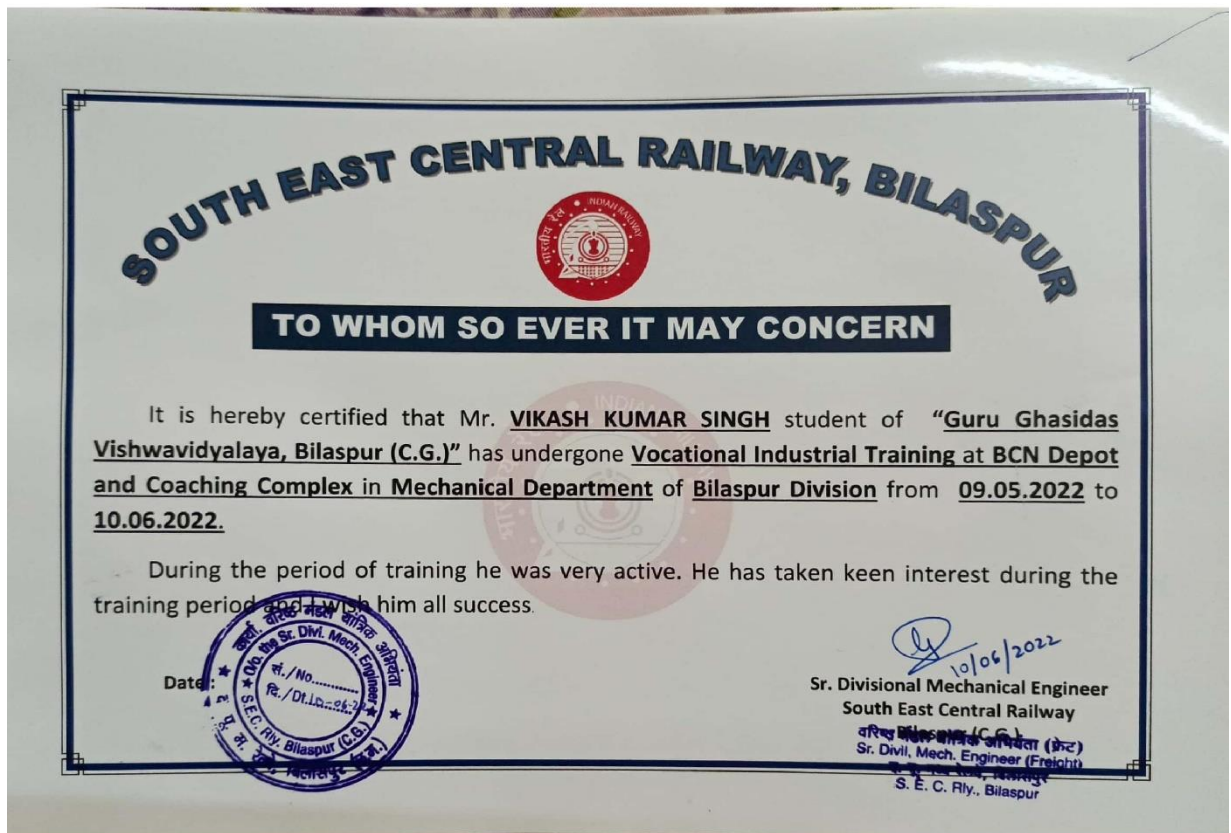
Chapter 8

New technology for detection

Conclusion









VOCATIONAL TRAINING REPORT
ON
OVERHAULING OF COACHES AND WAGONS
AT
SOUTH EAST CENTRAL RAILWAY, BILASPUR



BY

KUMAR SHIVAM - 19104434
JYOTI PRAKASH - 1910432
UJJAWAL SINGH - 19104470
VIKASH SINGH - 19104473



BACHELOR OF TECHNOLOGY

IN

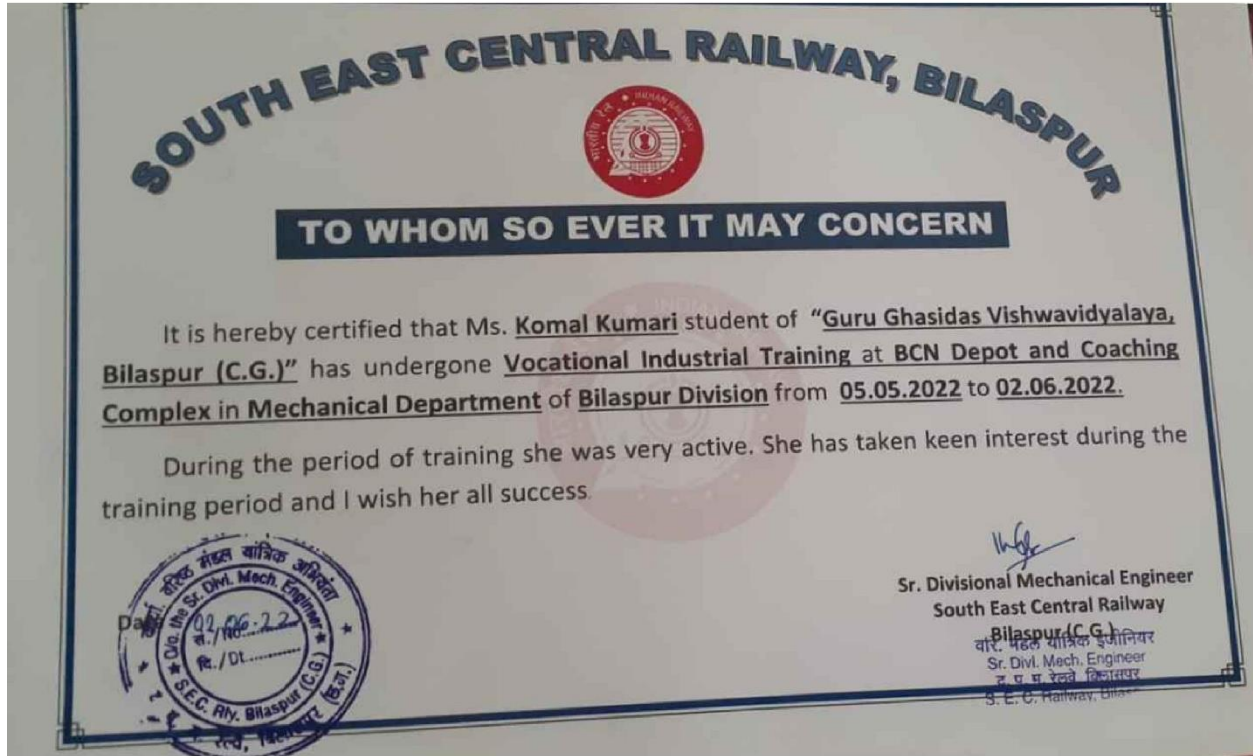
MECHANICAL ENGINEERING

DEPARTMENT OF MECHANICAL ENGINEERING
SCHOOL OF STUDIES AND TECHNOLOGY, CHHATISHGARH
MAY-JUNE 2022



Table of Content

1. Certificate	1
2. Acknowledgement	3
3. Preface	4
4. Introduction	6
5. About Railway	7
6. BCN Coach Depot	7
7. CHG Care Center	25
8. Conclusion	33
9. References	34





SOUTH EAST CENTRAL RAILWAY, BILASPUR



TO WHOM SO EVER IT MAY CONCERN

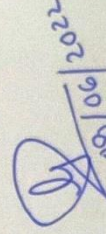
It is hereby certified that Mr. Abhijeet Kumar student of "Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)" has undergone Vocational Industrial Training at BCN Depot and Coaching Complex in Mechanical Department of Bilaspur Division from 09.05.2022 to 08.06.2022.

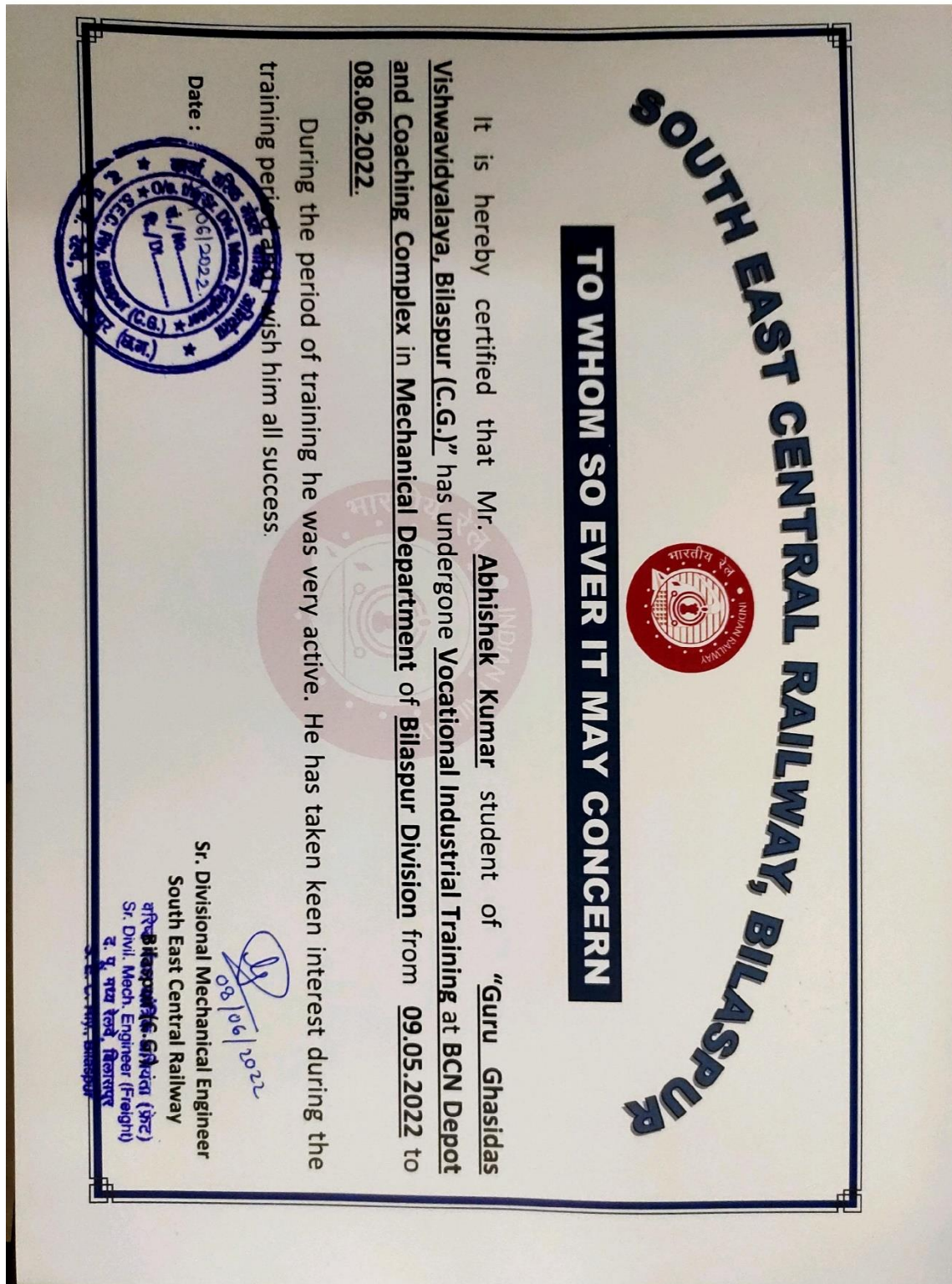
During the period of training he was very active. He has taken keen interest during the training period and I wish him all success.



Date

Sr. Divisional Mechanical Engineer
South East Central Railway
Bilaspur (C.G.)leer (Freight)
द. पू. मय्य रेलवे, बिलासपुर


06/06/2022





INDUSTRIAL TRAINING REPORT
ON
INDIAN RAILWAY
AT SECR BILASPUR

COLLEGE:- INSTITUTE OF TECHNOLOGY, GURU
GHASIDAS VISHWAVIDYALAYA (A
CENTRAL UNIVERSITY), BILASPUR
(C.G.)

BRANCH:- MECHANICAL ENGINEERING

SUBMITTED BY:-

1. HEENA KUMARI *Heena*
2. KOMAL KUMARI *Komal Kumari*
3. ABHISHEK KUMAR *Abhishek K.*
4. ABHIJEET KUMAR *Abhijeet K.*
5. AVINASH RAJ *Avinash Raj*

SUBMITTED TO:-

Dr Anoop Sahu



Table of Content

1. Certificate	1
2. Acknowledgement	3
3. Preface	4
4. Introduction	6
5. About Railway	7
6. BCN Coach Depot	7
7. CHG Care Center	25
8. Conclusion	33
9. References	34



BABA AUTOMOBILE PVT LTD

An ISO 9001: 2015 Certified Company

www.BabaAutomobile.com

Registered in MINISTRY OF MICRO, SMALL & MEDIUM ENTERPRISES

HRINTR2022SUM0102

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr/Ms. **Vasi Rahul** a student of Third year B.E / B.Tech (Mechanical Engineering) from **GGV Central University - Bilaspur** has successfully Completed 30 days Automobile Training / Internship from **10-05-2022** to **10-06-2022** in our Company Baba Automobile Private Limited.

Our company provides effort to expose recent technologies and gain experience in real automobile working environment. During the training period his/her work & conduct was found good. We wish him/her all the success in his/her future endeavors.



Issued by
Baba Automobile

Baba Automobile Pvt. Ltd

BABA AUTOMOBILE PRIVATE LIMITED 19, NAND VIHAR, PRATAP NAGAR, JAIPUR (RAJ.)

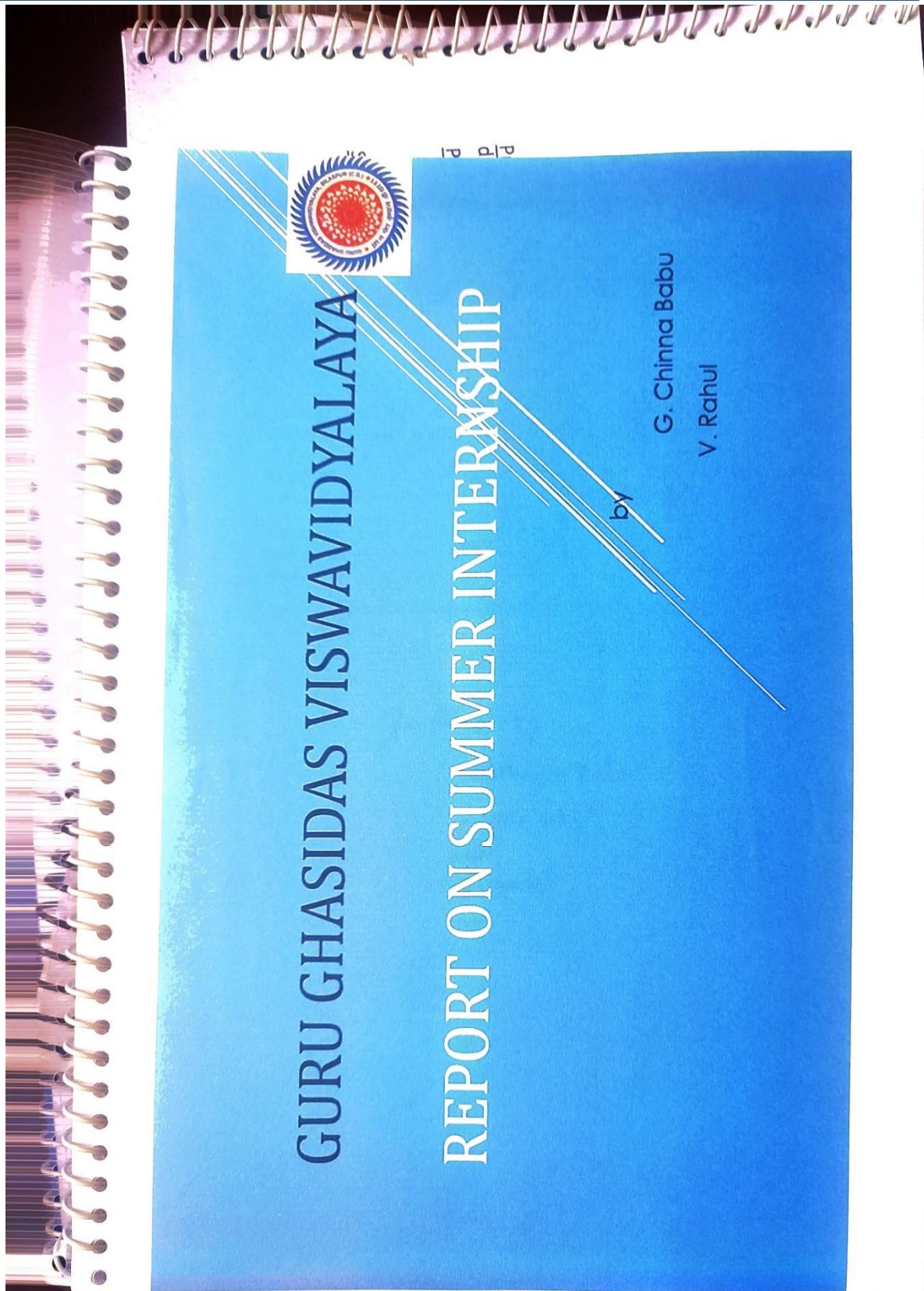
Website: www.BabaAutomobile.com Email: info@babaautomobile.com Phone : +91-8769405920

BENGALURU / BHOPAL / PUNE / NOIDA / JAIPUR / MUMBAI / UDAIPUR

गुरु घासीदास विश्वविद्यालय
(केन्द्रीय विश्वविद्यालय अधिनियम 2009 क्र. 25 के अंतर्गत स्थापित केन्द्रीय विश्वविद्यालय)
कोनी, बिलासपुर - 495009 (छ.ग.)



Guru Ghasidas Vishwavidyalaya
(A Central University Established by the Central Universities Act 2009 No. 25 of 2009)
Koni, Bilaspur - 495009 (C.G.)





Indian Institute of Science, Bangalore
Department of Materials Engineering

Summer Internship

11th may 2022 to 07th July 2022

Project Name: Effect of process parameter on the quality of 17-4 PH sample produced by direct energy deposition

Project Guide: Dr. Surendra Kumar Makineni,
assistant professor

department of materials engineering, IISc Bangalore
Submitted by: Bhukya Kalyan Nayak.

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INDEX

Sr. no.	Title	Page no
1	Additive manufacturing	4
2	Directed Energy Deposition	5
3	17-4 PH precipitate hardening alloy	7
(i)	Polishing	
(ii)	Optical Microscopy	
(iii)	Porosity	12
4	Porosity	
5	Vickers Hardness Test	14
6	Tensile Test	15
7	Scanning Electron Microscope	16
8	Conclusion	17
9	References	18



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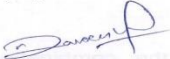
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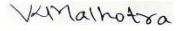
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G. Praveen Kumar
Sr. Manager (RLI)


Vikash Malhotra
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A K Tripathi
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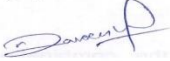
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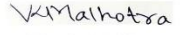
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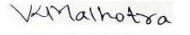
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Project Report submitted as part of Vocational Training
Program (VT 2022)

To

Department of Mechanical Engineering, GGV

Topic

**DIFFERENT KINDS OF AIR PRE HEATERS-IN POWER
PLANTS**

Submitted by Group 26

Comprising of;

Vikash Kumar Shrivastava, 18104057

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Table of Contents

ACKNOWLEDGEMENT	2
Abstract	3
Introduction	6
NTPC Overview	6
About NTPC Sipat	6
About Air preheaters	7
Chapter 1:.....	8
Boilers	8
Chapter 2:.....	9
Types of Boilers	9
Shell tube boilers	9
Water tube boilers	9
Chapter 3:.....	10
Boiler Efficiency.....	10
Chapter 4:.....	11
Air preheaters	11
Working of Air Preheater	11
Location of air preheater in a boiler	12
Chapter 5:.....	13
Types of air preheater in a boiler.....	13
Chapter 6:.....	20
Evolution of performance of Primary and Secondary Air preheaters	20
AIR PRE-HEATER PERFORMANCE TEST	21
Air heater Performance Indices	23
OBSERVATIONS	25
Interpretation	27
Chapter 7:.....	28
Material of Manufacture	28
Testing of Heating elements	29
Chapter 8:.....	30
Advantages.....	30
Disadvantage.....	30
Chapter 9:.....	31
Conclusion.....	31