

SUMMER INTERNSHIP REPORT- 2023
BANARAS LOCOMOTIVE WORKS
VARANASI-221004



SUBMITTED TO PRINCIPAL
TECHNICAL TRAINING CENTRE, BLW VARANASI

SUBMITTED BY:

NAM E HEMENT KUAMR KAUSHAL

REGISTRATION NO 2023OF0165

TRAINING DURATION 4 WEEKS (05-072023 To 01-08-2023)

COURSE: B. TECH YEAR: 3RD YEAR

BRANCH NAME: MECHANICAL ENGINEERING

COLLEG EKASHI INSTITUTE OF TECHNOLOGY, MIRZAMURAD VARANASI





Indian Railways
Banaras Locomotive Works
Varanasi – 221004



Regd.No.: V00C/2023OF0165

CERTIFICATE

This is to certify that **Ms./Mr. HEMANT KUMAR KAUSHAL** student of 3rd year *B.Tech* in *Mechanical Engineering* from **KASHI INSTITUTE OF TECHNOLOGY, VARANASI** has undergone summer internship at **Banaras Locomotive Works, Varanasi w.e.f. 05-Jul-2023 to 01-Aug-2023. Area of the internship undertaken by Ms./Mr. HEMANT KUMAR KAUSHAL was LTS, LAS, TMS and HWS. A copy of the report is annexed with this Certificate.**

His / Her performance and conduct during the training was good. We wish him/her success in life.

Date : 01-Aug-2023

(Dr. Bipin Kumar Srivastava)
IRSMIE
AME/Trg.
Technical Training Centre



(Jitendra Agrawal)
IRSMIE
Principal
Technical Training Centre



TECHNICAL TRAINING CENTER

Banaras Locomotive Works, Varanasi-221004

(Gate Pass)

365



Session

2023-24

Registration No.

20230F 0165

Name

Hamant Kumar Koushal

Father Name

Sudesh Jogi

Email

hamantkumar75760@gmail.com

Sex

Male

DOB

10/06/2001

Course Name
(U.L./Branch / Diploma)

B.Tech

Year in Studying
(2nd / 3rd Year)

2nd

College Name with
City Name

Kashmir Institute of
Technology Mirzapore
Varanasi

Group Name

Mechanical

Branch Name

Mechanical Engineering

Training Month

July

Training Duration
(in Weeks)

4 week

FOR OFFICE USE ONLY

Training Time

09:00 Hrs. - 11:00 Hrs.

13:00 Hrs. - 15:00 Hrs.

From:

05/07/23

To:

01/08/2023

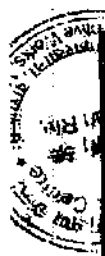
Training Area

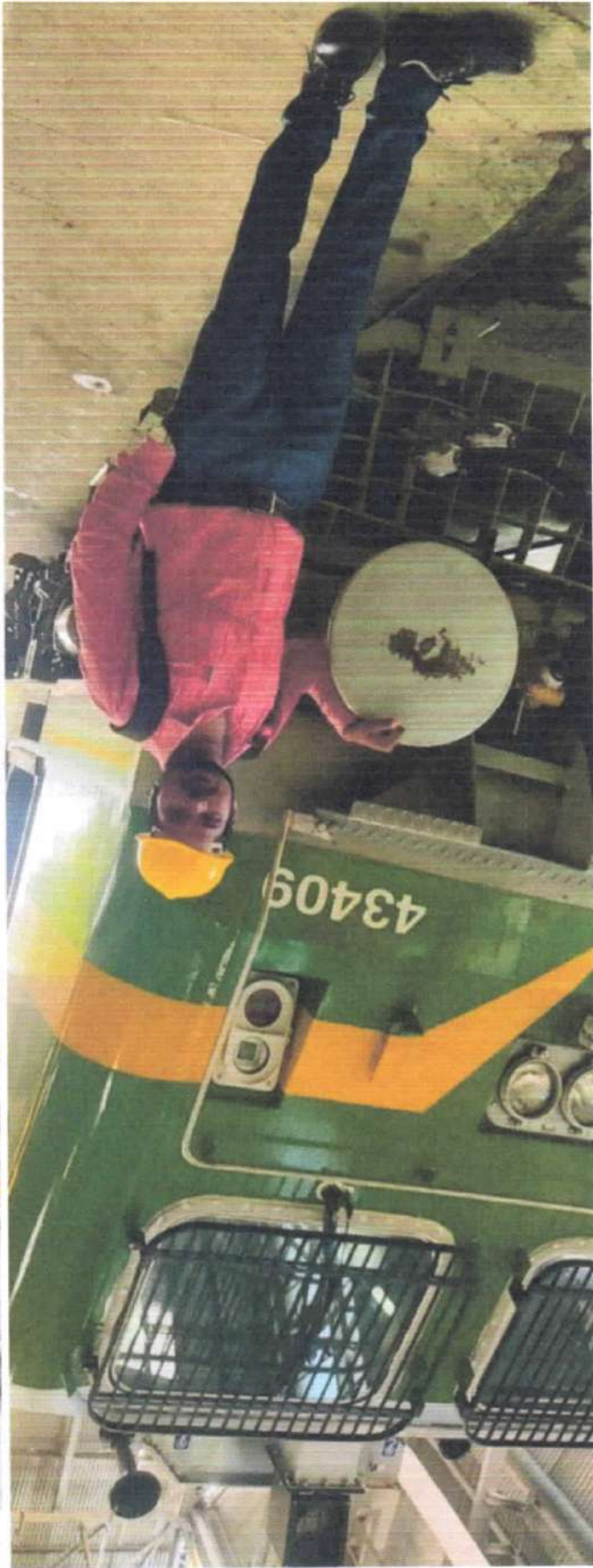
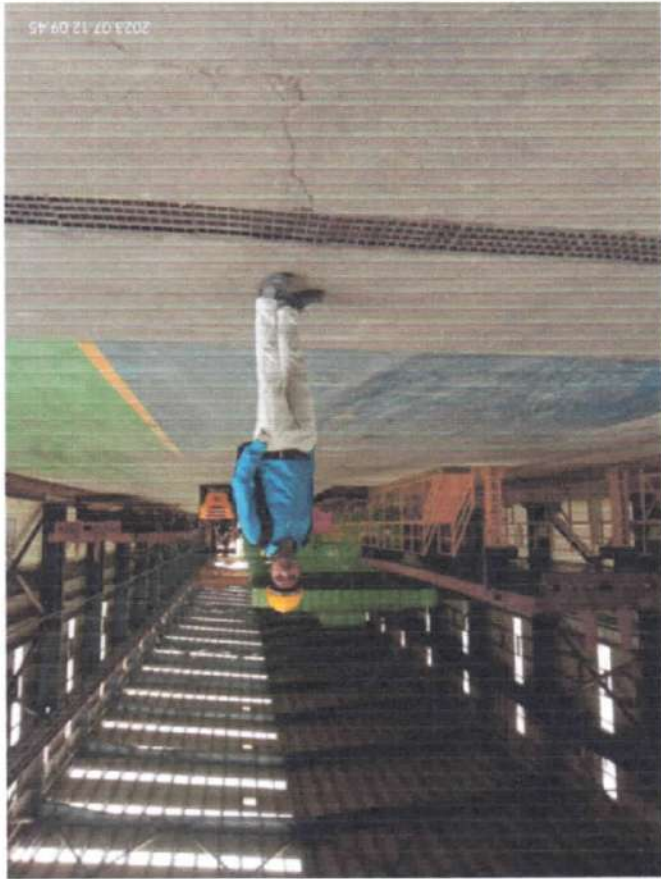
Handwritten notes:
56/175
PL HO m...
55/175
LTS, LRS, TRS, HRS
26/7/23
26/7/23

Signature of Training In-charge



Hamant K
Koushal
(student's sign)





SUMMER INTERNSHIP REPORT- 2023

BANARAS LOCOMOTIVE WORKS

Varanasi -221004, U.P.



SUBMITTED TO
PRINCIPAL

TECHNICAL TRAINING CENTRE
BLW VARANASI

SUBMITTED BY :-



NAME – SONU YADAV

REGISTRATION – 2023OF0172

TRAINING DURATION – 05 JULY 2023 TO 01 AUGUST 2023(4 WEEK)

COURSE – B.Tech

BRANCH – MECHANICAL ENGINEERING

YEAR – 3rd YEAR

COLLEGE NAME – KASHI INSTITUTE OF TECHNOLOGY,

MIRZAMURAD, VARANASI

TECHNICAL TRAINING CENTER

Banaras Locomotive Works, Varanasi-221004

(Gate Pass)



389

प्रमाणित

Session

2023-24

Registration No.

20230F0112

Name

Sonu Yadav

Father Name

Mr. Brijou Yadav

Email

gy668379@gmail.com

(Student's Sign)

Sonujadav

Sex

9335428802

DOB

26/01/2002

Course Name

B.Tech

Year & Studying

3rd Year

College Name with

Kash's Institute of Technology
Varanasi

Group Name

Mechanical

Training Month

July

Training Duration

4 weeks

Branch Name

Mechanical Engg.

FOR OFFICE USE ONLY

हल वेट्रोल ओके कार्ड

Training Time

Morning: 09:00 Hrs. - 11:00 Hrs.

Afternoon:

13:00 Hrs. - 15:00 Hrs.

Training Date

05/07/2023

To:

01/08/2023

Training Area

Rotary, CMT LAB, IIMS TMS
Varanasi



Signature of Training Manager

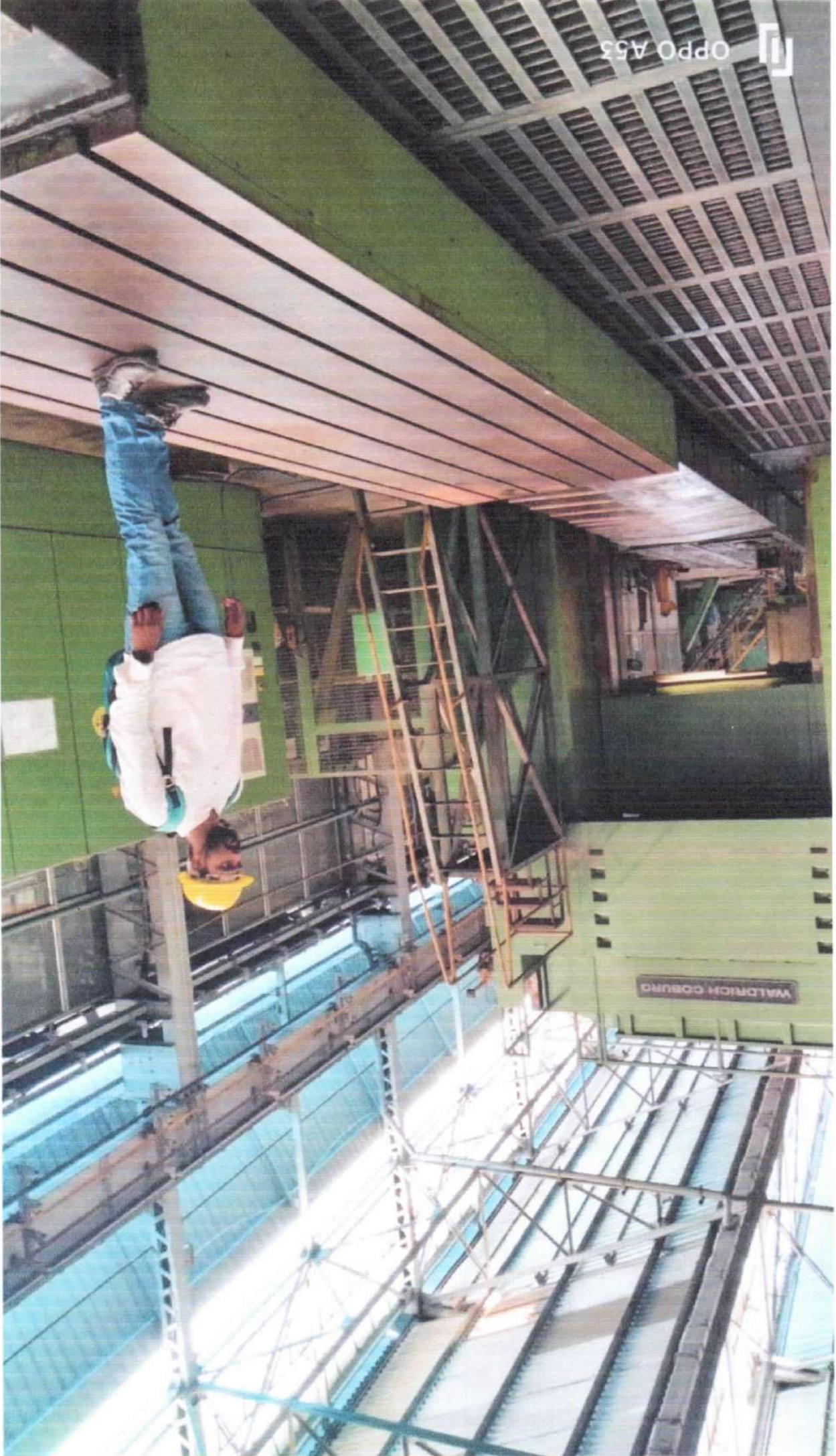
TECHNICAL TRAINING CENTER

Bureau of Promotive Works, Caracas-221004

ATTENDANCE SHEET



Name of Trainee	Room No.	Group	Date	Signature of Trainee	Signature of Instructor	Day	Time	Remarks
Sonu Yadav	20230F 172	Rotar	05/07/23	[Signature]	[Signature]	Wednesday	08:00 AM	
			07/07/23	[Signature]	[Signature]	Friday	08:00 AM	
			10/07/23	[Signature]	[Signature]	Monday	08:00 AM	
			11/07/23	[Signature]	[Signature]	Tuesday	08:00 AM	
			12/07/23	[Signature]	[Signature]	Wednesday	08:00 AM	
			13/07/23	[Signature]	[Signature]	Thursday	08:00 AM	
			14/07/23	[Signature]	[Signature]	Friday	08:00 AM	
			17/07/23	[Signature]	[Signature]	Monday	08:00 AM	
			18/07/23	[Signature]	[Signature]	Tuesday	08:00 AM	
			21/07/23	[Signature]	[Signature]	Friday	08:00 AM	
			22/07/23	[Signature]	[Signature]	Saturday	08:00 AM	
			23/07/23	[Signature]	[Signature]	Sunday	08:00 AM	
			25/07/23	[Signature]	[Signature]	Tuesday	08:00 AM	
			26/07/23	[Signature]	[Signature]	Wednesday	08:00 AM	
			28/07/23	[Signature]	[Signature]	Friday	08:00 AM	
			31/07/23	[Signature]	[Signature]	Monday	08:00 AM	
			01/08/23	[Signature]	[Signature]	Tuesday	08:00 AM	



OPPO A53



WALDRICH COBURG



Regd.No.: VDC/29210/F172

Indian Railways
Banaras Locomotive Works
Varanasi - 221004



CERTIFICATE

This is to certify that **Mr. SONU YADAV** student of 3rd year B.Tech in Mechanical Engineering from **KASHI INSTITUTE OF TECHNOLOGY, VARANASI** has undergone summer internship at Banaras Locomotive Works, Varanasi w.e.f. **05-Jul-2023 to 01-Aug-2023**. Area of the internship undertaken by **Mr. SONU YADAV** was **ROTOR, CMT LAB, HMS and TMS**. A copy of the report is annexed with this Certificate.

His / Her performance and conduct during the training was good. We wish him/her success in life.

Date : 01-Aug-2023

(Dr. Bipin Kumar Srivastava)
IRSM

AME/Trg.
Technical Training Centre



(Jitendra Agrawal)
Principal
IRSM
Technical Training Centre

SUMMER INTERNSHIP REPORT- 2023

BANARAS LOCOMOTIVE WORKS

Varanasi -221004, U.P.



SUBMITTED TO
PRINCIPAL

TECHNICAL TRAINING CENTRE
BLW VARANASI

SUBMITTED BY :-

NAME – RAHUL VERMA

REGISTRATION – 2023OF0183

TRAINING DURATION – 06 JULY 2023 TO 02 AUGUST 2023(4 WEEK)

COURSE – B.Tech

BRANCH – MECHANICAL ENGINEERING

YEAR – 3rd YEAR

**COLLEGE NAME – KASHI INSTITUTE OF TECHNOLOGY,
MIRZAMURAD, VARANASI**



02/08/2023
Rahul Verma



Indian Railways

Banaras Locomotive Works

Varanasi – 221004



INDIA 2023

LEAD AND TRAINING FOR WORLD CLASS PERFORMANCE



75
Azadi Ka
Amrit Mahotsav

Regd.No.: VOC/2023OF0183

CERTIFICATE

This is to certify that ~~Ms./~~Mr. RAHUL VERMA student of 3rd year B.Tech in Mechanical Engineering from **KASHI INSTITUTE OF TECHNOLOGY, VARANASI** has undergone summer internship at **Banaras Locomotive Works, Varanasi** w.e.f. **06-Jul-2023 to 02-Aug-2023**. Area of the internship undertaken by ~~Ms./~~Mr. RAHUL VERMA was ROTOR, CMT LAB, HWS and TMS. A copy of the report is annexed with this Certificate.

His / ~~Her~~ performance and conduct during the training was good. We wish him/~~her~~ success in life.

Date : 02-Aug-2023

(Dr. Bipin Kumar Srivastava)

IRSME

AME/Trg.

Technical Training Centre



(Jitendra Agrawal)

IRSME

Principal

Technical Training Centre

रहित वरत



410

TECHNICAL TRAINING CENTER

Banaras Locomotive Works, Varanasi-221004

(Gate Pass)



Session

2023-24

Registration No.

20230F 0183

Name

Rahul Verma

Father Name

Kamlesh Choud Verma

Email

rahulverma1722@gmail.com

Rahul Verma
(Student's Sign)

Sex

Male

DOB

15/03/2000

Course Name
(B.Tech / Tech / Diploma)

B-Tech

College Name with
City Name

Kashi Institute
of Technology
Varanasi

Training Month

July

Training Duration
(In Weeks)

4 weeks

Branch Name

Mechanical Engineering

Group Name

Mechanical

Year in Studying
(2nd / 3rd Year)

3rd year

Aadhar No

500782600112

Mobile No

6388919374

Training Time

09:00 Hrs. - 11:00 Hrs.

Afternoon:

13:00 Hrs. - 15:00 Hrs.

Training Date

06/07/23

From:

To:

02/08/2023

Training Area

ROTOR, (M) LRP
15/07/23
HWS, TMS
20/7/23
30/7/23

Signature of Training Incharge



TECHNICAL TRAINING CENTER

Banaras Locomotive Works, Varanasi-221004
(Gate Pass)



Rahul Verma
(Student's Sign)

Rahul Verma
Kinsh chand Verma
rahulverma713@gmail.com

6388919374

Mobile No

500782600112

Aadhar No

3rd year

Year in Studying

Mechanical

Group Name

Mechanical Engineering

Branch Name

4 weeks

Training Duration (in Weeks)

Registration No

20230F 0183

Name

Father Name

Email

Male

Sex

15/03/2000

DOB

B-tech

Course Name

Kashi Institute
of Technology,
Varanasi

College Name with
City Name

July

Training Month

FOR OFFICE USE ONLY

Training Time

09:00 Hrs - 11:00 Hrs

From:

06/07/23

Training Date

To:

02/08/2023

Afternoon:

13:00 Hrs - 15:00 Hrs

Training Area

BOTDR

CM7 LAB

HMS, TMS



Handwritten notes and signatures in blue ink, including dates like 20/7/23 and 21/7/23.

15/07/23

Handwritten notes and dates in blue ink.



Indian Railways

Banaras Locomotive Works

Varanasi – 221004



75
Azadi Ka
Amrit Mahotsav

Regd.No.: VOC/2023OF0166

CERTIFICATE

This is to certify that **MS./Mr. RAJ KESHARI** student of 3rd year *B.Tech in Mechanical Engineering* from **KASHI INSTITUTE OF TECHNOLOGY, VARANASI** has undergone summer internship at **Banaras Locomotive Works, Varanasi** w.e.f. **05-Jul-2023 to 01-Aug-2023**. Area of the internship undertaken by **MS./Mr. RAJ KESHARI** was **ETS, TMS, PS and LMS**. A copy of the report is annexed with this Certificate.

His / Her performance and conduct during the training was good. We wish him/her success in life.

Date : 01-Aug-2023

(Dr. Bipin Kumar Srivastava)
IRSME

AME/Trg.
Technical Training Centre



(Jitendra Agrawal)
IRSME
Principal
Technical Training Centre

TECHNICAL TRAINING CENTER

Banaras Locomotive Works, Varanasi-221004

(Gate Pass)



364

Session

2023-24

Registration No.

20230F 0166

Name

Raj Keshari

Father Name

Suresh Kumar

Email

viraj777@gmail.com

(Student's Sign)

Raj Keshari

Sex

Male

DOB

29/08/2002

Aadhar No

9319 9127 0372

Course Name

B.Tech.

Year of Studying

3rd Year

College Name with

Kashy Institute of

Course Name

Mechanical

City Name

Technology Varanasi

Branch Name

Mechanical Engineering

Training Month

July

Training Duration
(In Weeks)

4 weeks

FOR OFFICE USE ONLY

Training Time

09:00 Hrs. - 11:00 Hrs.

Afternoon

From:

05/07/23

To:

01/08/2023

Training Area

~~ETIS, TMS, PS~~
~~AKS, LMS~~
~~26/07/23~~
~~26/07/23~~



Signature of Training Incharge



TECHNICAL TRAINING CENTER
Banaras Locomotive Works, Varanasi-221004
ATTENDANCE SHEET



Name of Trainee:		Reg. No.:		Shop Name:	
Raj Keshari		20230F 0166		Shop Name	
Day	Date	Signature of Concerned SSE	Shop Name	Day	Date
Wed (T) Trn	05-07-2023	[Signature]	TMS/04	Monday	16/7/2023
Thu	07/7/23	[Signature]		Tuesday	17/7/2023
Wed (Tns)	13/07/2023	[Signature]		Mon	18/07/2023
Thu (Tns)	14/07/2023	[Signature]		Tue	
Wed	19/07/2023	[Signature]		Monday	24/07/23
Thu	20/07/23	[Signature]		Tue	25/07/23
Wed	26/07/23	[Signature]		Monday	31/07/23
Thu	27/07/23	[Signature]		Tue	01/08/23
Shop Name					
Day	Date	Signature of Concerned SSE	Shop Name	Day	Date
Wed	01/08/23	[Signature]		Monday	06/08/23
Thu	02/08/23	[Signature]		Tuesday	07/08/23
Shop Name					
Day	Date	Signature of Concerned SSE	Shop Name	Day	Date
Wed	08/08/23	[Signature]		Monday	13/08/23
Thu	09/08/23	[Signature]		Tuesday	14/08/23
Shop Name					
Day	Date	Signature of Concerned SSE	Shop Name	Day	Date
Wed	15/08/23	[Signature]		Monday	20/08/23
Thu	16/08/23	[Signature]		Tuesday	21/08/23
Shop Name					
Day	Date	Signature of Concerned SSE	Shop Name	Day	Date
Wed	22/08/23	[Signature]		Monday	27/08/23
Thu	23/08/23	[Signature]		Tuesday	28/08/23
Shop Name					
Day	Date	Signature of Concerned SSE	Shop Name	Day	Date
Wed	29/08/23	[Signature]		Monday	03/09/23
Thu	30/08/23	[Signature]		Tuesday	04/09/23
Shop Name					
Day	Date	Signature of Concerned SSE	Shop Name	Day	Date
Wed	05/09/23	[Signature]		Monday	10/09/23
Thu	06/09/23	[Signature]		Tuesday	11/09/23
Shop Name					
Day	Date	Signature of Concerned SSE	Shop Name	Day	Date
Wed	12/09/23	[Signature]		Monday	17/09/23
Thu	13/09/23	[Signature]		Tuesday	18/09/23
Shop Name					
Day	Date	Signature of Concerned SSE	Shop Name	Day	Date
Wed	19/09/23	[Signature]		Monday	24/09/23
Thu	20/09/23	[Signature]		Tuesday	25/09/23
Shop Name					
Day	Date	Signature of Concerned SSE	Shop Name	Day	Date
Wed	26/09/23	[Signature]		Monday	01/10/23
Thu	27/09/23	[Signature]		Tuesday	02/10/23
Shop Name					
Day	Date	Signature of Concerned SSE	Shop Name	Day	Date
Wed	03/10/23	[Signature]		Monday	08/10/23
Thu	04/10/23	[Signature]		Tuesday	09/10/23
Shop Name					
Day	Date	Signature of Concerned SSE	Shop Name	Day	Date
Wed	10/10/23	[Signature]		Monday	15/10/23
Thu	11/10/23	[Signature]		Tuesday	16/10/23
Shop Name					
Day	Date	Signature of Concerned SSE	Shop Name	Day	Date
Wed	17/10/23	[Signature]		Monday	22/10/23
Thu	18/10/23	[Signature]		Tuesday	23/10/23
Shop Name					
Day	Date	Signature of Concerned SSE	Shop Name	Day	Date
Wed	24/10/23	[Signature]		Monday	29/10/23
Thu	25/10/23	[Signature]		Tuesday	30/10/23
Shop Name					
Day	Date	Signature of Concerned SSE	Shop Name	Day	Date
Wed	31/10/23	[Signature]		Monday	05/11/23
Thu	01/11/23	[Signature]		Tuesday	06/11/23
Shop Name					
Day	Date	Signature of Concerned SSE	Shop Name	Day	Date
Wed	07/11/23	[Signature]		Monday	12/11/23
Thu	08/11/23	[Signature]		Tuesday	13/11/23
Shop Name					
Day	Date	Signature of Concerned SSE	Shop Name	Day	Date
Wed	14/11/23	[Signature]		Monday	19/11/23
Thu	15/11/23	[Signature]		Tuesday	20/11/23
Shop Name					
Day	Date	Signature of Concerned SSE	Shop Name	Day	Date
Wed	21/11/23	[Signature]		Monday	26/11/23
Thu	22/11/23	[Signature]		Tuesday	27/11/23
Shop Name					
Day	Date	Signature of Concerned SSE	Shop Name	Day	Date
Wed	28/11/23	[Signature]		Monday	03/12/23
Thu	29/11/23	[Signature]		Tuesday	04/12/23
Shop Name					
Day	Date	Signature of Concerned SSE	Shop Name	Day	Date
Wed	05/12/23	[Signature]		Monday	10/12/23
Thu	06/12/23	[Signature]		Tuesday	11/12/23
Shop Name					
Day	Date	Signature of Concerned SSE	Shop Name	Day	Date
Wed	12/12/23	[Signature]		Monday	17/12/23
Thu	13/12/23	[Signature]		Tuesday	18/12/23
Shop Name					
Day	Date	Signature of Concerned SSE	Shop Name	Day	Date
Wed	19/12/23	[Signature]		Monday	24/12/23
Thu	20/12/23	[Signature]		Tuesday	25/12/23
Shop Name					
Day	Date	Signature of Concerned SSE	Shop Name	Day	Date
Wed	26/12/23	[Signature]		Monday	31/12/23
Thu	27/12/23	[Signature]		Tuesday	01/01/24
Shop Name					

Note: Entry in workshop on Saturday is not allowed due to half working day. (Only Administrative works can be done if required) at 11:00 on this day.

Full Name & Seal of SSE

Full Name & Seal of SSE

B.L.W./Varanasi

S.S.E./L.M.S.

S.S.E./L.M.S.

S.S.E./L.M.S.

Senior Sec. Engineer

Full Name & Seal of SSE



SUMMER INTERNSHIP REPORT- 2023
BANARAS LOCOMOTIVE WORKS
Varanasi -221004, U.P.



SUBMITTED TO

PRINCIPAL

TECHNICAL TRAINING CENTRE

BLW VARANASI

SUBMITTED BY :-

NAME – KISHAN YADAV

REGISTRATION – 2023OF0184

TRAINING DURATION – 06 JULY 2023 TO 02 AUG 2023(4 WEEK)

COURSE – B.Tech

BRANCH – MECHANICAL ENGINEERING

YEAR – 3rd YEAR

COLLEGE NAME – KASHI INSTITUTE OF TECHNOLOGY,
MIRZAMURAD VARANASI





Indian Railways
Banaras Locomotive Works
Varanasi – 221004



Regd.No.: VOCC/2023OF0167

CERTIFICATE

This is to certify that **Ms/Mr. SATYAM KUMAR SINGH** student of 3rd year B.Tech in Mechanical Engineering from **KASHI INSTITUTE OF TECHNOLOGY, VARANASI** has undergone summer internship at **Banaras Locomotive Works, Varanasi w.e.f. 05-Jul-2023 to 01-Aug-2023. Area of the internship undertaken by Ms/Mr. SATYAM KUMAR SINGH was HMS, HTS, LFS and SMS. A copy of the report is annexed with this Certificate.**

His / Her performance and conduct during the training was good. We wish him/her success in life.

Date : 01-Aug-2023

(Dr. Bipin Kumar Srivastava)
IRSMIE
AMETrg.
Technical Training Centre

(Jitendra Agrawal)
IRSMIE
Principal
Technical Training Centre





362

TECHNICAL TRAINING CENTER

Banaras Locomotive Works, Varanasi-221004

(Gate Pass)



Session	2023-24	
Registration No.	2023OF 0167	
Name	Satyam Kumar Singh	
Father Name	Jitendra Kumar	
Email	Satyam.Singh19460@gmail.com	
Sex	Male	Mobile No. 9335816772
DOB	14/03/2000	Aadhar No. 941084679313
Course Title	B.Tech	Year in Studying 3 rd year
College Name (City Name)	Kashi Institute of Technology, Varanasi	Group Name Mechanical
Training Month	July	Branch Name Mechanical Engineering
		Training Duration (In Weeks) 4 Weeks



FOR OFFICE USE ONLY

Morning: <input checked="" type="checkbox"/>	Afternoon:
Training Time 09:00 Hrs - 11:00 Hrs	13:00 Hrs - 15:00 Hrs
From 05/07/23	To: 01/08/2023
Training Area HMS, HTS, LFS, SMTS	

Signature of Training Incharge
 05/07/23

SUMMER TRAINING REPORT ON

**LOCO TESTING SHOP, LOCO ASSEMBLY SHOP
TRUCK MACHINING SHOP and HEAVY MACHINING SHOP**

*Submitted in partial fulfillment of the
Requirement for the award of the
Degree of*

BACHELOR OF TECHNOLOGY

IN

(Mechanical Engineering)

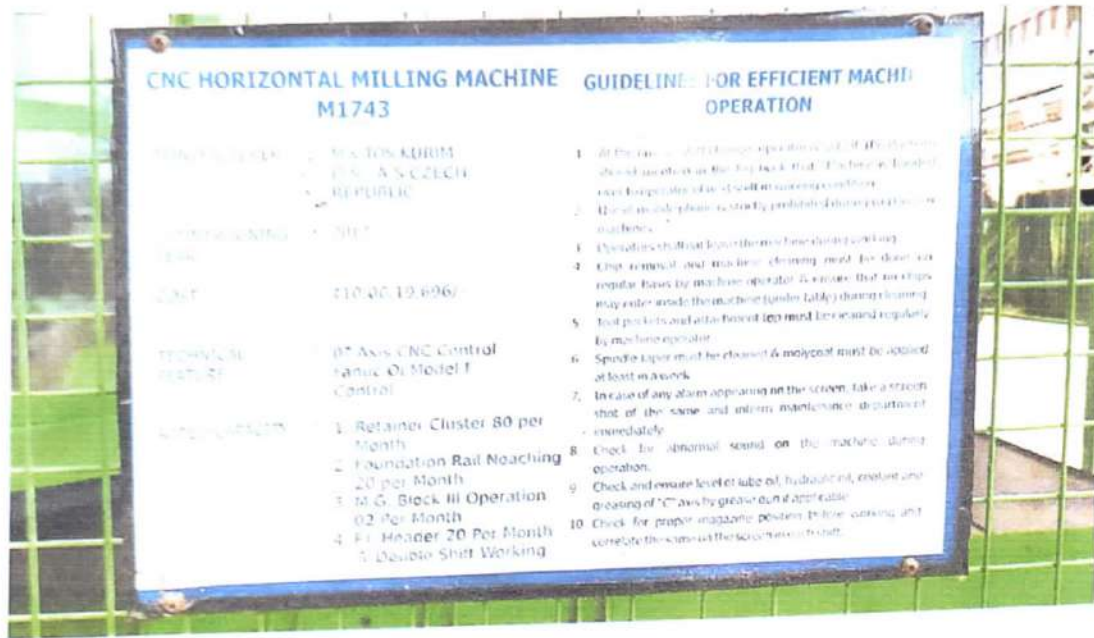
BY

SANJANA SINGH

student of



SUMMER TRAINING REPORT

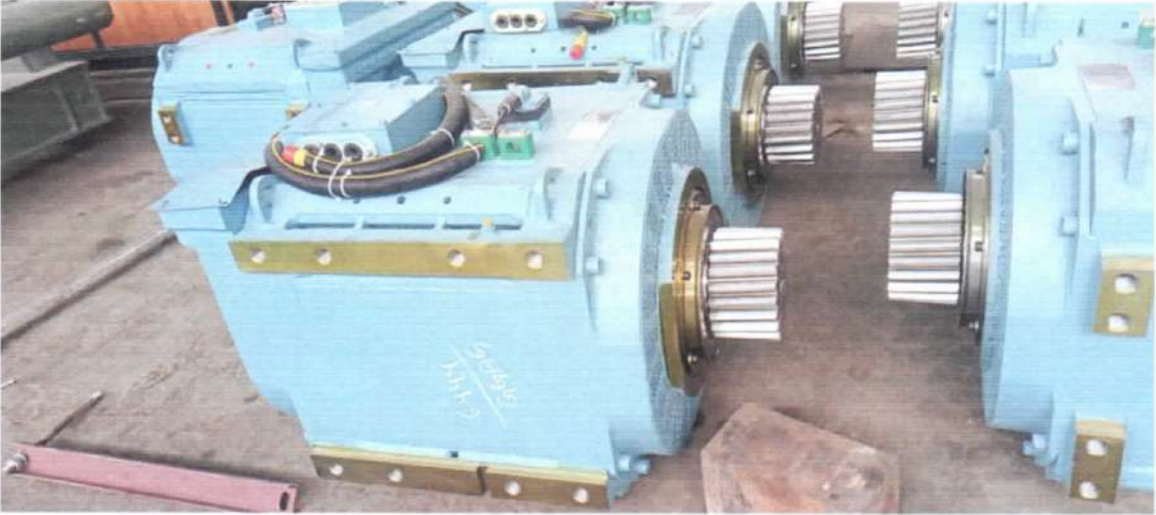


Learning Experience

Working on this project was a pleasure for me as I learned a lot of things which were unknown to me before doing this project. I worked in, Loco Test Shop (LTS), Truck Machine Shop (TMS), Loco Assembly Shop (LAS), Heavy Machine Shop (HMS) and my job description includes observing the process of manufacturing of railway engine from scratch. I observed all the major operations performed in all 4 shops and it was an informative experience that provided a lot of information about the loco and production process performed in making it. I tried to give my best effort on this project, but it could be better if I would have had theoretical knowledge about workshops before taking this project. As this topic was new to me and due to time constraints, I was not able to go through each small procedure.

SANJANA SINGH
 B. TECH 3rd YEAR
 KASHI INSTITUTE OF TECHNOLOGY MIRZAMURAD,
 VARANASI.









सत्यमेव जयते

408

TECHNICAL TRAINING CENTER

Banaras Locomotive Works, Varanasi-221004

(Gate Pass)



Session 2023-24

Registration No. 2023OF0174

Name SANJANA SINGH

Father Name MR. ANIL KR. SINGH

Email sanjanasingh2062@gmail.com



Sanjana
(Student's Sign)

Sex Female

Mobile No 6388927725

DOB 25 Jan 2001

Aadhar No 7413 4629 6841

Course Name B.tech

Year in Studying 3rd Year

College Name with City Name Kashi Institute of Technology, Mirzamabad, Varanasi

Group Name Mechanical

Branch Name Mechanical Engineering

Training Month July

Training Duration (In Weeks) 4 weeks

FOR OFFICE USE ONLY:

Morning: 09:00 Hrs. - 11:00 Hrs

Afternoon: 13:00 Hrs. - 15:00 Hrs

Training Time

From: 06/07/2023

To: 02/08/2023

Training Date

Training Area L1S, LAS, TMS, HMS
4 hrs
2 hrs
19/7/23

Signature of Training Incharge
06/07/2023

TECHNICAL TRAINING CENTER

Administrative Work: Vietnam-221004

ATTENDANCE SHEET



No.		Grade		Name		Date		Signature	
1	1	175	175	175	175	2023	10	74	
2	2	175	175	175	175	2023	11	10	
3	3	175	175	175	175	2023	11	10	
4	4	175	175	175	175	2023	11	10	
5	5	175	175	175	175	2023	11	10	
6	6	175	175	175	175	2023	11	10	
7	7	175	175	175	175	2023	11	10	
8	8	175	175	175	175	2023	11	10	
9	9	175	175	175	175	2023	11	10	
10	10	175	175	175	175	2023	11	10	
11	11	175	175	175	175	2023	11	10	
12	12	175	175	175	175	2023	11	10	
13	13	175	175	175	175	2023	11	10	
14	14	175	175	175	175	2023	11	10	
15	15	175	175	175	175	2023	11	10	
16	16	175	175	175	175	2023	11	10	
17	17	175	175	175	175	2023	11	10	
18	18	175	175	175	175	2023	11	10	
19	19	175	175	175	175	2023	11	10	
20	20	175	175	175	175	2023	11	10	
21	21	175	175	175	175	2023	11	10	
22	22	175	175	175	175	2023	11	10	
23	23	175	175	175	175	2023	11	10	
24	24	175	175	175	175	2023	11	10	
25	25	175	175	175	175	2023	11	10	
26	26	175	175	175	175	2023	11	10	
27	27	175	175	175	175	2023	11	10	
28	28	175	175	175	175	2023	11	10	
29	29	175	175	175	175	2023	11	10	
30	30	175	175	175	175	2023	11	10	

Administrative work is not allowed due to full work on day. Only administrative work can be done on days 1-10.

Full Name & Sign of SMI
Full Name & Sign of SMI
Full Name & Sign of SMI











Indian Railways

Banaras Locomotive Works

Varanasi – 221004



75
Azadi Ka
Amrit Mahotsav

Regd.No.: VOC/2023OF0174

CERTIFICATE

This is to certify that Ms./Mr. **SANJANA SINGH** student of 3rd year *B.Tech in Mechanical Engineering* from **KASHI INSTITUTE OF TECHNOLOGY, VARANASI** has undergone summer internship at **Banaras Locomotive Works, Varanasi** w.e.f. **06-Jul-2023 to 02-Aug-2023**. Area of the internship undertaken by Ms./Mr. **SANJANA SINGH** was LTS, LAS, TMS and HMS. A copy of the report is annexed with this Certificate.

His / Her performance and conduct during the training was good. We wish him/her success in life.

Date : 02-Aug-2023



(Dr. Bipin Kumar Srivastava)
IRSM

AME/Trg.
Technical Training Centre





(Jitendra Agrawal)
IRSM

Principal
Technical Training Centre

SUMMER INTERNSHIP REPORT- 2023

BANARAS LOCOMOTIVE WORKS

Varanasi -221004 ,U.P.



SUBMITTED TO
PRINCIPAL

TECHNICAL TRAINING CENTRE
BLW VARANASI

SUBMITTED BY :-



NAME – RAJ KESHARI

REGISTRATION – 2023OF0166

TRAINING DURATION – 05 JULY 2023 TO 01 AUG 2023(4 WEEK)

COURSE – B.Tech

BRANCH – MECHANICAL ENGINEERING

YEAR – 3rd YEAR

**COLLEGE NAME – KASHI INSTITUTE OF TECHNOLOGY,
MIRZAMURAD VARANASI**



Indian Railways

Banaras Locomotive Works

Varanasi – 221004



Regd.No.: VOCC/2023OF0184

CERTIFICATE

This is to certify that ~~Ms~~/Mr. **KISHAN YADAV** student of 3rd year *B.Tech* in *Mechanical Engineering* from **KASHI INSTITUTE OF TECHNOLOGY, VARANASI** has undergone summer internship at **Banaras Locomotive Works, Varanasi** w.e.f. *06-Jul-2023* to *02-Aug-2023*. *Area of the internship undertaken by* ~~Ms~~/Mr. **KISHAN YADAV** was *TR, CTS, LMS* and *PS*. A copy of the report is annexed with this Certificate.

His / ~~Her~~ performance and conduct during the training was good. We wish him/~~her~~ success in life.

Date : 02-Aug-2023

(Dr. Bipin Kumar Srivastava)

AME/Trg.

IRSME

Technical Training Centre



Alu

(Jitendra Agrawal)

Principal

IRSME

Technical Training Centre



411

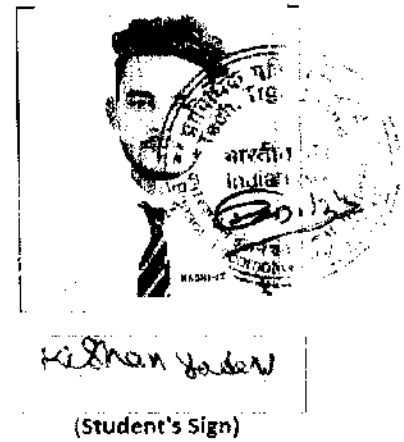
TECHNICAL TRAINING CENTER

Banaras Locomotive Works, Varanasi-221004

(Gate Pass)



Session: 2023-24
 Registration No.: 2023OF 0184
 Name: Kishan Yadav
 Father Name: Rajkumar Yadav
 Email: sy435473@gmail.com



Sex: Male Mobile No: 7755826412
 DOB: 12/06/2002 Aadhar No: 739395798561
 Course Name: B.Tech Year in Studying: 3rd Year
 College Name with City Name: Kagnit Institute of Technology, Varanasi Group Name: Mechanical
 Branch Name: Mechanical Engineering
 Training Month: July Training Duration (In Weeks): 4 weeks

FOR OFFICE USE ONLY :

Trainings: Accompaniment:
 Training Time: 09:00 Hrs. - 11:00 Hrs. 13:00 Hrs. - 15:00 Hrs.

From: Training Date: 06/07/23 To: 02/08/2023

Training Area

TR, C.T.S, ENDS, D.S.
 7/5/23
 27/07/23
 27/07/23

Signature of Training Incharge



SUMMER INTERNSHIP REPORT- 2023
BANARAS LOCOMOTIVE WORKS
VARANASI-221004



SUBMITTED TO PRINCIPAL
TECHNICAL TRAINING CENTRE, BLW VARANASI

SUBMITTED BY:

NAM E AKASH KUMAR

REGISTRATION NO 2023OF0164

TRAINING DURATION 4 WEEKS (05-07-2023 To 01-08-2023)

COURSE: B. TECH YEAR: 3RD YEAR

BRANCH NAME: MECHANICAL ENGINEERING

COLLEG E KASHI INSTITUTE OF TECHNOLOGY, MIRZAMURAD VARANASI






312

TECHNICAL TRAINING CENTER

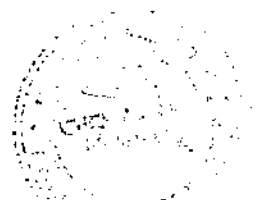
Banaras Locomotive Works, Varanasi-221004
(Gate Pass)



Session	2023-24		
Registration No.	2023OF 0164		
Name	Akash Kumar		
Father Name	Omprakash		
Email	akashkumargi24042003@gmail.com	<u>Akash</u> (Student's Sign)	
Sex	male	Mobile No	9451414714
DOB	24/04/2003	Aadhar No	7071 6939 3952
Course Name (B.L. / B.Tech. / Diploma)	B. Tech	Year in Studying (2nd / 3rd Year)	3rd Year
College Name with City Name	Kashi Institute of Technology, Mirzapur Varanasi (UP.)	Group Name	Mechanical
		Branch Name	Mechanical Engineering
Training Month	July	Training Duration (In Weeks)	4 Weeks

FOR OFFICE USE ONLY:

Training Time	Morning: <input checked="" type="checkbox"/> 09:00 Hrs. - 11:00 Hrs.	Afternoon: 13:00 Hrs. - 15:00 Hrs.
Training Date	From: 05/07/23	To: 01/08/2023
Training Area	ROTOR, CMT LAB, TR, CTS	



Signature of Training Incharge



Indian Railways

Banaras Locomotive Works

Varanasi – 221004



Regd.No.: VOC/2023OF0164

CERTIFICATE

This is to certify that ~~Ms./Mr.~~ **AKASH KUMAR** student of 3rd year *B.Tech* in *Mechanical Engineering* from **KASHI INSTITUTE OF TECHNOLOGY, VARANASI** has undergone summer internship at **Banaras Locomotive Works, Varanasi** w.e.f. *05-Jul-2023* to *01-Aug-2023*. *Area of the internship undertaken by Ms./Mr.* **AKASH KUMAR** was **ROTOR, CMT LAB, TR and CTS**. A copy of the report is annexed with this Certificate.

His / Her performance and conduct during the training was good. We wish him/her success in life.

Date : 01-Aug-2023

(Dr. Bipin Kumar Srivastava)
IRSM E

AME/Tyg.

Technical Training Centre

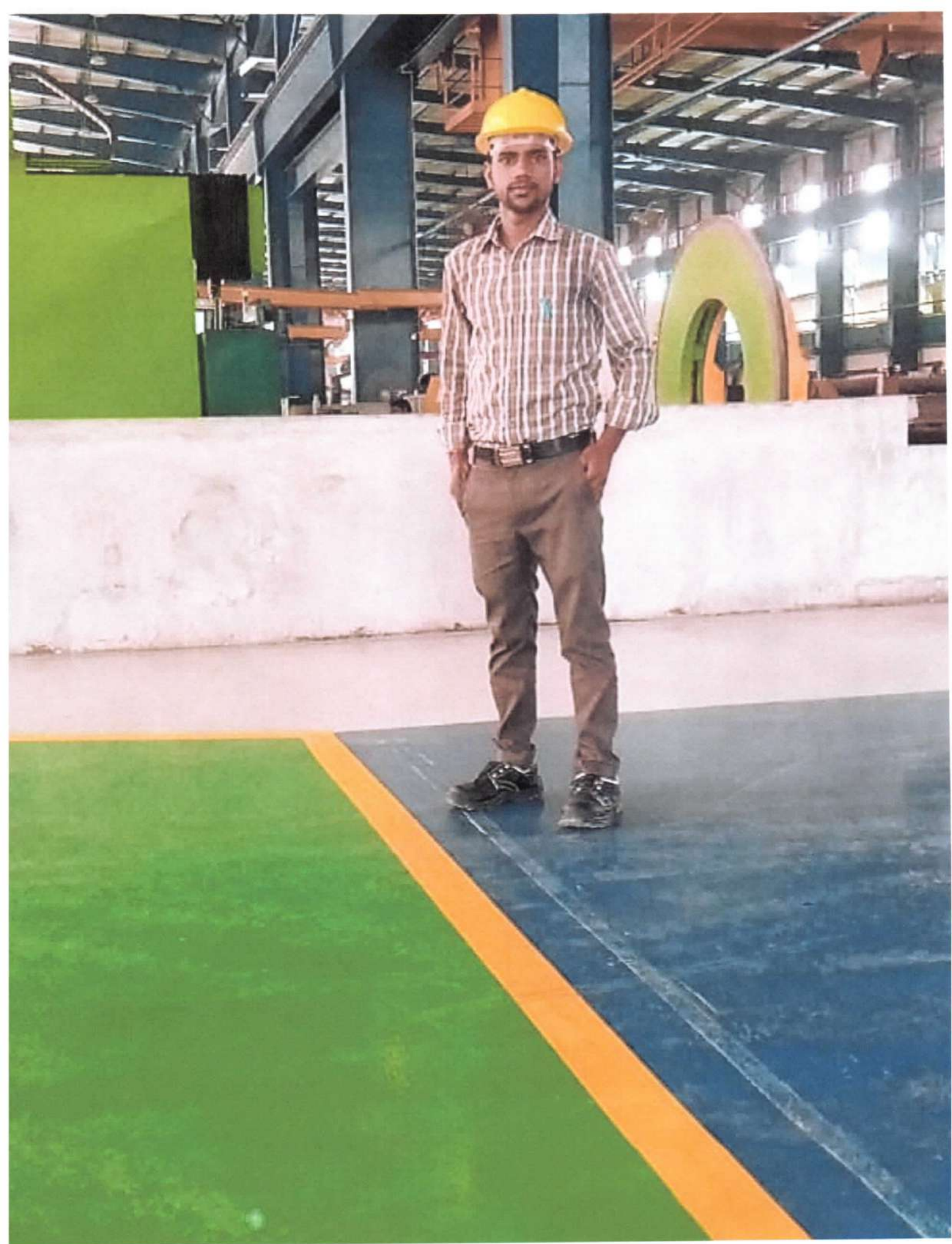


(Jitendra Agrawal)

IRSM E

Principal

Technical Training Centre



Project Report

“ Stair climbing trolley”

Submitted in partial fulfillment of the requirements for the award of the degree

**B. Tech
IN
MECHANICAL ENGINEERING**

Under the guidance of
Dr. Sudhir Mishra

STUDENTS

NAME	ROLL. NO.
Sanjana Singh	2004280400005
Hemant Kumar Kaushal	2104280409002
Sonu Yadav	2004280400007

2023-2024



**DEPARTMENT OF MECHANICAL ENGINEERING
KASHI INSTITUTE OF TECHNOLOGY
VARANASI – 221307.**



BONAFIDE CERTIFICATE

Certified that the project work entitled "**Stair climbing trolley**" is bonafide work carried out by **Sanjana Singh, Hemant Kumar Kaushal, Sonu Yadav** in the partial fulfillment for the award of degree of **Bachelor of Technology in Mechanical Engineering** of Dr. A.P.J. Abdul Kalam Technical University, Lucknow, Uttar Pradesh during the academic year 2023-2024. The project report has been approved as it satisfies the academic requirements as prescribed for the degree of Bachelor of Technology.

GUIDE

Dr. SUDHIR MISHRA

Assoc. Prof

Mr. AMITABH SINGH

Head Dept. of Mechanical Engineering

Name of the Examiners:

- 1.
- 2.

Vishwas Kumar

[Signature]
03/06/24
Signature with Date



Project Report

"Solar Powered Multifunctional Power Bank"

Submitted in partial fulfillment of the requirements for the award of the degree

**B. Tech
IN
MECHANICAL ENGINEERING**

*Under the guidance of
Dr. Kumar Sonu*

STUDENT

NAME

Satyam Kumar Singh

Kishan Yadav

REG. NO.

2004280400006

2004280400002

2023-2024



**DEPARTMENT OF MECHANICAL ENGINEERING
KASHI INSTITUTE OF TECHNOLOGY
VARANASI – 221307.**

Project Report

“Solar Powered Multifunctional Power Bank”

Submitted in partial fulfillment of the requirements for the award of the degree

**B. Tech
IN
MECHANICAL ENGINEERING**

*Under the guidance of
Dr. Kumar Sonu*

STUDENT

NAME

Satyam Kumar Singh

Kishan Yadav

REG. NO.

2004280400006

2004280400002

2023-2024



**DEPARTMENT OF MECHANICAL ENGINEERING
KASHI INSTITUTE OF TECHNOLOGY
VARANASI 221307.**

Project Report

“Monitoring Water Levels: Design and Implementation of a Reliable Water Level Indicator System”

Submitted in partial fulfilment of the requirements for the award of the degree

B. Tech IN MECHANICAL ENGINEERING

Under the guidance of

Dr. Kumar Sonu

STUDENT

NAME

Raj Keshari

ROLL. NO.

2004280400004

2023-2024



DEPARTMENT OF MECHANICAL ENGINEERING

KASHI INSTITUTE OF TECHNOLOGY

VARANASI – 221307.



BONAFIDE CERTIFICATE

Certified that the project work entitled "Monitoring Water Levels: Design and Implementation of a Reliable Water Level Indicator System" is bonafide work carried out by **Rajvir Keshari (2004280400004)** in the partial fulfillment for the award of degree of **Bachelor of Technology in Mechanical Engineering** of Dr . A.P.J. Abdul Kalam Technical University, Lucknow, Uttar Pradesh during the academic year 2023-2024. The Project report has been approved as it satisfies the academic requirements as prescribed for the degree of Bachelor of Technology.

GUIDE

Dr . KUMAR SONU

Assoc. Prof

Mr. AMITABH SINGH

Head Dept. of Mechanical Engineering

Name of the Examiners:

1. *Vishal Kr. Patel*
- 2.

[Signature]
Signature with Date
03/06/24

Project Report

“Performance Analysis of a Microbial Fuel Cell using Solid Waste as Substrate

In terms of Various Parameter”

Submitted in partial fulfillment of the requirements for the award of the degree

**B. Tech
IN
MECHANICAL ENGINEERING**

Under the guidance of
Dr. Kumar Sonu

STUDENT

NAME

Akash Kumar

Rahul Verma

ROLL. NO.

2004280400001

2004280400003

2023-2024



**DEPARTMENT OF MECHANICAL ENGINEERING
KASHI INSTITUTE OF TECHNOLOGY
VARANASI – 221307.**

BONAFIDE CERTIFICATE

Certified that the project work entitled "**Performance Analysis of a microbial Fuel Cell using Solid Waste as Substrate in terms of Various Parameter**" is bonafide work carried out by **Akash Kumar (2004280400001)** and **Rahul Verma (2004280400003)** in the partial fulfillment for the award of degree of **Bachelor of Technology in Mechanical Engineering** of Dr. A.P.J. Abdul Kalam Technical University, Lucknow, Uttar Pradesh during the academic year 2023-2024. The project report has been approved as it satisfies the academic requirements as prescribed for the degree of Bachelor of Technology.

GUIDE

Dr. KUMAR SONU

Assoc. Prof

Mr. AMITABH SINGH
Head Dept. of Mechanical Engineering

Name of the Examiners:

1. VIBHAS KUMAR PATEL
- 2.

03/06/24
Signature with Date