



List of Programme(S)

Department : Civil Engineering		
Academic Year : 2021-22		
<i>List of Programmes having Components of Filed</i>		
Sr. No.	Programme Code	Name of the Programme
01.	4109	Bachelor of Technology in Civil Engineering

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

S.No	Uni. R.No	Enrollment No	Name of the Students	Page No.
1	19102201	GGV/19/1305	ANCHAL BHARTI	1-4
2	19102203	GGV/19/1013	ABHISHEK TRIPATHI	5-10
3	19102245	GGV/19/1295	VAIBHAV KUMAR	5-10
4	19102205	GGV/19/1019	ALISHA SINGH	11-14
5	19102207	GGV/19/1029	AMIT KUMAR	15-19
6	19102208	GGV/19/1036	ANKUR NETAM	20-24
7	19102209	GGV/19/1039	ANURAG KUMAR	25-29
8	19102236	GGV/19/1219	PREM SAGAR	25-29
9	19102213	GGV/19/1073	CHALLA SAI JAYA RAMA LINGA REDDY	30-31



10	19102214	GGV/19/1075	CHANCHALA PAINKRA	32-36
11	19102216	GGV/19/1102	GAURAV SONKAR	37-40
12	19102217	GGV/19/1113	HARSH SINGH	41-45
13	19102218	GGV/19/1117	HIMANSHU YADAV	46-50
14	19102220	GGV/19/1117	LEKKALA RAVIKISHORE	51-55
15	19102221	GGV/19/1133	MAHESHWARI PAINKRA	56-59
16	19102223	GGV/19/1163	MANU KUMAR	60-65
17	19102227	GGV/19/1172	MILIND KUMAR BHODEKAR	66-70
18	19102228	GGV/19/1182	MUSKAN JAISWAL	71-75
19	19102243	GGV/19/1182	SACHIN MISHRA	76-81
20	19102229	GGV/19/1187	NIKHAR SONAM SAHU	76-81
21	19102231	GGV/19/1201	PALLAV BIBHU	82-85
22	19102232	GGV/19/1204	PARUL JADHAV	86-88
23	19102233	GGV/19/1206	PAWAR PREETHAM	89-91
24	19102234	GGV/19/1196	PENTA DINESH KIRAN RAO	92-94
25	19102237	GGV/19/1227	RAHUL DIXIT	95-99
26	19102241	GGV/19/1248	ROHIT LAXMAN CHAUDHARI	100-104
27	19102242	GGV/19/1249	ROSEMERRY BANJARE	105-108
28	19102244	GGV/19/1263	SAURABH CHAUDHARY	109-113
29	19102246	GGV/19/1293	VBN VENKATA SAI	114-116
30	18102007	GGV/18/1046	ANKATHI BHANU PRAKASH	117-120



31	18102012	GGV/18/1082	BIPIN KUMAR	121-123
32	18102013	GGV/18/1096	DHARAVATH RAKESH	124-127
33	18102014	GGV/18/1116	LOKESH NAUDU	128-131
34	18102020	GGV/18/1193	OM PRAKASH	132-135
35	18102022	GGV/18/1217	PRANJAN PAINKRA	136-140
36	18102023	GGV/18/1218	PRAPHUL KUMAR BHARTI	141-144
37	18102027	GGV/18/1240	RAHUL KUMAR	145-149
38	18102035	GGV/18/1305	SOURAV RAJ	150-152
39	18102038	GGV/18/1324	THANNI SAI KRISHNA	153-156
40	18102032	GGV/18/1283	SAURABH KOSHLE	157-161
*40 students for Seminar				

**CONSTRUCTION OF “NEW COMMERICAL
TAX OFFICE BUILDING”, EXISTING
BUILDING PLACE, BILASPUR (C.G.)**

Internship/Industrial Training Report

**PUBLIC WORK DEPARTMENT,
BILASPUR, CHHATTISGARH, INDIA**



BY

AANCHAL BIHARTI

Enrollment no. – GGV/19/1308

Executive Engineer -B. L. KABSE



DEPARTMENT OF CIVIL ENGINEERING

**SCHOOL OF STUDIES IN ENGINEERING AND
TECHNOLOGY, GURU GHASIDAS VISHWAVIDYALAYA,**

(A Central University)

BILASPUR- 495001, CHHATTISGARH

**PUBLIC WORKS DEPARTMENT BILASPUR
(C.G.)**



TRAINING CERIFICATE

*This is to certify that sri/sku ..Anchal....Bharti.....
S/o, D/o SriVijay...Kumar...Bharti.....student of
Guru....Ghasidas....VishwaVidyapeya..... has
been done training under our working Engineer Incharge in construction
site. He/She has been done 30 days training from ..19.05.2022 to
30.06.2022 & gained experience In building & roads works including
testing of building materials under P.W.D. Division no. 1 Bilaspur.*

AM
Sub engineer

PWD Dn. 1 Bilaspur

Rajeev
Executive engineer

PWD Dn. 1 Bilaspur

**Executive Engineer
PWD Dn. 1, Bilaspur (C.G.)**

ABSTRACT

Industrial training offered by Public Works Department [R&B] Bilaspur fortunate opportunity for me during my third year of under graduation it helped me to apply my theoretical knowledge gained during the university academic program into real world industrial execution and experience professional construction process ,it helped me to enhance my skill and to enrich my industrial knowledge by keeping me update with the latest technology ,this opportunity extremely helped me to expose into environment where I could think as a civil engineer.

I had my training experience from 17th may to 30th June 2022 at P.W.D. Bilaspur (C.G.).

This report documents contains the knowledge and experience I have gained through my industrial training at PWD Bilaspur (C.G.).

Aanchal Bharti
7th semester B.Tech
Civil Engineering

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**A Training Report on
IRRIGATION SCHEMES AND HYDRAULIC STRUCTURES IN
KHARUNG DIVISION**



**BY: Vaibhav kumar & Abhishek Tripathi
Roll No: 19102245 & 19102203 (4th Year)
B. Tech, Civil Engineering**

**SCHOOL OF STUDIES IN ENGINEERING AND TECHNOLOGY, BILASPUR,
(C.G.)**

Under the guidance of

Mr. R.P. Shukla

(Executive Engineer, Kharung W.R. Division, Bilaspur)

OFFICE OF THE EXECUTIVE ENGINEER
KHARUNG WATER RESOURCES DIVISION, BILASPUR, DISTT. BILASPUR (C.G.)



CERTIFICATE

*This is to certify that **Abhishek Tripathi**, student of 6th Semester of Civil Engineering, **Institute of Technology, Guru Ghasidas University, Bilaspur** has successfully completed his/her vocational training conducted from June 1, 2022 to June 30, 2022 (30 Days).*

In this training he/she has acquired knowledge of Construction of Earthen Dams, Diversion/Barrages, Anicuts, Canals and Survey Work etc.

I wish him/her all success and a bright future.

Bilaspur

Date : 05.07.2022

(R.P. Shukla)
Executive Engineer
Kharung W.R. Division
Bilaspur (C.G.)

**OFFICE OF THE EXECUTIVE ENGINEER
KHARUNG WATER RESOURCES DIVISION, BILASPUR, DISTT. BILASPUR (C.G.)**



CERTIFICATE

This is to certify that Vaibhav Kumar, student of 6th Semester of Civil Engineering, Institute of Technology, Guru Ghasidas University, Bilaspur has successfully completed his/her vocational training conducted from June 1, 2022 to June 30, 2022 (30 Days).

In this training he/she has acquired knowledge of Construction of Earthen Dams, Diversion/Barrages, Anicuts, Canals and Survey Work etc.

I wish him/her all success and a bright future.

Bilaspur

Date : 05.07.2022

(R.P. Shukla)
Executive Engineer
Kharung W.R. Division
Bilaspur (C.G.)

ABSTRACT

Industrial training offered by **Kharung Water Resources Division, Bilaspur(C.G.)** was fortunate opportunity for me during my third year of under graduation. It helped me to apply my theoretical knowledge gained during the university academic program into real world industrial execution and experience professional construction processes. It helped me to enhance my skills in the field of Irrigation Engineering and provided a lot of practical knowledge about how public organization works in feeding the needs of the general public. It was the very first practical exposure of mine and I am sure it will help as a Civil Engineer to be.

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A Training Report On
CONSTRUCTION OF HIGHER SECONDARY SCHOOL
BUILDING IN ARDA BLOCK, KORBA

BY:-ALISHA SINGH
ROLL NO:-19102205(4TH YEAR)
B. Tech, CIVIL ENGINEERING

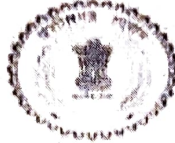


GURU GHASIDAS VISHWAVIDYALAYA,
SCHOOL OF STUDIES IN ENGINEERING AND
TECHNOLOGY, BILASPUR, C.G.

Under the guidance of,

Er. MAAN SINGH KANWAR

O/o The EXECUTIVE ENGINEER P.W.D. KORBA



DIVISION KORBA

Ref- PWD/VT/2022/

Date 06.07.2022

CERTIFICATE

Certified that Ku. ALISHA SINGH student of 6th semester Civil Engineering Belonging to Govt. Guru Ghasidas Vishvidyalaya Bilaspur (C.G.) has successfully completed his vocational training from 13.06.2022 to 04.07.2022 following are the areas which he undergone training of Buildings/Road works at PWD. Sub Division Katghora wishing him all success.

Date :- 06.07.2022

Place :- Korba



EXECUTIVE ENGINEER
EXECUTIVE ENGINEER
P.W.D. Division Korba (C.G.)

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**REPORT ON SUMMER INTERNSHIP WORK
CONSTRUCTION OF GOVERNMENT COLLEGE (DHAMTARI,
C.G.)
UNDER
PUBLIC WORK DEPARTMENT (PWD)**



**Session~2022-23
SOS, E&T,
DEPARTMENT OF CIVIL ENGINEERING
GURU GHASIDAS CENTRAL UNIVERSTY
BILASPUR (C.G.)**



**GUIDED BY:-
ER. CHANDRKANTH
HIRVANI
PWD, DHAMTARI
(C.G.)**

**SUBMITTED BY:-
AMIT KUMAR
19102207**

CERTIFICATE

PUBLIC WORK DEPARTMENT

CERTIFICATE


This is to Certify That **Mr. AMIT KUMAR** Studying in **GURU GHASIDAS VISHWAVIDYALAYA, BILASPUR** in Civil Engineering 6th semester has worked at PUBLIC WORK DEPARTMENT DHAMTARI DIVISION under training for **30 DAYS** (4 Weeks) of construction of building & road work P.W.D. DHAMTARI DIVISION DHAMTARI.

His Concept about work is clear. His Devotion to work is excellent.

I wish him a Great Carrier in Future.

Ref :- As per your letter no. 09/CE/Sos,E&T/GGV/BSP/2022

Date :- 04 08 2022


Sub Engineer
P.W.D. Sub-Division
Dhamtari


Sub-Divisional Officer
P.W.D. Sub-Division
Dhamtari


Executive Engineer
P.W.D. Division Dhamtari
Distt. Dhamtari

ABSTRACT

As an undergraduate, this training program was an excellent opportunity for me to get to the ground level and experience the things that I would have never gained through going straight into a job. Summer training was a very great opportunity I got to apply the theoretical knowledge that I learnt into real industry for the real situations offered by Public work Department, Dhamtari (C.G.). This also gave me the chance to move with different types of people in the industry. Having exposed to such situations I was able to obtain lot of experiences which will be definitely helpful to success my future career as an Engineer.

Finally, I can say with a great pleasure that 30 days of Summer training was a helpful period of time for me to excel my skills. The experiences I gained through this training program will be a strong foundation to my career as an civil engineer.

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REPORT ON SUMMER INTERNSHIP WORK
CONSTRUCTION OF GOVERNMENT COLLEGE (DHAMTARI, C.G.)
UNDER
PUBLIC WORK DEPARTMENT (PWD)



Session~2022-23
SOS, E&T,
DEPARTMENT OF CIVIL ENGINEERING
GURU GHASIDAS CENTRAL UNIVERSTY
BILASPUR (C.G.)



SUBMITTED BY:-
ANKUR NETAM
19102208

GUIDED BY:-
ER. CHANDRKANTH
HIRVANI
PWD, DHAMTARI (C.G.)

CERTIFICATE

PUBLIC WORK DEPARTMENT

CERTIFICATE

This is to Certify That **Mr. ANKUR NETAM** Studying in **GURU GHASIDAS VISHWAVIDYALAYA, BILASPUR** in Civil Engineering 6th semester has worked at PUBLIC WORK DEPARTMENT DHAMTARI DIVISION under training for **30 DAYS (4 Weeks)** of construction of building & road work P.W.D. DHAMTARI DIVISION DHAMTARI.

His Concept about work is clear. His Devotion to work is excellent.

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Ref :- As per your letter no. 09/CE/Sos,E&T/GGV/BSP/2022

Date :- 09 08, 2022


Sub Engineer
P.W.D. Sub Division
Dhamtari


Sub-Divisional Officer
P.W.D. Sub Division
Dhamtari


Executive Engineer
P.W.D. Division Dhamtari
Distt. Dhamtari

ABSTRACT

As an undergraduate, this training program was an excellent opportunity for me to get to the ground level and experience the things that I would have never gained through going straight into a job. Vocational training was a very great opportunity I got to apply the theoretical knowledge that I learnt into real industry for the real situations offered by Public work Department, Dhamtari (C.G.). This also gave me the chance to move with different types of people in the industry. Having exposed to such situations I was able to obtain lot of experiences which will be definitely helpful to success my future career as an Engineer.

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**A TRAINING REPORT ON
DIFFERENT TYPES OF FOUNDATIONS
USED IN
LARGE INDUSTRIAL INSTALLATION LIKE THERMAL POWER PLANT
Under
REGIONAL LERNING INSTITUTE, NTPC SIPAT**



A Maharatna Company

Submitted in Partial Fulfilment of the requirement for the degree of
BACHELOR OF TECHNOLOGY

In

CIVIL ENGINEERING

Submitted By

(ANURAAG KUMAR & PREM SAGAR)

(Session 2022-2023)

Under Guidance of

Shri Alok Kumar Tripathi

(GM and Sr. Faculty)

and

Other Members of RLI, NTPC Sipat



**DEPARTMENT OF CIVIL ENGINEERING
SCHOOL OF STUDIES AND IN ENGINEERING AND TECHNOLOGY
GURU GHASIDAS VISHWAVIDHYALAYA
KONI, BILASPUR, CHHATTISGARH.**

CERTIFICATE



REGIONAL LEARNING INSTITUTE, NTPC, SIPAT

क्षेत्रीयज्ञानार्जनसंस्थान, एनटीपीसी, सीपत

CERTIFICATE OF VOCATIONAL TRAINING 2022

औद्योगिक प्रशिक्षण प्रमाण पत्र 2022

Ref No. RLI/SIPAT/CERT/2022/VT22CIVIL010

THIS CERTIFICATE IS AWARDED TO

Anurag Kumar

VT Roll No – VT22CIVIL010

Civil Engineering

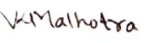
GGU BILASPUR

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)



REGIONAL LEARNING INSTITUTE, NTPC, SIPAT

क्षेत्रीयज्ञानार्जनसंस्थान, एनटीपीसी, सीपत

CERTIFICATE OF VOCATIONAL TRAINING 2022

औद्योगिक प्रशिक्षण प्रमाण पत्र 2022

Ref No. RLI/SIPAT/CERT/2022/VT22CIVIL002

THIS CERTIFICATE IS AWARDED TO

Prem Sagar

VT Roll No – VT22CIVIL002

Civil 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)

V. Malhotra
Vikash Malhotra
DGM (RLI-Simulator)

A K Tripathi
GM & Head (RLI-Simulator)

ABSTRACT

This Project work is about the study and understand the concept of existing Foundations that are used for building large scale industries through some of the research papers and available blue prints of few industries and thermal power plants.

This Project as an online training has assigned by the members of Regional Learning Centre, NTPC SIPAT, one of the plants from NTPC, A Maharatna company, established on 1975, an Indian public sector company serves the nation with generating quality amount of Electric and distribute it to State Electricity Board.

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!

SUMMER TRAINING REPORT
ON
CONSTRUCTION OF DEPARTMENT BUILDING

A report submitted in partial fulfillment of the requirement for the award of the degree of

BACHELOR OF TECHNOLOGY
IN
CIVIL ENGINEERING



Submitted to :-

Ms. AYUSHI NAYAK

Assistant Professor

Submitted by :-

Name: CHALLA SAI JAYA RAMA LINGA REDDY

Roll No: 19102213

Department of civil engineering
Guru Ghasidas Vishwavidyalaya (A Central university)

Koni, Bilaspur Chhatisgarh – 495009, India

CERTIFICATE

Certified that this is a bonafied record of project work on
ESTIMATION ON TOILET BLOCK done by CH. Sai Jaya Rama Linga Reddy
as project trainee.

R. T. R. Ambedkar
RTR AMBEDKAR

SENIOR MANAGER (CIVIL)

CED WORKS

आर.टि.आर. अंबेडकर / R.T.R. AMBEDKAR
वरिष्ठ प्रबंधक / Sr. Manager
सिविल इंजिनियरी विभाग
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Visakhapatnam Steel Plant
विशालखण्डुमम / VISAKHAPATNAM-530031

**A Training Report on
IRRIGATION SCHEMES AND HYDRAULIC STRUCTURES
IN KHARUNG DIVISION**



BY: CHANCHALA PAINKRA

Roll No: 19102214 (4th Year)

B. Tech, Civil Engineering

**SCHOOL OF STUDIES IN ENGINEERING AND TECHNOLOGY,
BILASPUR, (C.G.)**

Under the guidance of

Mr. R.P. Shukla

(Executive Engineer, Kharung W.R. Division, Bilaspur)

**OFFICE OF THE EXECUTIVE ENGINEER
KHARUNG WATER RESOURCES DIVISION, BILASPUR, DISTT. BILASPUR (C.G.)**



CERTIFICATE

This is to certify that Chanchala Painkra, student of 6th Semester of Civil Engineering, Institute of Technology, Guru Ghasidas University, Bilaspur has successfully completed his/her vocational training conducted from June 1, 2022 to June 30, 2022 (30 Days).

In this training he/she has acquired knowledge of Construction of Earthen Dams, Diversion/Barrages, Anicuts, Canals and Survey Work etc.

I wish him/her all success and a bright future.

Bilaspur

Date : 05.07.2022


(R.P. Shukla)
Executive Engineer
Kharung W.R. Division
Bilaspur (C.G.)

ABSTRACT

Industrial training offered by **Kharung Water Resources Division, Bilaspur(C.G.)** was fortunate opportunity for me during my third year of under graduation. It helped me to apply my theoretical knowledge gained during the university academic program into real world industrial execution and experience professional construction processes. It helped me to enhance my skills in the field of Irrigation Engineering and provided a lot of practical knowledge about how public organization works in feeding the needs of the general public. It was the very first practical exposure of mine and I am sure it will help as a Civil Engineer to be.

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**A TRAINING REPORT ON
RECONSTRUCTION OF VILLAGE ROAD BRIDGE (RAEBARELI , UTTAR PRADESH)**

Under

**IRRIGATION DEPARTMENT DIVISION –SOUTH SHARDA CANAL
RAEBAELI ,UTTAR PRADESH**



Submitted in partial fulfillment of the requirement for the degree of
BACHELOR OF TECHNOLOGY

In

CIVIL ENGINEERING

Submitted by

GAURAV SONKAR

(SESSION : 2022-2023)

Under the Guidance of

Er. R.B. PANDEY



**DEPARTMENT OF CIVIL ENGINEERING
SCHOOL OF STUDIES IN ENGINEERING & TECHNOLOGY
GURU GHASIDAS CENTRAL UNIVERSITY
KONI , BILASPUR , CHHATTISGARH (495009).**

CERTIFICATE

क्रमांक- / वर्ष 2022


कार्यालय अधिशासी अभियन्ता
रायबरेली खण्ड (दक्षिण) शारदा नहर
रायबरेली

प्रमाण-पत्र

प्रमाणित किया जाता है कि श्री गौरव सोनकर पुत्र श्री राजेश सोनकर (सिविल इंजीनियरिंग प्रशिक्षु), सिविल इंजीनियरिंग विभाग, अभियांत्रिकी एवम् प्रौद्योगिकी अध्ययनशाला, गुरु घासीदास विश्वविद्यालय (केन्द्रीय विश्वविद्यालय) विलासपुर (छ0ग0) ने दिनांक -25.05.2022 से 23.06.2022(एक माह) तक सिविल इंजीनियरिंग कार्यो से सम्बन्धित ग्रीष्म कालीन प्रशिक्षण (अप्रेन्टिस) प्राप्त किया है।

उक्त प्रशिक्षण अवधि में इनका कार्य एवं व्यवहार उत्कृष्ट रहा। मैं इनके उज्ज्वल भविष्य की कामना करता हूँ।

दिनांक: 24-6-2022


(हेमन्त कुमार वर्मा)
अधिशासी अभियन्ता
24/6

ABSTRACT

The Irrigation Department division-south , Raebareli , Uttar Pradesh has undertaken the reconstruction of VRB at KM.2700 OF SALON DY (Sharda Canal) .

The proposal of reconstruction of the village road bridge occurs when the old structure failed due to passing of a truck over it. After this incident the government took immediate action the reconstruction of whole bridge has been taken as the solution in place of just repairing it. As the whole structure was old there was possibility that incident like this may happen in upcoming time to avoid accidents and unfortunates the whole structure was constructed.

And there was one more problem in old structure that it has a sudden turn on its one side because of which locals was facing problems and even sometimes they were lucky to avoid accidents .

The new proposed structure was skew in nature to avoid accidents , problems faced by the locals and people .

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**A Training Report on
IRRIGATION SCHEMES AND HYDRAULIC STRUCTURES
IN KHARUNG DIVISION**



**BY: HARSH SINGH
ROLL NO:- 19102217
B.Tech, CIVIL ENGINEERING**

**SCHOOL OF STUDIES IN ENGINEERING AND TECHNOLOGY,
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**OFFICE OF THE EXECUTIVE ENGINEER
KHARUNG WATER RESOURCES DIVISION, BILASPUR, DISTT. BILASPUR (C.G.)**



CERTIFICATE

This is to certify that Harsh Singh, student of 6th Semester of Civil Engineering, Institute of Technology, Guru Ghasidas University, Bilaspur has successfully completed his/her vocational training conducted from June 1, 2022 to June 30, 2022 (30 Days).

In this training he/she has acquired knowledge of Construction of Earthen Dams, Diversion/Barrages, Anicuts, Canals and Survey Work etc.

I wish him/her all success and a bright future.

Bilaspur

Date : 05.07.2022

A handwritten signature in black ink, appearing to read "R.P. Shukla".

**(R.P. Shukla)
Executive Engineer
Kharung W.R. Division
Bilaspur (C.G.)**

ABSTRACT

Industrial training offered by **Kharung Water Resources Division, Bilaspur(C.G.)** was fortunate opportunity for me during my third year of under graduation. It helped me to apply my theoretical knowledge gained during the university academic program into real world industrial execution and experience professional construction processes. It helped me to enhance my skills in the field of Irrigation Engineering and provided a lot of practical knowledge about how public organization works in feeding the needs of the general public. It was the very first practical exposure of mine and I am sure it will help as a Civil Engineer to be.

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**A Training Report on
IRRIGATION SCHEMES AND HYDRAULIC STRUCTURES
IN KHARUNG DIVISION**



BY: HIMANSHU YADAV
Roll No: 19102218 (4th Year)
B. Tech, Civil Engineering

**SCHOOL OF STUDIES IN ENGINEERING AND TECHNOLOGY,
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**OFFICE OF THE EXECUTIVE ENGINEER
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CERTIFICATE


This is to certify that Himanshu Yadav, student of 6th Semester of Civil Engineering, Institute of Technology, Guru Ghasidas University, Bilaspur has successfully completed his/her vocational training conducted from June 1, 2022 to June 30, 2022 (30 Days).

In this training he/she has acquired knowledge of Construction of Earthen Dams, Diversion/Barrages, Anicuts, Canals and Survey Work etc.

I wish him/her all success and a bright future.

Bilaspur

Date : 05.07.2022


(R.P. Shukla)
Executive Engineer
Kharung W.R. Division
Bilaspur (C.G.)

ABSTRACT

Industrial training offered by **Kharung Water Resources Division, Bilaspur(C.G.)** was fortunate opportunity for me during my third year of under graduation. It helped me to apply my theoretical knowledge gained during the university academic program into real world industrial execution and experience professional construction processes. It helped me to enhance my skills in the field of Irrigation Engineering and provided a lot of practical knowledge about how public organization works in feeding the needs of the general public. It was the very first practical exposure of mine and I am sure it will help as a Civil Engineer to be.

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A Training Report on
IRRIGATION SCHEMES AND HYDRAULIC STRUCTURES
IN KHARUNG DIVISION



BY: LEKKALA RAVIKISHORE

Roll No: 19102220 (4th Year)

B. Tech, Civil Engineering

SCHOOL OF STUDIES IN ENGINEERING AND TECHNOLOGY,
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Under the guidance of

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(Executive Engineer, Kharung W.R. Division, Bilaspur)

**OFFICE OF THE EXECUTIVE ENGINEER
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CERTIFICATE


This is to certify that Lekkala Ravikishore, student of 6th Semester of Civil Engineering, Institute of Technology, Guru Ghasidas University, Bilaspur has successfully completed his/her vocational training conducted from June 1, 2022 to June 30, 2022 (30 Days).

In this training he/she has acquired knowledge of Construction of Earthen Dams, Diversion/Barrages, Aftcuts, Canals and Survey Work etc.

I wish him/her all success and a bright future.

Bilaspur

Date : 05.07.2022


(R.P. Shukla)
Executive Engineer
Kharung W.R. Division
Bilaspur (C.G.)

ACKNOWLEDGEMENT

This internship opportunity I had with **Kharung Water Resources Division, Bilaspur(C.G.)**, was a great chance for learning and professional development. Therefore, I consider myself as a very lucky individual as I was provided with an opportunity to be a part of it. I am also grateful for having a chance to meet so many wonderful people and professionals who led me through this internship period.

I express my deepest thanks to **Dr. Aashish Kumar Parashar**, H.O.D of Civil Engineering department for taking part in useful decisions and giving necessary advices, guidance and arranging all facilities to make it easier. I choose this moment to acknowledge his contribution gratefully.

I would also like to thank **Mr. R.P. Shukla** (Executive Engineer, Kharung W.R. Division, Bilaspur) and for providing his immense knowledge to me in

order for helping and providing correct guidance to me. Also, I would like to thank Mrs. **Ujjwalbarna Ganguly** (Sub-Engineer, Kharung W.R. Division, Bilaspur) for her help and assistance during my training.

I perceive this opportunity as a big milestone in my career development. I will try to use gained skills and knowledge in the best possible way, and I will continue to work on their improvement, in order to attain desired career objectives. Hope to continue cooperation with all of you in the future.

L RAVIKISHORE

ROLL NO:19102220

GGV/19/1151

ABSTRACT

Industrial training offered by **Kharung Water Resources Division, Bilaspur(C.G.)** was fortunate opportunity for me during my third year of under graduation. It helped me to apply my theoretical knowledge gained during the university .

academic program into real world industrial execution and experience professional construction processes. It helped me to enhance my skills in the field of Irrigation Engineering and provided a lot of practical knowledge about how public organization works in feeding the needs of the general public. It

was the very first practical exposure of mine and I am sure it will help as a Civil Engineer to be.

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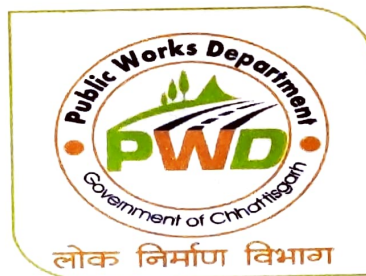
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**CONSTRUCTION OF “NEW COMMERICAL
TAX OFFICE BUILDING”, EXISTING
BUILDING PLACE, BILASPUR (C.G.)**

Internship/Industrial Training Report

**PUBLIC WORK DEPARTMENT,
BILASPUR, CHHATTISGARH, INDIA**



BY

MAHESHWARI PAINKRA

Enrollment no. – GGV/19/1155

Executive Engineer -B. L. KABSE



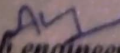
**DEPARTMENT OF CIVIL ENGINEERING
SCHOOL OF STUDIES IN ENGINEERING AND
TECHNOLOGY, GURU GHASIDAS VISHWAVIDYALAYA,
(A Central University)
BILASPUR- 495001, CHHATTISGARH**

PUBLIC WORKS DEPARTMENT BILASPUR
(C.G.)

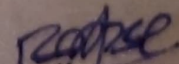


TRAINING CERTIFICATE

This is to certify that shri/ku ... Maheshwari Pankra
S/o, D/o Shri ... Santosh Kumar Pankra student of
..... Guru Dhasidas University Bilaspur has
been done training under our working Engineer Incharge in construction
site. He/She has been done 30 days training from .. 19-05-2022 to
.. 20-06-2022 & gained experience In building & roads works including
testing of building materials under P.W.D. Division no. 1 Bilaspur.


Sub engineer

PWD Dn. 1 Bilaspur


Executive engineer

PWD Dn. 1 Bilaspur

Executive Engineer
PWD Dn. 1 Bilaspur (C.G.)

ABSTRACT

Industrial training offered by Public Works Department [R&B] Bilaspur fortunate opportunity for me during my third year of under graduation it helped me to apply my theoretical knowledge gained during the university academic program into real world industrial execution and experience professional construction process ,it helped me to enhance my skill and to enrich my industrial knowledge by keeping me update with the latest technology ,this opportunity extremely helped me to expose into environment where I could think as a civil engineer.

I had my training experience from 17th may to 30th June 2022 at P.W.D. Bilaspur (C.G.).

This report documents contains the knowledge and experience I have gained through my industrial training at PWD Bilaspur (C.G.).

Maheshwari painkra
7th semester B.Tech
Civil Engineering

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A Maharatna Company

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

to

GURU GHASIDAS CENTRAL UNIVERSITY

Topic

CONSTRUCTION ASPECTS OF CHIMNEY OF THERMAL POWER PLANT



SUBMITTED BY: MANU KUMAR

CERTIFICATE



REGIONAL LEARNING INSTITUTE, NTPC, SIPAT

क्षेत्रीयज्ञानार्जनसंस्थान, एनटीपीसी, सीपत

CERTIFICATE OF VOCATIONAL TRAINING 2022

औद्योगिक प्रशिक्षण प्रमाण पत्र 2022

Ref No. RLI/SIPAT/CERT/2022/VT22CIVIL014

THIS CERTIFICATE IS AWARDED TO

Manu Kumar

VT Roll No – VT22CIVIL014

Civil Engineering

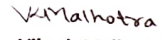
GGU BILASPUR

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)

ABSTRACT

Reinforced chimneys are used in Power plants to take the hot and poisonous flue gas to a great height. They are tall and slender structures, designed mainly to resist the lateral forces like wind and earthquake as well as the thermal stresses of the flue gas. An attempt is made to understand the variation of lateral deflection at the top of the chimney. This project deals with the analysis and design of Reinforced Concrete (RC) chimney. Reinforced concrete is concrete in which reinforcing bars or other types of reinforcement have been integrated to improve one or more properties of the concrete. For many years, it has been utilized as an economical construction material. Such chimneys are presently designed in conformity with Indian Standard code of practice (IS 4998). They are tall, thin constructions that are primarily built to withstand lateral forces from the wind, earthquakes, and flue gas thermal stresses. The fluctuation in lateral deflection at the top of the chimney is attempted to be understood. Currently, these chimneys are created in Indian Standard Code of Practice compliance (IS 4998). The primary loads to consider When towering structures like chimneys are analyzed, wind loads, temperature loads, and in addition to the dead loads, seismic loads. They are tall, slender buildings that were primarily created to withstand lateral pressures like wind and earthquakes as well as thermal stresses. Impact of pollutants on the surrounding environment can be reduced by dispersing pollutants at higher altitudes and different types of challenges come in construction, damages and measures taken to prevent damages are also discussed.

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Acknowledgement

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A REPORT ON SUMMER INTERNSHIP
WORK

CONSTRUCTION OF WORKSHOP AT GOVT.
POLYTECHNIC COLLEGE BUILDING, KONI
BILASPUR (C.G.)



Session~2022-23
SOS,E&T,
Department of Civil engineering
Guru Ghasidas Vishwavidyalaya
Bilaspur(C.G)



SUBMITTED BY:-
MILIND KUMAR BHODEKAR
19102227

GUIDED BY :-
ER.PARIMAL SHUKLA
SUB ENGINEER
PWD KONI BILASPUR (C.G)

CERTIFICATE



Government of Chhattisgarh, India

PUBLIC WORK DEPARTMENT

CERTIFICATE

SESSION - 2022


No. 304

Date 06-06-2022

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No. 1 at WORKSHOP GOVT. POLYTECHNIC COLLEGE Building Construction
site at Bilaspur. (C.G.)*

"His / Her performance during this training period was excellent."

"We wish her / him a bright future."


PARIMAL SHUKLA
SUB ENGINEER
P.W.D./Sub Div 02 Koni
SUBDIVISION KONI
BILASPUR (C.G.) 495

ABSTRACT

Fortune opportunity for us during our third year of under graduation it helped us to apply our theoretical knowledge gained during the university academic Programme into real world industrial based execution and experience professional construction Industrial training offered by public works department koni, Bilaspur (C.G.) was helpful to enhance our skill and to enrich our industrial knowledge by keeping us update with the latest technologies this opportunity is extremely helped us to expose into and environment where We could think as a civil engineer.

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**A Training Report on
IRRIGATION SCHEMES AND HYDRAULIC STRUCTURES
IN KHARUNG DIVISION , BILASPUR (C.G.)**



BY: MUSKAN JAISWAL

Roll No : 19102228

B. Tech, Civil Engineering

**SCHOOL OF STUDIES IN ENGINEERING AND TECHNOLOGY,
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Under the guidance of

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|| CERTIFICATE ||


This is to certify that Muskan Jaiswal, student of 6th Semester of Civil Engineering, Institute of Technology, Guru Ghasidas University, Bilaspur has successfully completed his/her vocational training conducted from June 1, 2022 to June 30, 2022 (30 Days).

In this training he/she has acquired knowledge of Construction of Earthen Dams, Diversion/Barrages, Anicuts, Canals and Survey Work etc.

I wish him/her all success and a bright future.

Bilaspur

Date : 05.07.2022


(R.P. Shukla)
Executive Engineer
Kharung W.R. Division
Bilaspur (C.G.)

ABSTRACT

Industrial training offered by **Kharung Water Resources Division, Bilaspur(C.G.)** was fortunate opportunity for me during my third year of under graduation. It helped me to apply my theoretical knowledge gained during the university academic program into real world industrial execution and experience professional construction processes. It helped me to enhance my skills in the field of Irrigation Engineering and provided a lot of practical knowledge about how public organization works in feeding the needs of the general public. It was the very first practical exposure of mine and I am sure it will help as a Civil Engineer to be.

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REFERENCE

**A Training Report on
IRRIGATION SCHEMES AND HYDRAULIC STRUCTURES
IN KHARUNG DIVISION, BILASPUR (CG)**



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SACHIN MISHRA (4th Year)

Roll No.:- 19102243

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CERTIFICATE

This is to certify that Nikhar Soman Sahu, student of 6th Semester of Civil Engineering, Institute of Technology, Guru Ghasidas University, Bilaspur has successfully completed his/her vocational training conducted from June 1, 2022 to June 30, 2022 (30 Days).

In this training he/she has acquired knowledge of Construction of Earthen Dams, Diversion/Barrages, Anicuts, Canals and Survey Work etc.

I wish him/her all success and a bright future.

Bilaspur

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CERTIFICATE

This is to certify that Sachin Mishra, student of 6th Semester of Civil Engineering, Institute of Technology, Guru Ghasidas University, Bilaspur has successfully completed his/her vocational training conducted from June 1, 2022 to June 30, 2022 (30 Days).

In this training he/she has acquired knowledge of Construction of Earthen Dams, Diversion/Barrages, Anicuts, Canals and Survey Work etc.

I wish him/her all success and a bright future.

Bilaspur

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ABSTRACT

Industrial training offered by **Kharung Water Resources Division, Bilaspur(C.G.)** was fortunate opportunity for me during my third year of under graduation. It helped me to apply my theoretical knowledge gained during the university academic program into real world industrial execution and experience professional construction processes. It helped me to enhance my skills in the field of Irrigation Engineering and provided a lot of practical knowledge about how public organization works in feeding the needs of the general public. It was the very first practical exposure of mine and I am sure it will help as a Civil Engineer to be.

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**A TRAINING REPORT ON
DIFFERENT TYPES OF FOUNDATIONS
USED IN
LARGE INDUSTRIAL INSTALLATION LIKE THERMAL POWER PLANT**

Under
REGIONAL LERNING INSTITUTE, NTPC SIPAT



A Maharatna Company

Submitted in Partial Fulfilment of the requirement for the degree of

BACHELOR OF TECHNOLOGY

In

CIVIL ENGINEERING

Submitted By

(PALLAV BIBHU)

(Session 2022-2023)

Under Guidance of

Shri Alok Kumar Tripathi

(GM and Sr. Faculty)

and

Other Members of RLI, NTPC Sipat



**DEPARTMENT OF CIVIL ENGINEERING
SCHOOL OF STUDIES AND IN ENGINEERING AND TECHNOLOGY
GURU GHASIDAS VISHWAVIDHYALAYA
KONI, BILASPUR, CHHATTISGARH.**

CERTIFICATE



REGIONAL LEARNING INSTITUTE, NTPC, SIPAT

क्षेत्रीयज्ञानार्जनसंस्थान, एनटीपीसी, सीपट

CERTIFICATE OF VOCATIONAL TRAINING 2022

औद्योगिक प्रशिक्षण प्रमाण पत्र 2022

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Pallav Bibhu

VT Roll No – VT22CIVIL001

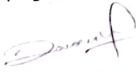
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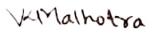
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For satisfactorily completing **Vocational Training at NTPC-Sipat, Bilaspur** for a period of four weeks from 15/06/2022 to 15/07/2022. The participant has successfully completed the course and has also completed the project assigned to him/her as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

ABSTRACT

This Project work is about the study and understand the concept of existing Foundations that are used for building large scale industries through some of the research papers and available blue prints of few industries and thermal power plants.

This Project as an online training has assigned by the members of Regional Learning Centre, NTPC SIPAT, one of the plants from NTPC, A Maharatna company, established on 1975, an Indian public sector company serves the nation with generating quality amount of Electric and distribute it to State Electricity Board.

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A Training Report On
DIFFERENT TYPES OF FOUNDATIONS USED
IN
LARGE INDUSTRIAL INSTALLATIONS LIKE
THERMAL POWER PLANT

Under NTPC , Sipat



GURU GHASIDAS VISHWAVIDYALAYA,
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DEPARTMENT OF CIVIL ENGINEERING

Submitted By

Parul Jadhav

ROLL NO. :-19102232



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औद्योगिक प्रगिक्षण प्रमाण पत्र 2022

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G. Praveen Kumar
Sr. Manager (RLI)

Vikash Malhotra
DGM (RLI-Simulator)

A K Tripathi
GM & Head (RLI-Simulator)

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SUMMER TRAINING REPORT
ON
CONSTRUCTION OF HLRCC BRIDGE

A report submitted in partial fulfillment of the requirement for the award of the degree of

BACHELOR OF TECHNOLOGY
IN
CIVIL ENGINEERING



Submitted to :-

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Assistant Professor

Head of the department

Submitted by :-

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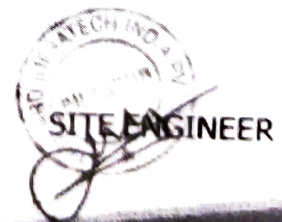
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His performance throughout the training period has been **SATISFACTORY**.

DATE: 25-06-2022



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STAIRCASE DETAILS

PHOTOGRAPHS

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SUMMER TRAINING REPORT
ON
CONSTRUCTION OF DEPARTMENT BUILDING

A report submitted in partial fulfillment of the requirement for the award of the degree of

BACHELOR OF TECHNOLOGY
IN
CIVIL ENGINEERING



Submitted to :-

Mr. R.K CHOUBEY
Assistant Professor

Submitted by :-

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This is to certify that Mr. Penta Dinesh Kiran Rao, Roll no. 19102234, Enrollment no. GGV/19/1196, a student of 6th Semester, B.Tech in Civil Engineering at Department of Civil Engineering, School of Studies in Engineering & Technology, Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G) has successfully completed his summer training (internship) from 17-05-2022 to 18-06-2022 of 30 days under Standard Infratech, India.

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STAIRCASE DETAILS

PHOTOGRAPHS

**A Training Report on
IRRIGATION SCHEMES AND HYDRAULIC STRUCTURES
IN KHARUNG DIVISION**



BY: RAHUL DIXIT
Roll No: 19102237 (4th Year)
B. Tech, Civil Engineering

**SCHOOL OF STUDIES IN ENGINEERING AND TECHNOLOGY,
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This is to certify that Rahul Dixit, student of 6th Semester of Civil Engineering, Institute of Technology, Guru Ghasidas University, Bilaspur has successfully completed his/her vocational training conducted from June 1, 2022 to June 30, 2022 (30 Days).

In this training he/she has acquired knowledge of Construction of Earthen Dams, Diversion Barrages, Anicuts, Canals and Survey Work etc.

I wish him/her all success and a bright future.

Bilaspur

Date : 05.07.2022


(R.P. Shukla)
Executive Engineer
Kharung W.R. Division
Bilaspur (C.G.)

ABSTRACT

Industrial training offered by **Kharung Water Resources Division, Bilaspur(C.G.)** was fortunate opportunity for me during my third year of under graduation. It helped me to apply my theoretical knowledge gained during the university academic program into real world industrial execution and experience professional construction processes. It helped me to enhance my skills in the field of Irrigation Engineering and provided a lot of practical knowledge about how public organization works in feeding the needs of the general public. It was the very first practical exposure of mine and I am sure it will help as a Civil Engineer to be.

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**A Training Report on
IRRIGATION SCHEMES AND HYDRAULIC STRUCTURES
IN KHARUNG DIVISION, BILASPUR (CG)**



BY: ROHIT LAXMAN CHAUDHARI (4TH Year)

Roll No.:- 19102241

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This is to certify that Rohit Laxman Chaudhari, student of 6th Semester of Civil Engineering, Institute of Technology, Guru Ghasidas University, Bilaspur has successfully completed his/her vocational training conducted from June 1, 2022 to June 30, 2022 (30 Days).

In this training he/she has acquired knowledge of Construction of Earthen Dams, Diversion/Barrages, Anicuts, Canals and Survey Work etc.

I wish him/her all success and a bright future.

Bilaspur

Date : 05.07.2022

(R.P. Shukla)
Executive Engineer
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ABSTRACT

Industrial training offered by **Kharung Water Resources Division, Bilaspur(C.G.)** was fortunate opportunity for me during my third year of under graduation. It helped me to apply my theoretical knowledge gained during the university academic program into real world industrial execution and experience professional construction processes. It helped me to enhance my skills in the field of Irrigation Engineering and provided a lot of practical knowledge about how public organization works in feeding the needs of the general public. It was the very first practical exposure of mine and I am sure it will help as a Civil Engineer to be.

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A Training Report On

**CONSTRUCTION OF HIGHER SECONDARY SCHOOL
BUILDING IN KATSIRA BLOCK, KORBA**

BY:-Rosemerry Banjare

ROLL NO:-19102242(4TH YEAR)

B. Tech, CIVIL ENGINEERING



**GURU GHASIDAS VISHWAVIDYALAYA,
SCHOOL OF STUDIES IN ENGINEERING AND
TECHNOLOGY, BILASPUR, C.G.**

Under the guidance of,

Er. MAAN SINGH KANWAR

O/o The EXECUTIVE ENGINEER P.W.D. KORBA



DIVISION KORBA

Ref:- PWD/VT/2022/

Date 06.07.2022

CERTIFICATE

Certified that **Ku. ROSEMERRY BANJARE** student of 6th semester Civil Engineering Belonging to Govt. **Guru Ghasidas Vishvidyalaya Bilaspur (C.G.)** has successfully completed his vocational training from **13.06.2022** to **04.07.2022** following are the areas which he undergone training of Buildings/Road works at PWD. Sub Division Katghora wishing him all success.

Date :- 06.07.2022

Place :- Korba


EXECUTIVE ENGINEER
P.W.D. KORBA BN. KORBA
Executive Engineer
P.W.D. Division Korba (C.G.)

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**A Training Report On
STONE PITCHING UNDER DRAINAGE
GORAKHPUR , U.P , INDIA**



SESSION 2022-23

BY: SAURABH CHAUDHARY

ROLL NO : 19102244

YEAR & SEMESTER : 4th & 7th sem.

DEPARTMENT OF CIVIL ENGINEERING

**SCHOOL OF STUDIES IN ENGINEERING AND TECHNOLOGY,
GURU GHASIDAS VISWHWAVIDYALAYA, BILASPUR, (C.G.)**

Under The Guidance Of

ASSISTANT ENGINEER : Mr. AWADESH CHAUDHARY

CERTIFICATE

कार्यालय अधिशासी अभियन्ता ड्रेनेज खण्ड, गोरखपुर

पत्रांक : / ड्रे0ख0गो0/ओ-1(अप्रेंटिस), दिनांक : 06-07-2022
विषय : ग्रीष्मकालीन प्रशिक्षण के सम्बन्ध में।
संदर्भ : आपका पत्रांक-17/CE/SOS, E&P/GGV/BSP/2022 दिनांक 06.05.2022
विभागाध्यक्ष गुरु घासीदास विश्वविद्यालय विलासपुर।

उपरोक्त विषयक संदर्भित पत्र का अवलोकन करने का कष्ट करें, जिसके द्वारा श्री सौरभ चौधरी, बी0टेक0 सिविल इंजीनियरिंग को इस खण्ड में 1 माह के प्रशिक्षण हेतु नामित किया गया था। श्री सौरभ चौधरी, बी0टेक, सिविल इंजीनियरिंग प्रशिक्षु द्वारा इस खण्ड में दिनांक 30.05.2022 को दिये गये योगदान सूचना के उपरान्त 1 माह के प्रशिक्षण हेतु श्री अवधेश कुमार, सहायक अभियन्ता चतुर्थ, ड्रेनेज खण्ड, गोरखपुर के साथ दिनांक 31.05.2022 से 30.06.2022 तक 1 माह का ग्रीष्मकालीन प्रशिक्षण प्राप्त किया गया।

अधिशासी अभियन्ता
ड्रेनेज खण्ड, गोरखपुर

पत्रांक : 1120 / ड्रे0ख0गो0/तदिनांक

प्रतिलिपि श्री सौरभ चौधरी पुत्र पृथ्वीराज चौधरी, ग्राम-बेलवरिया, पोस्ट-पिकोरा,
जिला-बस्ती को सूचनार्थ प्रेषित।

अधिशासी अभियन्ता
ड्रेनेज खण्ड, गोरखपुर

ABSTRACT

Industrial training offered by **Drainage Division, Gorakhpur, U.P** was fortunate opportunity for me during my third year of under graduation. It helped me to apply my theoretical knowledge gained during the university academic program into real world industrial execution and experience professional construction processes. It helped me to enhance my skills in the field of Irrigation Engineering and provided a lot of practical knowledge about how public organization works in feeding the needs of the general public. It was the very first practical exposure of mine and I am sure it will help as a Civil Engineer to be.

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SUMMER TRAINING REPORT
ON
CONSTRUCTION OF DEPARTMENT BUILDING

A report submitted in partial fulfillment of the requirement for the award of the degree of

BACHELOR OF TECHNOLOGY
IN
CIVIL ENGINEERING



Submitted to :-

Mr. PRAKHAR MODI
Assistant Professor

Submitted by :-

Name: V.B.N.VENKATA SAI
Roll No: 19102246

Department of civil engineering
Guru Ghasidas Vishwavidyalaya (A Central university)

Koni, Bilaspur Chhatisgarh – 495009, India



STANDARDINFRA TECH INDIA PVT LTD.

Plot No. 10 & 46, Standard House, SRI. J. 2nd Phase, Futatabpur, Huzurabad
Road Colony, Madhapally, Hyderabad, Telangana 500777

Certificate

Ref. no - SIIP/MECON/2022-23/105

This is to certify that Mr. Varre Bhanu Nagendra Venkata Sai, Roll no. 19102246, Enrollment no. GCV/19/1293, a student of 6th Semester, B.Tech in

Civil Engineering at Department of Civil Engineering, School of Studies in Engineering & Technology, Guru Chasidas Vishwavidyalaya, Bilaspur (C.G) has successfully completed his summer training (internship) from 17-05-2022 to 18-06-2022 of 30 days under Standard Infratech, India.

His performance throughout the training period has been **SATISFACTORY**.

DATE: 25-06-2022



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REINFORCEMENT

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PHOTOGRAPHS



DEPARTMENT OF CIVIL ENGINEERING
SCHOOL OF STUDIES IN ENGINEERING AND TECHNOLOGY
GURU GHASIDAS VISHWAVIDHYALAYA
KONI, BILASPUR, CHHATTISGARH

A SUMMER INTERNSHIP TRAINING REPORT ON

CONSTRUCTION OF SCHOOL BUILDING

Under

SHREEJIKRUPA PROJECT LIMITED

Submitted in Partial Fulfilment of the requirement for the degree of

BACHELOR OF TECHNOLOGY

In

CIVIL ENGINEERING

Submitted By

ANKATHI BHANU PRAKASH

(Session 2021-2022)

Under Guidance of

SIDHARTH SHARMA

Assistant Engineer

(Site Contractor)

SUMMER INTERNSHIP CERTIFICATE

 **Shreejikrupa Project Ltd.**
Engineers & Contractors

Hari Om Medical Agency, Medical Complex Telpara, Bilaspur-495001 (C.G.)

Email: Shreejikrupaprojectltdbilaspur@gmail.com, Tele: 9425230450

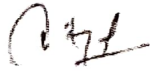
Ref: SKPL/NPCC/KVS/2022/1005

Date: 05.08.2022

Vocational Training Certificate

This is to certify that Mr. Ankathi Bhanuprakash, S/O Ankathi Satyanarayana a student of 6th semester of B-Tech In civil engineering at Guru Ghasidas Vishwavidyalaya (A Central University), Bilaspur, Chattisgarh(CG). He was/has worked with our organization as Training Engineer at the site for one-month vocational training since 23 may 2022 to 15 July 2022. He has executed work at Kendriya Vidyalaya at Saraipali & Naya Raipur (C.G).

*His character and practical conduct are good. We wish him all success in future.



For-Shreejikrupa Project Limited.



ABSTRACT

- School is a basic need of education which indeed results in the development of the country, but a huge amount of money has been invested by the government for constructing school buildings. Low-cost school buildings reduce the total amount of investment for the construction and also facilitate to increase the number of schools in the country.
- In this, a study has been conducted by using various methods and materials to achieve low-cost school building in both economy and safety point of view. This report mainly focuses on construction materials and economy. A few low-cost materials are selected and reports are also included in specification chapter for easy understanding.
- The suggested materials and methods may be useful for constructing school buildings in economically.

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**CONSTRUCTION OF VARIOUS TYPES OF BUILDING IN
GGU PREMISES BILASPUR CHHATISGARH**

A SEMINAR REPORT

**A Report submitted in partial fulfillment of the requirement for the award of
B.tech in Civil Engineering under**

SI IPL/MECON



By

BIPIN KUMAR

Roll no.-18102012

Enrollment no.-GGV/18/1082

Under the guidance of

Er.Manish Yadav (Site Engineer SI IPL)



DEPARTMENT OF CIVIL ENGINEERING

**INSTITUTE OF TECHNOLOGY GURU GHASIDAS VISHWAVIDYALAYA(A
Central University)**



STANDARD INFRA TECH INDIA PVT LTD.

PLOT No. 18 & 48, Standard House, MIG-2, 8th Phase, Kukatpally Housing Board Colony, Kukatpally, Hyderabad, Telangana 500072

Certificate

Ref. no - SIPL/MECON/2022-23/101

This is to certify that **Mr. Bipin Kumar**, Roll no. 18102012, Enrollment no. GGV/18/1082, a student of 6th Semester, **B.Tech in Civil Engineering** at Department of Civil Engineering, School of Studies in Engineering & Technology, Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G) has successfully completed his summer training (internship) from 17-05-2022 to 18-06-2022 of 30 days under Standard Infratech, India.

His performance throughout the training period has been **SATISFACTORY**.



SITE ENGINEER

DATE: 25-06-2022



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**A SUMMER INTERNSHIP TRAINING REPORT ON
INDIVIDUAL RESIDENTIAL BUILDING AT KHAMMAM, TELANGANA**

Under

KRISHIKA CONSTRUCTION WORKS

Submitted in Partial Fulfilment of the requirement for the degree of
BACHELOR OF TECHNOLOGY

In

CIVIL ENGINEERING

Submitted By

DHARAVATH RAKESH

(Session 2021-2022)

Under Guidance of

D.ANIL

(Site Contractor)



**DEPARTMENT OF CIVIL ENGINEERING
SCHOOL OF STUDIES IN ENGINEERING AND TECHNOLOGY
GURU GHASIDAS VISHWAVIDHYALAYA
KONI, BILASPUR, CHHATTISGARH**

Cell : 9660948744



KRISHIKA CONSTRUCTION WORKS

GET NO: 9660948744

9-327 Prashanthi Nagar

Laxmidivipally Mdl, Bhadradi Kothagudem Dist -507 101

Email Id: Krishikaconstructions7@gmail.com

Date...11.07.2022

This is to certify that Shri/Ku **DHARAVATH RAKESH s/o**
DHARAVATH BALU Student of **GURU GHASIDAS**
VISHWAVIDYALAYA, Bilaspur has been done training
under Our Working Engineer Incharge in construction
site.He/She has been done training from **10/06/2022 to**
10/07/2022 & gained experience in Building & Roads Works
(Rigid & Flexible pavements) including testing of Building &
Road Material under **KRISHIKA CONSTRUCTION**
WORKS Bhadradi kothagudem , Telangana.

He is sincere , Hardworking and his conduct during training is
commendable.

We wish him all the best for his future Endeavours.



Scanned with CamScanner

SUMMER INTERNSHIP CERTIFICATE

ABSTRACT

The Project Report is consisting of brief study and description of materials, equipment's and procedures used at the site for constructing of a individual residential building and also put the best to elaborate the actual site conditions and the problem faced at site and the tactics used to deal with them

The main objective of this report is to present a systematic text on the execution of the construction of the individual residential building based on Indian Standard codes. The report also covers the fundamental aspects of practical requirement such as safety, feasibility, and economy at site.

In this the report the objective was to introduce wherever necessary.

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**AN ONLINE TRAINING REPORT ON
DIFFERENT TYPES OF FOUNDATIONS
USED IN
LARGE INDUSTRIAL INSTALLATION LIKE THERMAL
POWER PLANT**

Under
REGIONAL LERNING INSTITUTE, NTPC SIPAT



Submitted in Partial Fulfilment of the requirement for the degree of
BATCHELOR OF TECHNOLOGY

In
CIVIL ENGINEERING

Submitted By
(G.LOKESH NAIDU)
(Session 2021-2022)

Under Guidance of
Shri Alok Kumar Tripathi
(GM and Sr. Faculty)

and
Other Members of RLI, NTPC Sipat



**DEPARTMENT OF CIVIL ENGINEERING
SCHOOL OF STUDIES AND IN ENGINEERING AND TECHNOLOGY
GURU GHASIDAS VISHWAVIDHYALAYA
KONI, BILASPUR, CHHATTISGARH.**



REGIONAL LEARNING INSTITUTE, NTPC, SIPAT

क्षेत्रीयज्ञानार्जनसंस्थान, एनटीपीसी, सीपत

CERTIFICATE OF VOCATIONAL TRAINING 2022

औद्योगिक प्रशिक्षण प्रमाण पत्र 2022

Ref No. RLI/SIPAT/CERT/2022/VT22CIVIL006

THIS CERTIFICATE IS AWARDED TO

GOLLU LOKESHNAIDU

VT Roll No – VT22CIVIL006

Civil Engineering

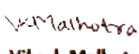
GGU BILASPUR

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)

ABSTRACT

This Project work is about the study and understand the concept of existing Foundations that are used for building large scale industries through some of the research papers and available blue prints of few industries and thermal power plants.

This Project as an online training has assigned by the members of Regional Learning Centre, NTPC Sipat, one of the plants from NTPC, A Maharatna company, established on 1975, an Indian public sector company serves the nation with generating quality amount of Electric and distribute it to State Electricity Board.

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SUMMER TRAINING REPORT
ON
CONSTRUCTION OF HLRCC BRIDGE

A report submitted in partial fulfillment of the requirement for the award of the degree of

BACHELOR OF TECHNOLOGY
IN
CIVIL ENGINEERING



Submitted by:

Name: Om Prakash

Roll no: 18102020

Department of civil engineering
Guru Ghasidas Vishwavidyalaya (A Central university)
Koni, Bilaspur Chhattisgarh – 495009, India

No. - 3640

Date - 11/08/2022

BIHAR RAJYA PUL NIRMAN NIGAM LIMITED



7, SARDAR PATEL MARG, PATNA - 800 015.

ISO:9001:2015, REG.NO.:1017QFH01

TRAINING CERTIFICATE

This is to certify that **MR OM PRAKASH**, Roll.No./ Reg.No./ Enroll.no./ University.no./ Scholar.no./PRN.no/ USN.no/ Student-Id.- 18102020 Student of **CIVIL ENGINEERING, GURU GHASIDAS VISHWAVIDYALAYA**, has successfully completed his / her Vocational Training under **BIHAR RAJYA PUL NIRMAN NIGAM LIMITED** from **01-06-2022 to 30-06-2022**.

This Certificate is being issued on the basis of Senior Project Engineer, **WORKS DIVISION DARBHANGA, LETTER NO-793, DT- 26-07-2022**.

11/8/2022
Secretary (Planning & Administration)
B.R.P.N.N.Ltd, Patna

Lalok
11/8/2022

ABSTRACT

The training report in broad spectrum contains six sections in which I will try to explain my one-month learning experience in the running project bridge construction in KUSESHWAR STHAN. The content of all section is briefly explained and it is made from the practical basis of the site work and learnings that they taught us on site.

In section A, I give few details of different stages of the project. In this section I put all the details of the work done in the same manner at the site for the completion of the project.

In section B, I tried to explain the features of the project like the project details, the costinvolved, the length of the Bridge, no of well involved, cost involved, etc.

In section C, I tried to explain the components involved in the Bridge construction. It has been categorized into three parts the foundation part, the sub structure and the superstructure part.

In section D, I tried to explain all the machines and equipment's used in the wholeconstruction with their respective pictures.

The section E is the most important chapter in which I've provided construction procedure of the components involved with some practical images whatever I clicked during the whole training period.

In the section F, I tried to explain all the related tests on the materials involved in the construction the tests on the aggregates, cement, soil, load carrying capacity of well.

After reading all the sections one can easily understand about few basics of Bridgeconstruction procedure, dimension and equipment's of the project

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A Training Report On
CONSTRUCTION AT WORKSHOP OF GOVERNMENT
POLYTECHNIC COLLEGE BUILDING, KONI

BY- PRANJAN PAINKRA

ROLL NO: 18102022(4TH YEAR)

B. TECH CIVIL ENGINEERING



GURU GHASIDAS VISHWAVIDYALAYA,
SCHOOL OF STUDIES IN ENGINEERING AND
TECHNOLOGY, BILASPUR, C.G.

Under the guidance of,

MR. PARIMAL SHUKLA

SUB- ENGINEER (PWD

BILASPUR)

Government of Chhattisgarh, India



PUBLIC WORK DEPARTMENT

CERTIFICATE

SESSION - 2022

No. 3271

Date 12-06-2022


" This is to certify that Mr./Ms./Mrs. **PRANJAN PAINKRA**
a student of **B.TECH. (Civil Engineering)** 6th Semester of

137

GURU GHASIDAS VISHWAVIDHYALAYA BILASPUR (C.G.) has
undergone vocational training from 16/05/2022 to 12/06/2022 Under Sub
Division Koni, Division No. 1 at Building and Road Construction site at
Bilaspur. (C.G.)

"His / Her performance during this training period was excellent."

"We wish her / him a bright future."


ARIMAL SHUKLA
SUB ENGINEER
Sub Engineer
P.W.D. Sub Division Koni
Bilaspur (C.G.)

ABSTRACT

Industrial training offered by public works department Bilaspur (C.G.) was fortune opportunity for us during our third year of under graduation it helped us to apply our theoretical knowledge gained during the university academic programme into real world industrial based execution and experience professional construction process it helped us to enhance our skill and to enrich our industrial knowledge by keeping us update with the latest technologies this opportunity is extremely helped us to expose into and environment where We could think as a civil engineer.

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VOCATIONAL TRAINING

A REPORT SUBMITTED IN PARTIAL
FULFILMENT OF THE REQUIREMENT FOR
THE DEGREE OF

BACHELOR OF TECHNOLOGY
IN
CIVIL ENGINEERING
ON

"WORKSHOP GOVT POLYTECHNIC,
COLLEGE BUILDING CONSTRUCTION"

SUBMITTED BY
PRAPHUL KUMAR BHARTI
GGV/18/1218
ROLL NO - 18102023



DEPARTMENT OF CIVIL ENGINEERING
INSTITUTE OF TECHNOLOGY
GURU GHASIDAS VISHWAVIDYALAYA,
BILASPUR, (C.G.)
INDIA

Government of Chhattisgarh, India



PUBLIC WORK DEPARTMENT

CERTIFICATE

SESSION - 2022


Date 15-07-2022

" This is to certify that Mr./Ms./Mrs. **PRAPHUL KUMAR BHARATI**
a student of B.Tech. (Civil Engineering) 6th Semester of

Guru Ghasidas Vishwavidyalaya Bilaspur (C.G.) has undergone vocational training from 16/05/2022 to 21/06/2022 Under Sub Division Koni, Division No. 1 at WORKSHOP GOVT. POLYTECHNIC COLLEGE Building Construction site at Bilaspur. (C.G.)

"His / Her performance during this training period was excellent."

"We wish her / him a bright future."


Sub Engineer
PARDMA SHUKLA
SUB ENGINEER
W. O. Dt. 02
SUB DIVISION - KONI
BILASPUR (C.G.)

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SUMMER TRAINING REPORT
ON
CONSTRUCTION OF HLRCC BRIDGE

A report submitted in partial fulfillment of the requirement for the award of the degree of

BACHELOR OF TECHNOLOGY
IN
CIVIL ENGINEERING



Submitted by:

Name: Rahul Kumar

Roll no: 18102027

Department of civil engineering
Guru Ghasidas Vishwavidyalaya (A Central university)

Koni, Bilaspur Chhattisgarh – 495009, India

No. - 3642

Date - 11/08/2022

BIHAR RAJYA PUL NIRMAN NIGAM LIMITED



7, SARDAR PATEL MARG, PATNA - 800 015.

ISO:9001:2015, REG.NO.:1017QFH01

TRAINING CERTIFICATE

This is to certify that **MR. RAHUL KUMAR**, Roll No / Reg No / Enroll no / University.no / Scholar.no / PRN.no / USN.no / Student-Id.- **18102027** Student of **CIVIL ENGINEERING, GURU GHASIDAS VISHWAVIDYALAYA**, has successfully completed his / her Vocational Training under **BIHAR RAJYA PUL NIRMAN NIGAM LIMITED** from **01-06-2022 to 30-06-2022**.

This Certificate is being issued on the basis of Senior Project Engineer, **WORKS DIVISION DARBHANGA, LETTER NO-793, DT- 26-07-2022.**

Bd
11/8/2022
Secretary (Planning & Administration)
B R P N N Ltd, Patna

12/8/2022

ABSTRACT

The training report in broad spectrum contains six sections in which I will try to explain my one-month learning experience in the running project bridge construction in KUSESHWAR STHAN. The content of all section is briefly explained and it is made from the practical basis of the site work and learnings that they taught us on site.

In section A, I give few details of different stages of the project. In this section I put all the details of the work done in the same manner at the site for the completion of the project.

In section B, I tried to explain the features of the project like the project details, the cost involved, the length of the Bridge, no of well involved, cost involved, etc.

In section C, I tried to explain the components involved in the Bridge construction. It has been categorized into three parts the foundation part, the sub structure and the superstructure part.

In section D, I tried to explain all the machines and equipment's used in the whole construction with their respective pictures.

The section E is the most important chapter in which I've provided construction procedure of the components involved with some practical images whatever I clicked during the whole training period.

In the section F, I tried to explain all the related tests on the materials involved in the construction the tests on the aggregates, cement, soil, load carrying capacity of well.

After reading all the sections one can easily understand about few basics of Bridge construction procedure, dimension and equipment's of the project

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SUMMER TRAINING REPORT
ON
CONSTRUCTION OF CIVIL ENGINEERING
DEPARTMENT BUILDING

A report submitted in partial fulfillment of the requirement for the award of the degree of

BACHELOR OF TECHNOLOGY

IN

CIVIL ENGINEERING



Submitted to :-

Mr. NIKHIL KUMAR VERMA

Assistant Professor

Submitted by:-

Name: SOURAV RAJ

Roll No: 18102035

Department of civil engineering
Guru Ghasidas Vishwavidyalaya (A Central university)

Koni, Bilaspur Chhatisgarh – 495009, India

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Certificate

Ref. no - SIPL/MECON/2022-23/102

This is to certify that Mr. **Sourav Raj**, Roll no. 18102035, Enrollment no. GGV/18/1305, a student of **6th Semester, B.Tech in Civil Engineering** at Department of Civil Engineering, School of Studies in Engineering & Technology, Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G) has successfully completed his summer training (internship) from **17-05-2022** to **18-06-2022** of **30 days** under Standard Infratech, India.

His performance throughout the training period has been **SATISFACTORY**.



SITE ENGINEER

DATE: 25-06-2022

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ABOUT

PROJECT OVERVIEW

BRIEF SPECIFICATIONS

SOIL TESTING

SURVEY EQUIPMENTS

EQUIPMENTS USED

BUILDING MATERIAL USED

CONCRETE MIX DESIGN

QUALITY CONTROL QC

FOUNDATION ANALYSIS

REINFORCEMENT

STAIRCASE DETAILS

PHOTOGRAPHS

CERTIFICATE

AN ONLINE TRAINING REPORT ON
DIFFERENT TYPES OF FOUNDATIONS
USED IN
LARGE INDUSTRIAL INSTALLATION LIKE THERMAL
POWER PLANT

Under
REGIONAL LERNING INSTITUTE, NTPC SIPAT



A Maharatna Company

Submitted in Partial Fulfilment of the requirement for the degree of
BACHELOR OF TECHNOLOGY

In

CIVIL ENGINEERING

Submitted By

THANNI SAI KRISHNA

(Session 2021-2022)

Under Guidance of

Shri Alok Kumar Tripathi

(GM and Sr. Faculty)

and

Other Members of RLI, NTPC Sipat



DEPARTMENT OF CIVIL ENGINEERING
SCHOOL OF STUDIES IN ENGINEERING AND TECHNOLOGY
GURU GHASIDAS VISHWAVIDHYALAYA
KONI, BILASPUR, CHHATTISGARH.

- 0 -



REGIONAL LEARNING INSTITUTE, NTPC, SIPAT

क्षेत्रीयज्ञानार्जनसंस्थान, एनटीपीसी, सीपत
CERTIFICATE OF VOCATIONAL TRAINING 2022
औद्योगिक प्रशिक्षण प्रमाण पत्र 2022

Ref No. RLI/SIPAT/CERT/2022/VT22CIVIL004

THIS CERTIFICATE IS AWARDED TO

THANNI SAI KRISHNA

VT Roll No – VT22CIVIL004

Civil 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)

INTERNSHIP CERTIFICATE

ABSTRACT

This Project work is about the study and understand the concept of existing Foundations that are used for building large scale industries through some of the research papers and available blue prints of few industries and thermal power plants.

This Project as an online training has assigned by the members of Regional Learning Centre, NTPC Sipat, one of the plants from NTPC, A Maharatna company, established on 1975, an Indian public sector company serves the nation with generating quality amount of Electricity Through Coal Based Power Plants and distribute it to State Electricity Board.

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**A Training Report On
CONSTRUCTION OF M. TECH LAB IN**

**GOVERNMENT ENGINEERING COLLEGE BUILDING IN
KONI, BILASPUR(CHHATTISGARH)**

BY:- SAURABH KOSHLE

ROLL NO. :- 18102032

B. Tech, CIVIL ENGINEERING



GURU GHASHIDAS VISHWAVIDYALAYA

**SCHOOL OF STUDIES IN ENGINEERING &
TECHNOLOGY, BILASPUR(C.G.)**

Under the guidance of,

Mr. PARIMAL SHUKLA

SUB-ENGINEER, (PWD KONI)



Government of Chhattisgarh, India

PUBLIC WORK DEPARTMENT

CERTIFICATE

SESSION - 2022

No. 3271


Date 12-06-2022

" This is to certify that Mr./Ms./Mrs. SAURABH KOSHLI
a student of B.TECH. (Civil Engineering) 6th Semester of

GURU GHASIDAS VISHWAVIDHYALAYA BILASPUR (C.G.) has
undergone vocational training from 16/05/2022 to 12/06/2022 Under Sub
Division Koni, Division No. 1 at Building and Road Construction site at
Bilaspur. (C.G.)

"His / Her performance during this training period was excellent."

"We wish her / him a bright future."


ARIMAL SHUKLA
Sub-Engineer

P.W.D. Sub Divn. Koni
SUB-DIVISION Koni
Bilaspur (C.G.)

ABSTRACT

fortune opportunity for us during our third year of under graduation it helped us to apply our theoretical knowledge gained during the university academic Programme into real world industrial based execution and experience professional construction Industrial training offered by public works department koni, Bilaspur (C.G.) was process it helped us to enhance our skill and to enrich our industrial knowledge by keeping us update with the latest technologies this opportunity is extremely helped us to expose into and environment where We could think as a civil engineer.

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