

NTPC_{MONTHLY}SIPAT

PROJECT REPORT



This report is made to deliver a few aspects of the project “**Steam Turbine Governing System**” that need to be evaluated thoroughly.



CONTENTS

CHAPTER 1 : POWER SECTOR	01
CHAPTER 2 : ABOUT NTPC	03
CHAPTER 3 : NTPC SIPAT	04
CHAPTER 4 : ELECTRIC POWER GENERATION	05
CHAPTER 5 : STEAM TURBINE	08
CHAPTER 6 : RANKINE CYCLE	11
CHAPTER 7 : STEAM TURBINE GOVERNING	15
CHAPTER 8 : MODERN & RECENT DEVELOPEMENTS	22



REGIONAL LEARNING INSTITUTE, NTPC, SIPAT
क्षेत्रीय ज्ञानार्जन संस्थान, एनटीपीसी, सीपत
CERTIFICATE OF VOCATIONAL TRAINING - 2024
व्यावसायिक प्रशिक्षण प्रमाण पत्र- 2024

Ref No. RLI/SIPAT/VT/CERT/2024/VT-MECH-204

THE CERTIFICATE IS AWARDED TO

Shiwani Baraik

Roll No - VT-MECH-204

MECH

Guru Ghasidas University, Koni, Bilaspur



For satisfactorily completing **Vocational Training at NTPC, Sipat, Bilaspur** for a period of four weeks from 10/06/2024 to 13/07/2024. 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: 18/07/2024


Nakka Ramesh
Sr. Manager (RLI)


Anshul Rajan Singh
Sr. Manager (RLI)


AK Tripathi
GM & Head (RLI-Simulator)