****

**Sagar Institute of Research & Technology, Bhopal**

**Department of Electronics and Communication Engineering**

**Internship Report**

**on**

**“Signaling & Communication System of Indian Railways”**

Submitted in partial fulfillment of the requirement for the award of degree of Bachelor of Technology in Electronics & Communication Engineering



**Submitted to Submitted By**

**TG Name** Dr. Shalini Sahay **Student Name: Astha Agrawal**

**Enrollment No**: 0133EC211024

**Dr. Uday Panwar**

(HOD, ECE Dept.)

**ATTACH CERTIFICATE**

**(COLOUR PHOTOCOPY)**

**Sagar Institute of Research & Technology, Bhopal**

**Department of Electronics and Communication Engineering**

**DECLARATION**

This is to certify that the Internship report titled “**Signaling & Communication System of Indian Railways**” being submitted by “**Astha Agrawal**” (0133EC211024) student of VII semester in Department of Electronics and Communication Engineering, Sagar Institute of Research & Technology Bhopal has completed her Internship during the period from Date: 06/08/2024 To 26/08/2024

Date:13/11/2024 Student Name: **Astha Agrawal**

Place: Bhopal Enrollment No. 0133EC211024

**Sagar Institute of Research & Technology, Bhopal**

**Department of Electronics and Communication Engineering**

**ACKNOWLEDGEMENT**

ACKNOWLEDGEMENT

I take this opportunity to express my sincere gratitude to all those who have been helpful in the

successful completion of my internship . I would like to show my greatest appreciation to the

highly esteemed and devoted technical staff, supervisors of the “company name city name” .

I am highly indebted to them for their tremendous support and help during the completion my

internship.

My special thanks goes to “Manager/Trainer, company name/Institute Name ” for acceptance my

request for providing Internship and giving me an opportunity to be a trainee of “company name

”. I would like to thank to all those people who directly or indirectly helped and guided me to

complete my training , including the following instructors and technical officers of various

section

.

I am especially thankful Dr. Rajiv Srivastava, Director (SIRT, Bhopal) for his kind co- operation

and rendering me all possible facilities.

I express my thanks to Dr. Ritu Shrivastava HOD Computer Science & Engineering dept. SIRT

Bhopal for kind support

I take this opportunity to express my sincere gratitude to all those who have been helpful in the successful completion of my internship. I would like to show my greatest appreciation to the highly esteemed and devoted technical staff, supervisors of the “**Department of Signal & Telecommunication of Indian Railways (Ministry of Railways) Divisional Office of DRM(S&T), Bhopal**”. I am highly indebted to them for their tremendous support and help during the completion my internship.

My special thanks to “**Mr. Rao Abhishek Singh, DRM(S&T), Divisional Office of DRM(S&T), Bhopal**” for acceptance my request for providing Internship and giving me an opportunity to be a trainee of “**Department of Signal & Telecommunication of Indian Railways**”. I would like to thank to all those people who directly or indirectly helped and guided me to complete my training, including the following instructors and technical officers of various section.

I am especially thankful **Dr. Rajiv Srivastava**, Director (SIRT, Bhopal) for his kind co- operation and rendering me all possible facilities.

I express my thanks to **Dr. Uday Panwar**, HOD Department of Electronics & Communication Engineering, Sagar Institute of Research & Technology, Bhopal for kind support.

I am thankful to all staff members of the ECE department and my friends for their timely help co- operation and suggestion during my work. Lastly but not the least, I must express thanks to my family, without their moral support it was impossible for me to complete this work.

Student Name: **Astha Agrawal**

Enrollment No. 0133EC211024

**Sagar Institute of Research & Technology, Bhopal**

**Department of Electronics and Communication Engineering**

**TABLE OF CONTENTS**

|  |  |  |
| --- | --- | --- |
| **S.No.** | **Title** | **Page No.** |
| 1. | Objective of Internship |  |
| 2. | Company Profile |  |
| 3. | Introduction |  |
| 4. | Technology/Tools Used in Internship |  |
| 5. | Brief Description of Internship |  |
| 6. | Conclusion |  |