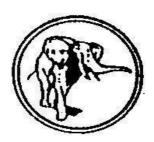
SUMMER TRAINING REPORT



INDIAN OIL CORPORATION LIMITED (GUWAHATI REFINERY)

DURATION: 01st June, 2024 to 30th June, 2024



GURU GHASIDAS VISHWAVIDYALAYA, BILASPUR (C.G)



Submitted By:NIRANJAN ROY
B. Tech, 6th Semester, 3rd Year
Chemical Engineering Department

Guided By:-

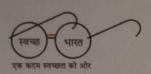
MR. VIKARAM RAWAT

Production Manager, (PNM) IOCL GUWAHATI REFINERY

Date of Submission: 30-06-24

Table of Contents

| Sl. No | Торіс | Page Number |
|--------|---|-------------|
| 1 | Indian Oil Corporation Ltd (The Energy of India) | 1 |
| 2 | Overview of IOCL Guwahati Refinery | 2-3 |
| 3 | Fire & Safety Department of Indian Oil Corp. Ltd | 4 -5 |
| 4 | Plot of Guwahati Refinery & Different Units | 6 |
| 5 | Crude Distilation Unit | 7-11 |
| 6 | Delayed Coking Unit | 12-15 |
| 7 | Motor Spirit Quality Unit | 16-18 |
| 8 | Indmax Unit | 19-24 |
| 9 | Hydrogen Generation Unit | 25-26 |
| 10 | Hydro Treater Unit | 27-31 |
| 11 | Sulfur Recovery Unit | 32-34 |
| 12 | Bharat Stage (BS ₆ & BS ₄) | 35 |
| 13 | Conclusion with Future Scope | 36 |
| 14 | Reference | 37 |
| | | |



रिफाइनरीज प्रभाग Refineries Division

इंडियन ऑयल कॉर्पोरेशन लिमिटेड

रिफाइनरीज प्रभागः गुवाहाटी रिफाइनरी नूनमाटी, गुवाहाटी-७८१०२० (असम)

Indian Oil Corporation Limited

Refineries Division : Guwahati Refinery Noonmati, Guwahati-781020, Assam

: 0361-2657250, 2657251

EPABX : 0361-2597000

Website : www.iocl.com

E-mail id : GR@indianoil.com





Guwahati Refinery

To Whom It May Concern

This is to certify that NIRANJAN ROY(2024001182), a student of 6th Semester in B. Tech in Chemical Engineering from GURU GHASIDAS UNIVERSITY, Bilaspur, Chhattisgarh has undertaken internship at Indian Oil Corporation Limited, Guwahati Refinery from 01-06-2024 to 29-06-2024.

During the internship, he/ she has been found to be punctual and diligent. After completion of the internship, he/ she has submitted an Industrial Training/Project Report at Indian Oil Corporation Limited, Guwahati Refinery

Project Name: STUDY OF DIFFERENT REFINERY UNITS & ITS OPERATION.

Project Guide: Mr. Vikaram Rawat, Production Manager(PNM)

We wish him/ her all success in life.

Dated: 29-06-2024

Place: Guwahati Refinery

वरिष्ठ प्रयंधक (प्रयंधन संवा,अध्ययण एव विकाश) Senior Manager (MS,L&D) आई ओ सो एल गुवाताटी रिफाइनरी नुनमाटी गुवाहाटी-२० IOCL, Guwahati Refinery, Noonmati, Guwahati-20