

AN INDUSTRIAL TRAINING REPORT ON

**HINDUSTAN PETROLEUM CORPORATION LIMITED
VISAKH REFINERY**



**TECHNICAL DEPARTMENT
FLUID CATALYTIC CRACKING
HPCL – VR**

Submitted in partial fulfilment of requirements

**Under Apprenticeship for the award of
BTECH IN CHEMICAL ENGINEERING
Submitted by**

**BODA SURESH
(GGV/21/01515)**



GURU GHASIDAS VISHWAVIDYALAYA

BILASPUR ,CHATTISGARH -405009



CERTIFICATE

This is to certify that BODA SURESH Reg. No. GGV/21/01515 a bonafied student of GURU GHASIDAS VISHWAVIDYALAYA, BILASPUR CHATTISGARH has undergone Summer Internship for 6 weeks in **HINDUSTAN PETROLEUM CORPORATION LIMITED VISAKH REFINERY**

From 01-06-2024 to 14-07-2024 During the period of internship he involved in all activities carried out in Technical department and acquired good knowledge about FCCU – I(R).

During the period of training his conduct was found to be

Mr. B RAJESH NAIK
Chief Manager- (Technical)
HPCL - VR
VISAKHAPATNAM

INDEX

1. PROFILE OF VISAKH REFINERY	6
2. INTRODUCTION TO FLUID CATALYTIC CRACKING.	12
3. GENERAL PROCESS DESCRIPTION	15
4. FEED ANDP PRODUCT CHARACTERISTICS	20
5. UTILITIES.	28
6. SAFETY	36
7. PROCESS FLOW DIAGRAM OF FCCU	40