



IndianOil

**INDIAN OIL CORPORATION LIMITED (IOCL)
BARAUNI REFINERY**

**SUMMER VOCATIONAL TRAINING
REPORT**

**TRAINING DURATION
(15/05/2023 – 14/06/2023)**

SUBMITTED TO: -

Mrs. Krishna Kumari

Manager (L&D)

Indian Oil Corporation Limited (IOCL)

Barauni Refinery, Begusarai-851114 (Bihar)

SUBMITTED BY: -

Gourav Kumar

(GGV/20/01520)

B.Tech (Chemical Engineering)

School of Studies of Engineering & Technology,
Guru Ghasidas Viswavidyalaya (A Central University),

Bilaspur, Chhattisgarh

CONTENTS

- ACKNOWLEDGMENT
- INTRODUCTION
- FIRE & SAFETY TRAINING
- OVERVIEW OF REFINERY OPERATION
- OVERVIEW OF REFINERY PROCESS
- PRODUCTION DEPARTMENT
- ATMOSPHERIC & VACUUM DISTILLATION UNIT (AVU)
- CATALYTIC REFORMING UNIT (CRU)
- MOTOR SPIRIT QUALITY (MSQ)
- COKER
- BARAUNI EXPANSION PROJECT (BXP)
- DIESEL HYDROTREATING (DHDT)
- HYDROGEN GENERATION UNIT (HGU)
- SULPHUR RECOVERY UNIT (SRU)
- RESIDUE FLUIDIZED CATALYTIC CRACKER UNIT (FCCU)
- LPG RECOVERY UNIT (LRU)
- OIL MOVEMENT & STORAGE (OM&S)
- CONCLUSION