

## ABOUT THE INTERNSHIP

In today's rapidly evolving manufacturing and I.C. engine sectors, the need for hands-on experience in the field of manufacturing and I.C. engine is more vital than ever.

This Intensive Summer Internship Program is designed to bridge the gap between classroom theory and industrial application. It combines Manufacturing Technology and I.C. Engine practices with practical training in Manufacturing Technology and I.C. Engine maintenance.

### **PROGRAM HIGHLIGHTS**

- Hands-on training in Manufacturing Technology and I.C. Engine.
- Hands-on practices on IC Engine assembly & disassembly
- Performance and emission analysis on IC engine
- Mentorship by expert practitioners
- Certification upon successful completion

### **KEY LEARNING MODULES**

#### **Manufacturing Technology**

- Lathe operations (turning, facing, threading etc.)
- Milling, shaper and drilling
- Sand mould preparation.
- Arc, MIG & TIG Welding

#### **IC Engine**

- Engine components & working (2-stroke & 4-stroke)
- Diagnosis of common engine issues (e.g., knocking, overheating)

Ideally, this internship suits students pursuing a Diploma, and B.Tech. in Mechanical Engineering, Manufacturing Engineering, Production Engineering, or related disciplines.

### DURATION & COURSE FEE PER PARTICIPANT

**Schedule:** Starting from 1<sup>st</sup> June to 11<sup>th</sup> July 2026.

**Course fee:** Rs. 1000/- payable to 'student fund'  
A/C No. 10635508860, IFSC: SBIN0011812

To register go to the link given below:

<https://forms.gle/EV5kH4cAtmszE5DX8>

## ORGANIZING COMMITTEE



**Patron**  
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**DEPARTMENT OF  
MECHANICAL ENGINEERING  
BIT SINDRI, DHANBAD**



**'Industry-Based Practices: Manufacturing Technology and  
I.C. Engine'**



*Offers*

**Summer Internship**

**On**

**Manufacturing Technology and I.C. Engine:  
Hands-on Practices**

**Period: 1<sup>st</sup> June – 11<sup>th</sup> July 2026**

**AT  
DEPARTMENT OF  
MECHANICAL ENGINEERING  
BIT SINDRI, DHANBAD  
JHARKHAND**