



PRIYADARSHINI COLLEGE OF ENGINEERING
Priyadarshini Campus, Digdoh Hills, Hingna, Road, Nagpur-440019
Department of Electrical Engineering



Report on “Practical Exposure of Working of Air Compressor”

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| 1. Title | : Practical Exposure of Working of Air Compressor |
| 2. Date | : 18/10/22 |
| 3. Conduction Duration | : 1 hr |
| 4. Venue | : Mechanical Engineering Laboratory |
| 5. Event Resource Person | : Prof. Satish Lokhande |
| 6. Subject teacher | : Dr.S.N.Dhurvey |
| 7. No. of Students | : 25 |
| 8. PO covered | : 2,3,4,9,10 |
| 9. PSO covered | : 1,2 |
| 10. Objectives | : To make students practically observe the operation of compressor for converting power using (using an electric motor, diesel or gasoline engine, etc.) into potential energy stored in pressurized air (compressed air). |



9. Outcome: Students get the knowledge of practical demonstration of kinetic energy provided by the compressed air can be used for variety of applications.

Name and Signature of Subject teacher

(Dr. S.N. Dhurvey)

PRIYADARSHINI COLLEGE OF ENGINEERING, NAGPUR

DEPARTMENT OF ELECTRICAL ENGINEERING

Teaching Learning Process

Initiatives in improving instructional methods / Assessment method

Instruction method used: Technical Quiz/Analogy/ use of e-Resources (NPTEL,DTEL, e-journals, e-books, e-learning, etc) / Presentations / Expert Lectures / Group Discussion / Study Groups/ Real World Examples / Surprise test/Open book test/ Objective Test / Visit/ In house Workshop /Value added course / Participation in technical fest / Virtual Lab. / Any other _____

Session: 2023-24 Semester: 4th Sem Section: A'

Subject: Power System

Topic: Power System & Switch Gear & its Working

CO: CO4 PO: 1, 2, 8, 9

Objective: To understand the practical application of Power System & its equipments.

Implementation Method:

Visited to PCE Indoor Substation 11kV/415V.

Impact/Conclusion:

Student student be able to understand the working and maintenance of indoor substation equipment at regular intervals. Distribution of supply to various blocks/building of PCE Campus.

Enclosures:

1. One page report
2. Attendance sheet.

Date: 6/4/24

Name & Signature of Faculty

Prof. Mr R. S. Helke.

PRIYADARSHINI COLLEGE OF ENGINEERING, NAGPUR

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Session: 2023-24 Semester: 5th Sem Section: A


Subject: Power System

Topic: PCE Indoor 11KV/415V Sub-station

Date: 06/04/2024

Photograph:




Name & Signature of Faculty
Prof. M.R. Shelke.