

LESSON PLAN

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|------------------------|-----|---|--|---|
| DISCIPLINE: | | SEMESTER: 4 th | NAME OF TEACHING FACULTY: D. Raj Sunari Sarala Mahapatra | |
| SUBJECT: Thermal Engg. | | NO. OF DAYS/PER WEEK CLASS ALLOTTED: 03 | TO DATE: 14-02-22 | |
| WEEK | | CLASS DAY | THEORY/PRACTICAL SUBJECTS | |
| 1ST | 1ST | | | |
| | 2ND | | | |
| | 3RD | | | |
| | 4TH | | | |
| | 5TH | | | |
| | 6TH | | | |
| 2ND | 1ST | | | |
| | 2ND | | | |
| | 3RD | | | |
| | 4TH | | | |
| | 5TH | | | |
| | 6TH | | | |
| 3RD | 1ST | | | Introduction on performance of i.c engine, Define mechanical efficiency |
| | 2ND | | | mechanical efficiency, indicated power efficiency |
| | 3RD | | | Relative efficiency, brake thermal efficiency, overall efficiency |
| | 4TH | | | x |
| | 5TH | | | mean effective pressure & specific fuel consumption |
| | 6TH | | | |

| DISCIPLINE: | SEMESTER: | NAME OF TEACHING FACULTY: |
|---------------------------|---|---|
| SUBJECT: Thermal engg. | 4 th | |
| | NO. OF DAYS/PER WEEK CLASS ALLOTTED: 4 | SEMESTER FROM DATE: 14-02-23 |
| | | TO DATE: 14-02-23 |
| | | NO. OF WEEKS: 03 |
| 4TH | 1ST | Define air-fuel ratio + calorific value of fuel |
| | 2ND | Numerical on above |
| | 3RD | Numerical of I.P, Otto Brake thermal efficiency |
| | 4TH | |
| | 5TH | Numerical on above |
| | 6TH | |
| 5TH | 1ST | Introduction on air compressor, function |
| | 2ND | Function of compressor and industrial use of compressor |
| | 3RD | Classify air compressors and principle of operation |
| | 4TH | |
| | 5TH | Describe parts and working principle of air compressor. |
| | 6TH | |

Prasanna
10/02/23

HEAD OF DEPT.

H.O.D.
Mechanical Engg.
SIET, KORAPUT

Prasanna
PRINCIPAL 10/02/2023

Principal
Siddharth Institute of Engineering & Technology
Ektaguda, Koraput