

# Engineering Thermodynamics By R Yadav

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### DEPARTMENT OF MECHANICAL ENGINEERING SYLLABUS

DEPARTMENT OF MECHANICAL ENGINEERING SYLLABUS Name of the Subject Engineering Graphics Subject Code 0020211 (ME)

Thermodynamics - R Yadav 2 Production Technology - Hajra & Choudhary 3 Strength of Materials - Timoshenko & Young Reference Books:- 1

Engineering Thermodynamics - PK Nag 2 Thermodynamics - Cengel and Boles 3

### **B. E. Semester: 3 Mechanical Engineering Subject Name ...**

3 Fundamentals of Engineering Thermodynamics by RYadav, Central Publishing House, Allahabad 4 Thermodynamics - An Engineering Approach by Yunus Centel & Boles, Tata Mc Graw-Hill, New Delhi 6 Thermodynamics by JP Holman, Tata Mc Graw-Hill 7 An introduction to Thermodynamics by YVC Rao, New Age publishers, New Delhi 8

### **B. E. Semester: III Automobile Engineering Subject Name ...**

Fundamentals of Engineering Thermodynamics by RYadav, Central Publishing House, Allahabad 4 Thermodynamics - An Engineering Approach by Yunus Centel & Boles, Tata Mc Graw-Hill, New Delhi 6 Thermodynamics by JP Holman, Tata Mc Graw-Hill 7 An introduction to Thermodynamics by YVC Rao, New Age publishers, New Delhi

### **K L University Department of Mechanical Engineering ...**

PKNag "Engineering Thermodynamics", TMH, New Delhi RYadav "Applied Thermodynamics" CBH, Allahabad 4 PKNag "Power Plant Engineering (Steam and Nuclear)", TMH 5 Kearton "Steam Turbines Theory and Practice"-, ELBS Note: use of steam tables and refrigeration and air-conditioning tables is permitted in university

### **JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ...**

2 Thermal Engineering / Ballaney / Khanna Pub 3 Gas Turbines / Cohen, Rogers and Saravana Muttoo / Addison Wesley - Longman 4 Thermal

Engineering / RS Khurmi & JS Gupta / S Chand Pub 5 Thermodynamics and Heat Engines / R Yadav / Central Book ...

### **UNIVERSITY OF MUMBAI - engineering**

Thermal Engineering by P L Ballany, Khanna Publishers 6 Engineering Thermodynamics by CP Arora, Tata McGraw Hill Publications 7

Thermodynamics and Heat Engines by R Yadav, Central Publishing house 8 Engineering Thermodynamics through Examples by Y ...

### **Elements of Mechanical Engineering - PVPSIT**

Fundamentals of Mechanical Engineering / GSSawheny- PHI 2 An Integrated Course in Mechanical Engineering / RKRajput /Biral Publications

References: 1 Thermodynamics and Heat Engines / R Yadav / Central Book Depot 2 Strength of Materials by RKBansal, Laxmi Publishers 3

Engineering Mechanics Statics and dynamics by AKTayal

### **Deepak Yadav, Ph.D. - Harcourt Butler Technical University**

8 Kavaiya Ashish R, Yadav, D, Prasad R, Promotional effects of Co and Ce as promoter on V-W-Ti catalyst for selective catalytic reduction of NO,

Asian Journal of Science and technology, 08 (2017) 4087-4092 9 Singh, P, Yadav, D, Prasad R, Studies on H<sub>2</sub> assisted LPG reduction of NO over Ag/

Al<sub>2</sub>O<sub>3</sub> catalyst, Bulletin of Chemical Reaction Engineering & Catalysis, 13 (2018) 227-235

### **FOUR YEAR B.E. DEGREE COURSE MECHANICAL ...**

MEC 214 Engineering Thermodynamics - I 5 70 30 4 MEC 215 Machine Drawing 3 70 30 4 MEC 216 Manufacturing Technology - I 5 70 30 4 Applied

Thermodynamics-I by R Yadav, Central Book House 3 Engineering Thermodynamics by K Ramakrishna, Anuradha agencies References Books:

### **UNIVERSITY OF MUMBAI - engineering**

2 Engineering Thermodynamics- A Generalized Approach by P L Dhar, ELSEVIER 3 Thermodynamics by P K Nag, TMH, 5TH Edition 4 Modern

Engineering Thermodynamics by Robert T Balmer, ELSEVIER 5 Thermodynamics and Heat Engines by R Yadav, Central Publishing house 6

Thermodynamics by Onkar Singh, New Age International 7

### **Applied Thermodynamics & Heat Transfer 712101N**

8 Basic Engineering Thermodynamics by T Ray chaudhary 9 Fundamentals of Engineering thermodynamics, R Yadav 10 Advanced thermodynamics

Engineering, Kalyan Annamalai & Ishwar K Puri, CRC Press Heat Transfer: 11 Fundamentals of Heat Transfer, Incropera 12 Heat, Mass and

Momentum transfer, Rohsenow and Choi Prentice Hall 13

### **GUJARAT TECHNOLOGICAL UNIVERSITY, AHMEDABAD, ...**

1 Thermodynamics R Yadav CPH 2 Thermodynamics for Engineers ML M thur Dhanpatrai & sons 3 Heat Engines C S h ah & N P dy Charotar Publi

House 4 Elements of Heat Engines Vol I&II RC Patel & Karamchandani Acharya Book Depot 6 Thermodynamics SAAD Prentice-Hall 7 Engineering

Thermodynamics- 2nd edition

### **Theoretical Exergy Analysis of HFO-1234yf and HFO-1234ze ...**

R-1234yf was having 57% less capacity and 7% higher COP than R-410a Yana Motta et al [17] experimentally established that performance of

HFO-1234yf was similar to R-134a in a representative vending machine Additionally, HFO-1234ze when tested in the vending machine with a 75%

larger displacement compressor had

### **DS KUMAR ENGINEERING THERMODYNAMICS PDF**

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Prerequisite Thermodynamics, Fluid mechanics COURSE OUTCOME - At the end of this course, the students will be able to 1 Understand and explain principle of operation of steam turbine 2 Understand, analyze and Draw velocity diagram in turbo machinery stages at inlet and Fundamentals of Engineering Thermodynamic - R Yadav - CPH

### **Dwarkadas J. Sanghvi College of Engineering**

Engineering Thermodynamics by R K Rajput, Laxmi Publications Internal Combustion Engine by Domkundwar 3 Thermal Engineering by Mahesh Rathod, McGraw-Hill Publications 4 Thermal Engineering by P L Ballany, Khanna Publishers 5 Thermodynamics and Heat Engines by R Yadav, Central Publishing house

### **M.E. ENERGY ENGINEERING**

5 4 Yadav, R, Heat and Mass Transfer, Central Publishing House, 1995 IC9112 ADVANCED THERMODYNAMICS L T P C 3 1 0 4 UNIT I AVAILABILITY ANALYSIS AND ...

### **COURSE CODE COURSE TITLE L T P C 1151AE105 AERO ...**

1 Yunus A Cengel / Michael A Boles, "Thermodynamics - An Engineering Approach", (SI Units), Tata Mc Graw Hill India, 7th edition, Special Indian Edition 2011 2 P K Nag, "Engineering Thermodynamics", Tata McGraw Hill, New Delhi, 6th Edition, 2008 3 Rathakrishnan E, "Fundamentals of Engineering Thermodynamics", Prentice-Hall

### **GUJARAT TECHNOLOGICAL UNIVERSITY M.E Semester: 1**

11 Engineering Thermodynamics by Jones & Dugan 12 Engineering Thermodynamics by P K Nag 13 Basic Engineering Thermodynamics by T Ray chaudhary 14 Fundamentals of Engineering thermodynamics, R Yadav 15 Advanced thermodynamics Engineering, Kalyan Annamalai & Ishwar K Puri, CRC Press 16 Heat and Mass Transfer, RKRajput 17

### **Book Name Writer Remark - mrec.edu.np**

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