

NPTEL Video Lecture Topic List - Created by LinuXpert Systems, Chennai

NPTEL Video Course - Aerospace Engineering - NOC:Advance Aircraft Maintenance

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Co-ordinating Institute - IIT - Kanpur

Sub-Titles - Available / Unavailable | MP3 Audio Lectures - Available / Unavailable

Lecture 1 - Introduction to Engines
Lecture 2 - Introduction to Engines (Continued...)
Lecture 3 - Construction of Reciprocating Engine
Lecture 4 - Construction of Reciprocating Engine (Continued...)
Lecture 5 - Construction of Reciprocating Engine (Continued...)
Lecture 6 - Lubrication System
Lecture 7 - Lubrication System Demonstration
Lecture 8 - Lubrication System (Continued...)
Lecture 9 - Induction System
Lecture 10 - Induction System (Continued...)
Lecture 11 - Cooling System
Lecture 12 - Exhaust System
Lecture 13 - Cooling and Exhaust System (Lab Session)
Lecture 14 - Engine fuel and Fuel Metering Systems
Lecture 15 - Engine Fuel and Fuel Metering Systems (Continued...)
Lecture 16 - Engine Fuel and Fuel Metering Systems (Lab Session)
Lecture 17 - Carburetor troubleshooting and Fuel Injection System
Lecture 18 - Fuel injection Systems (Continued...)
Lecture 19 - Fuel System
Lecture 20 - Ignition system
Lecture 21 - Ignition system (Continued...)
Lecture 22 - Ignition system (Lab session)
Lecture 23 - Basics of propeller and maintenance
Lecture 24 - Aircraft Reciprocating Engine Inspection - Part 1
Lecture 25 - Aircraft Reciprocating Engine Inspection - Part 2
Lecture 26 - Aircraft Reciprocating Engine Inspection - Part 3
Lecture 27 - Checklist for Aircraft Reciprocating Engine Maintenance
Lecture 28 - Aircraft Maintenance (Aircraft Performance Point of View)

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