

List of PPTs available in department Repository

All PPTs are available in department library for easy access.

| S. No | Subject | Topics covered through PPTs |
|-------|---------------------------------------|---|
| 1 | Automobile engineering | (1)Steering system (2)Braking system (3)Fuel injection in CI system (4)Gear Box (5)SI and CI engine emission system (6)Suspension system |
| 2 | Theory of Machine | (1) Gears and Gear train (2) CAM and Follower (3) Gear (4) Kinematic linkage and mechanism (5) Introduction to Theory of machine |
| 3 | Mechanics of solid | (1) Shear force and Bending moment diagram (2) Thin and Thick cylinder (3) Unsymmetrical bending in beams |
| 4 | Thermodynamics | (1)Methods of Determination of Dryness Fraction of Steam (2) I. C. Engine And its types |
| 5 | Advance Welding Technology | (1) Welding process (2) SMAW |
| 6 | Manufacturing science & Technology-I | (1) Jigs and Fixtures (2) HERF and Powder metallurgy (3) LECTURE ON BENDING ,SPRINGBACK AND PRESSES CLASSIFICATION |
| 7 | Manufacturing science & Technology-II | (1) Lathe machining operations (2) UCM (3) Machine Tools |
| 8 | Power Plant Engineering | (1) Hydraulic power plant (2) Nuclear power (3) Thermal power plant |
| 9 | IC ENGINE | IC engine design |
| 10 | Machine Design-I | Keys and coupling |
| 11 | Machine Design-II | (1) Design of Bearing (2) Rolling contact Bearing |
| 12 | Measurement & Metrology | Introduction to measurement |
| 13 | Material Science | (1)Introduction to ceramic, plastic, and Composite materials (2) Introduction to BIS & ASTM codes and practice on material and testing |
| 14 | Heat & Mass Transfer | (1) Heat exchanger (2) Fins |

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| | | <ul style="list-style-type: none"> (3) Thermal radiation (4) Convection (5) Heat exchanger (6) CONDUCTION CARTESIAN COORDINATE |
| 15 | Fluid Mechanics | An introduction to fluid mechanics course |
| 16 | Advance Thermodynamics | <ul style="list-style-type: none"> (1) Boiler mounting and Accessories (2) Boiler (3) Jet propulsion (4) Steam condensers |
| 17 | Robotics | <ul style="list-style-type: none"> (1) Fluid power (2) Introduction to Automation (3) Robotic Applications in Automotive Manufacturing |
| 18 | MATHS | The t test |
| 19 | Nondestructive testing | <ul style="list-style-type: none"> (1) Introduction to NDT (2) Ultrasonic testing |
| 20 | Quality Management | <ul style="list-style-type: none"> (1) STATISTICAL QUALITY CONTROL (2) Quality Control (3) Total Quality Management |
| 21 | Computer Aided Design | Geometric transformations |
| 22 | Refrigeration and Air Conditioning | <ul style="list-style-type: none"> (1) Cascade vapor compression refrigeration system (2) Actual Vapor Compression cycle |