

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

NPTEL Video Course - Mechanical Engineering - NOC:Weldability of Metals

Subject Co-ordinator - Dr. D. K. Dwivedi

Co-ordinating Institute - IIT - Roorkee

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

Lecture 1 - Understanding Weldability

Lecture 2 - Understanding Weldability

Lecture 3 - Metal Properties and Weldability - I

Lecture 4 - Metal Properties and Weldability - II

Lecture 5 - Weldability of Work Hardenable Metals

Lecture 6 - Weldability of Work Hardenable and Precipitation Strengthened Metals

Lecture 7 - Weldability of Precipitation Strengthened Metals

Lecture 8 - Weldability of Metals Strengthened by Grain Refinement, dispersion Hardening and Transformation H

Lecture 9 - Weldability of Transformation Hardening Metals

Lecture 10 - Weldability of Metals

Lecture 11 - Weldability Consideration

Lecture 12 - Weldability of Carbon and Alloy Steel - I

Lecture 13 - Weldability of Carbon and Alloy Steel - II

Lecture 14 - Weldability of Carbon and Alloy Steel - III

Lecture 15 - Weldability of Low Carbon Steel and Mild Steel

Lecture 16 - Weldability of Medium Carbon Steel and High Carbon Steel

Lecture 17 - Weldability of Carbon and Welding Processes - I

Lecture 18 - Weldability of Carbon and Welding Processes - II

Lecture 19 - Weldability of Carbon Steel and Welding Processes - III

Lecture 20 - Weldability of Carbon Steel and Radiation Welding and Thermal Cutting

Lecture 21 - Weldability of High Strength Low Alloy Steels

Lecture 22 - Weldability of Q&T Steels - I

Lecture 23 - Weldability of Q&T Steels - II

Lecture 24 - Weldability of Q&T Steels - III

Lecture 25 - Weldability of Q&T Steels - IV

Lecture 26 - Weldability of HTLA Steel - I

Lecture 27 - Weldability of HTLA Steel - II

Lecture 28 - Weldability of Cr-Mo Steel - I

Lecture 29 - Weldability of Cr-Mo Steel - II

---

Get Digi-MAT (Digital Media Access Terminal) For High-Speed Video Streaming of NPTEL and Educational Video Courses in LAN

[www.digimat.in](http://www.digimat.in)

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

---

- Lecture 30 - Weldability of Cr-Mo Steel - III
- Lecture 31 - Weldability of Pre-Coated Steel - I
- Lecture 32 - Weldability of Pre-Coated Steel - II
- Lecture 33 - Weldability of Stainless Steel - I
- Lecture 34 - Weldability of Stainless Steel - II
- Lecture 35 - Weldability of Martensitic Stainless Steel - I
- Lecture 36 - Weldability of Martensitic Stainless Steel - II
- Lecture 37 - Weldability of Ferritic Stainless Steel - I
- Lecture 38 - Weldability of Austenitic Stainless Steel - I
- Lecture 39 - Weldability of Austenitic Stainless Steel - II
- Lecture 40 - Weldability of PH Stainless Steel