

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

NPTEL Video Course - Chemical Engineering - NOC:Equipment Design: Mechanical Aspects

Subject Co-ordinator - Prof. Shabina Khanam

Co-ordinating Institute - IIT - Roorkee

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

Lecture 1 - Introduction
Lecture 2 - Stress and Strain Relationship - 1
Lecture 3 - Stress and Strain Relationship - 2
Lecture 4 - Terminologies
Lecture 5 - Design of shell
Lecture 6 - Design of heads - 1
Lecture 7 - Design of heads - 2
Lecture 8 - Design of heads - 3
Lecture 9 - Compensation for Opening - 1
Lecture 10 - Compensation for Opening - 2
Lecture 11 - L D ratio
Lecture 12 - Design of Flanges - 1.1
Lecture 13 - Design of Flanges - 1.2
Lecture 14 - Design of Flanges - 2.1
Lecture 15 - Design of Flanges - 2.2
Lecture 16 - Design of support - 1
Lecture 17 - Design of support - 2
Lecture 18 - Vessel under external pressure - 1
Lecture 19 - Vessel under external pressure - 2
Lecture 20 - Vessel under very high pressure