

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

NPTEL Video Course - Chemical Engineering - NOC:Introduction to Process Modeling in Membrane Separation Proce

Subject Co-ordinator - Prof. S. De

Co-ordinating Institute - IIT - Kharagpur

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

Lecture 1 - Fundamentals of Separation Processes and Introduction of Membrane System

Lecture 2 - Fundamentals of Separation Processes and Introduction of Membrane System (Continued...)

Lecture 3 - Fundamentals of Separation Processes and Introduction of Membrane System (Continued...)

Lecture 4 - Fundamentals of Separation Processes and Introduction of Membrane System (Continued...)

Lecture 5 - Modeling of Reverse Osmosis

Lecture 6 - Concentration Polarization

Lecture 7 - Osmotic Pressure Controlling Filtration

Lecture 8 - Osmotic Pressure Controlling Filtration (Continued...)

Lecture 9 - Osmotic Pressure Controlling Filtration (Continued...)

Lecture 10 - Osmotic Pressure Controlling Filtration (Continued...)

Lecture 11 - Osmotic Pressure Controlling Filtration (Continued...)

Lecture 12 - Osmotic Pressure Controlling Filtration (Continued...)

Lecture 13 - Modeling of Gel Layer Controlling Filtration

Lecture 14 - Modeling of Gel Layer Controlling Filtration (Continued...)

Lecture 15 - Modeling of Gel Layer Controlling Filtration (Continued...) and Resistance in Series Models

Lecture 16 - Design of Membrane Module

Lecture 17 - Design of Membrane Module (Continued...)

Lecture 18 - Design of Membrane Module (Continued...)

Lecture 19 - Modeling of Dialysis

Lecture 20 - Modeling of Dialysis (Continued...)