

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

NPTEL Video Course - Ocean Engineering - Ship Resistance and Propulsion

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Co-ordinating Institute - IIT - Madras

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

- Lecture 1 - Syllabus and Introduction
- Lecture 2 - Seaway Effects on Resistance
- Lecture 3 - Ship Types and Powering Aspects
- Lecture 4 - Frictional Resistance and Turbulence Stimulation
- Lecture 5 - Wave Making Resistance
- Lecture 6 - Bulbous Bow on Ship Resistance
- Lecture 7 - Air and Wind Resistance Dimensional Analysis - I
- Lecture 8 - Dimensional Analysis - II, Model Tests and Ship Resistance Prediction Methods - I
- Lecture 9 - Model Tests and Ship Resistance Prediction Methods - II
- Lecture 10 - Model Tests and Ship Resistance Prediction Methods - III
- Lecture 11 - Resistance in Shallow Water
- Lecture 12 - Canal Effects on Resistance Holtrap-Mennen Method for Ship Resistance Prediction
- Lecture 13 - Ship Resistance Prediction Methods - I
- Lecture 14 - Ship Resistance Prediction Methods - II
- Lecture 15 - Resistance of Advanced Marine Vehicles - I
- Lecture 16 - Resistance of Advanced Marine Vehicles - II
- Lecture 17 - Resistance of Advanced Marine Vehicles - III