

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

NPTEL Video Course - Aerospace Engineering - NOC:Introduction to Finite Volume Methods-II

Subject Co-ordinator - Prof. Ashoke De

Co-ordinating Institute - IIT - Kanpur

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

Lecture 1 - Linear solvers - I  
Lecture 2 - Linear solvers - II  
Lecture 3 - Linear solvers - III  
Lecture 4 - Linear solvers - IV  
Lecture 5 - Linear solvers - V  
Lecture 6 - Linear solvers - VI  
Lecture 7 - Linear solvers - VII  
Lecture 8 - Linear solvers - VIII  
Lecture 9 - Convection term discretisation - I  
Lecture 10 - Convection term discretisation - II  
Lecture 11 - Convection term discretisation - III (Private)  
Lecture 12 - Convection term discretisation - IV (Private)  
Lecture 13 - Convection term discretisation - V (Private)  
Lecture 14 - Convection term discretisation - VI (Private)  
Lecture 15 - Convection term discretisation - VII (Private)  
Lecture 16 - Convection term discretisation - VIII  
Lecture 17 - Convection term discretisation - IX  
Lecture 18 - High Resolution Schemes - I  
Lecture 19 - High Resolution Schemes - II  
Lecture 20 - High Resolution Schemes - III  
Lecture 21 - High Resolution Schemes - IV  
Lecture 22 - High Resolution Schemes - V  
Lecture 23 - High Resolution Schemes - VI  
Lecture 24 - High Resolution Schemes - VII  
Lecture 25 - Temporal discretisation - I  
Lecture 26 - Temporal discretisation - II  
Lecture 27 - Temporal discretisation - III  
Lecture 28 - Temporal discretisation - IV  
Lecture 29 - Discretisation of the Source Term, Relaxation and Other Details - I

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

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- Lecture 30 - Discretisation of the Source Term, Relaxation and Other Details - II
- Lecture 31 - Fluid Flow Computation
- Lecture 32 - Fluid Flow Computation
- Lecture 33 - Fluid Flow Computation
- Lecture 34 - Fluid Flow Computation
- Lecture 35 - Fluid Flow Computation
- Lecture 36 - Fluid Flow Computation
- Lecture 37 - Fluid Flow Computation
- Lecture 38 - Fluid Flow Computation
- Lecture 39 - Fluid Flow Computation
- Lecture 40 - Some Advanced Topics - I