

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

NPTEL Video Course - Chemistry and Biochemistry - NOC:Chemistry of Main Group Elements

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Co-ordinating Institute - IIT - Bombay

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

- Lecture 1 - Classification of Elements and Periodic Properties
- Lecture 2 - Periodic Properties, Periodic Trends and Classification of Main Group Compounds
- Lecture 3 - Classification of Main Group Compounds
- Lecture 4 - Effective Nuclear Charge
- Lecture 5 - Structure and Bonding Aspects
- Lecture 6 - Structure and Bonding Aspects
- Lecture 7 - Structure and Bonding Aspects
- Lecture 8 - Structure and Bonding Aspects
- Lecture 9 - Structure and Bonding Aspects
- Lecture 10 - Structure and Bonding Aspects
- Lecture 11 - Structure and Bonding Aspects
- Lecture 12 - Structure and Bonding Aspects
- Lecture 13 - Chemistry of Hydrogen
- Lecture 14 - Chemistry of Hydrogen
- Lecture 15 - Chemistry of Hydrogen, Hydrides and Hydrogen Bonding
- Lecture 16 - Chemistry of Group 1 Elements
- Lecture 17 - Chemistry of Group 1 Elements
- Lecture 18 - Chemistry of Group 1 Elements
- Lecture 19 - Chemistry of Group 1 Elements
- Lecture 20 - Chemistry of Group 2 Elements
- Lecture 21 - Chemistry of Group 2 Elements
- Lecture 22 - Chemistry of Group 2 Elements
- Lecture 23 - Chemistry of Group 2 Elements
- Lecture 24 - Chemistry of Group 2 Elements
- Lecture 25 - Chemistry of Group 13 Elements
- Lecture 26 - Chemistry of Group 13 Elements
- Lecture 27 - Chemistry of Group 13 Elements
- Lecture 28 - Chemistry of Group 13 Elements
- Lecture 29 - Chemistry of Group 13 Elements

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- Lecture 30 - Wades Rules
- Lecture 31 - Chemistry of Group 13 Elements
- Lecture 32 - Chemistry of Group 14 Elements
- Lecture 33 - Chemistry of Group 14 Elements
- Lecture 34 - Chemistry of Group 14 Elements
- Lecture 35 - Chemistry of Group 14 Elements
- Lecture 36 - Chemistry of Group 14 Elements
- Lecture 37 - Chemistry of Group 14 Elements
- Lecture 38 - Chemistry of Group 14 Elements
- Lecture 39 - Chemistry of Group 15 Elements
- Lecture 40 - Chemistry of Group 15 Elements
- Lecture 41 - Chemistry of Group 15 Elements
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- Lecture 43 - Chemistry of Group 15 Elements
- Lecture 44 - Chemistry of Group 15 Elements
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- Lecture 46 - Chemistry of Group 15 Elements
- Lecture 47 - Chemistry of Group 16 Elements
- Lecture 48 - Chemistry of Group 16 Elements
- Lecture 49 - Chemistry of Group 16 Elements
- Lecture 50 - Chemistry of Group 16 Elements
- Lecture 51 - Chemistry of Group 16 Elements
- Lecture 52 - Chemistry of Group 17 Elements
- Lecture 53 - Chemistry of Group 17 Elements
- Lecture 54 - Chemistry of Group 18 Elements
- Lecture 55 - Chemistry of Group 12 Elements
- Lecture 56 - Organometallic Compounds of Main Group Elements
- Lecture 57 - Organometallic Compounds of Main Group Elements
- Lecture 58 - Organometallic Compounds of Main Group Elements
- Lecture 59 - Organometallic Compounds of Main Group Elements
- Lecture 60 - Overall Summary