

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

NPTEL Video Course - Architecture - NOC:Building Materials and Composites

Subject Co-ordinator - Prof. Sumana Gupta

Co-ordinating Institute - IIT - Kharagpur

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

Lecture 1 - Introduction to the course
Lecture 2 - Clay products - 1
Lecture 3 - Clay products - 2
Lecture 4 - Stone
Lecture 5 - Stone (Continued...)
Lecture 6 - Introduction to wood
Lecture 7 - Wood
Lecture 8 - Defects of wood and Wood joinery
Lecture 9 - Engineered wood
Lecture 10 - Bamboo
Lecture 11 - Glass
Lecture 12 - Glass (Continued...)
Lecture 13 - Glass (Continued...)
Lecture 14 - Glass wall and glass insulation
Lecture 15 - Ceramic tiles and vitrified tiles
Lecture 16 - Introduction to concrete
Lecture 17 - Fine Aggregates
Lecture 18 - Coarse Aggregates
Lecture 19 - Cement
Lecture 20 - Water, Plasticizer admixture and tests
Lecture 21 - Introduction to prefabricated items
Lecture 22 - CMU, AAC and Pavement Blocks
Lecture 23 - Precast Wall Panels
Lecture 24 - Floor panels
Lecture 25 - Columns, foundation, ferro-cement
Lecture 26 - Introduction to metals
Lecture 27 - Ferrous Metals 1 - Cast and Wrought Iron
Lecture 28 - Ferrous metals 2 - Steel
Lecture 29 - Ferrous metals 2 - Reinforcement bars, Corrosion, Light Gauge Steel

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- Lecture 30 - Non-ferrous metals
- Lecture 31 - Damp proofing
- Lecture 32 - Damp proofing methods and materials
- Lecture 33 - Thermal insulation and sound insulation
- Lecture 34 - Insulation, Bitumen and Gypsum
- Lecture 35 - Composites
- Lecture 36 - Paints
- Lecture 37 - Paints (Continued...)
- Lecture 38 - Paints (Continued...)
- Lecture 39 - Plastics
- Lecture 40 - Plastics (Continued...)