

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

NPTEL Video Course - Civil Engineering - NOC:Advanced Topics in Science and Technology of Concrete

Subject Co-ordinator - Prof. Ravindra Gettu, Prof. Manu Santhanam

Co-ordinating Institute - IIT - Madras

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

- Lecture 1 - Aggregates and their effects on concrete properties - Part 1
- Lecture 2 - Aggregates and their effects on concrete properties - Part 2
- Lecture 3 - An overview of recycled concrete aggregates (RCA): sources and types - Part 1
- Lecture 4 - An overview of recycled concrete aggregates (RCA): sources and types - Part 2
- Lecture 5 - Recycled Concrete Aggregate (RCA): Availability, Collection, and Processing Methods - Part 1
- Lecture 6 - Recycled Concrete Aggregate (RCA): Availability, Collection, and Processing Methods - Part 2
- Lecture 7 - Recycled Concrete Aggregates: Properties and Performance - Part 1
- Lecture 8 - Recycled Concrete Aggregates: Properties and Performance - Part 2
- Lecture 9 - Recycled Concrete Aggregates: Properties and Performance - Part 3
- Lecture 10 - Recycled Concrete Aggregates: Properties and Performance - Part 4
- Lecture 11 - Recycled Concrete Aggregates: Properties and Performance - Part 5
- Lecture 12 - Effect of moisture condition on the microstructure and design of RCA concrete - Part 1
- Lecture 13 - Effect of moisture condition on the microstructure and design of RCA concrete - Part 2
- Lecture 14 - Overview and generation of recycled concrete fines
- Lecture 15 - Utilisation of recycled concrete fines
- Lecture 16 - Recycled Concrete Aggregates: Properties, Design, and Standards
- Lecture 17 - Environmental impact and life cycle assessment (LCA) - Part 1
- Lecture 18 - Environmental impact and life cycle assessment (LCA) - Part 2
- Lecture 19 - Construction supply chains - Part 1
- Lecture 20 - Construction supply chains - Part 2
- Lecture 21 - Recycled concrete aggregates market: problems and prospects - Part 1
- Lecture 22 - Recycled concrete aggregates market: problems and prospects - Part 2

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