

Lecture 6.39: Definition of repair, rehabilitation and retrofitting

Concrete Technology (DI04006011)

Civil Engineering Department

Lecture Agenda

- 1. Definition of repair, rehabilitation and retrofitting
- 2. Summary and Q&A

6.1 Definition of repair, rehabilitation and...

- Repair: Restoring a damaged or degraded structure to an acceptable functional condition.
- Rehabilitation: Upgrading a structure to meet the original service level or current safety standards.
- Retrofitting: Strengthening an existing structure to enhance its performance beyond its original design.
- Seismic Retrofitting: Specifically upgrading structures to withstand earthquake forces.
- The goal is to extend the service life and ensure structural integrity safely.

Summary

- Recap of the specific material properties and methods discussed.
- Always refer back to the standard IS codes for parameter limits.