

Objectives and Course Content of Short Term Courses

Operational Plan No.	CE-21
Name of the Course	Recycling Materials in Highway Construction
Objectives of Course	<ul style="list-style-type: none">• The participants shall be able to understand Need to Rehabilitation and Recycling and appreciate need of recycling due to environmental considerations.• Methods to Excavate the Materials from site.• Know the types of constructions where the materials can be used.• Able to prepare Mix using recycled materials.• Analyse the economy and scope of recycled materials.
Course Content	<ul style="list-style-type: none">• Environmental aspect, Need for Recycling.• Appropriate retrieval of aggregate-mix.• Evaluation/characterization of old materials.• Milling operations.• Hot- in place recycling.• Use of admixtures/rejuvenators in designing Mixes.• Usage in Granular layers• Engineering methods to determine optimum quantity of recycled material.
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