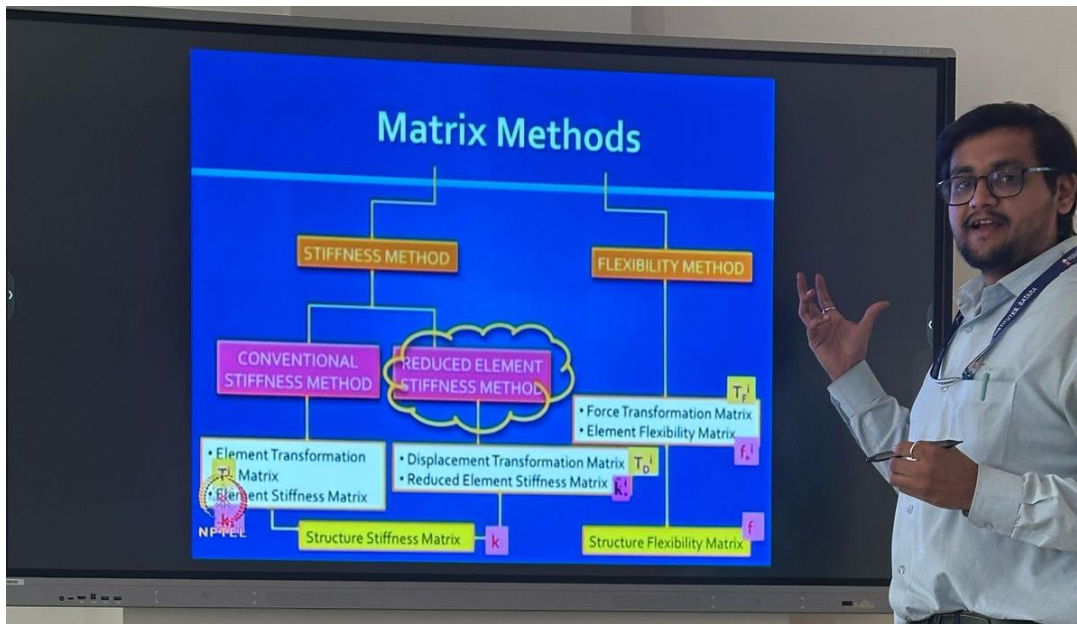


DEPARTMENT OF CIVIL ENGINEERING

Review Report

Review of Innovations by the
 Faculty (Prof A. S. Shah) in Teaching and Learning
 (Review to be sent to civilhod@yes.edu.in)
 Details of Innovative Practice

1. Subject Area	Matrix Method
2. Innovative Practice	NPTEL/YouTube videos used for effective understanding
3. Goals/Objectives	i)) To provide prior knowledge of matrix analysis of space frame to students. ii) To help students understand the methods for matrix for force and displacement method.
4. Methodology	i) Sharing an NPTEL video related to matrix analysis for better understanding of types of matrix. ii) Conducting ICT session in theory class. iii) The students are expected to: <ul style="list-style-type: none"> • Understand the matrix methods. • Make a list of queries/doubts. • Discuss and clarify doubts with the course teacher.
5. Significance of results	i) Encourages self-learning and independent analysis. ii) Promotes reflective thinking and problem-solving approaches.



Video Sharing session on Matrix method

Vision: To become centre of excellence by producing Civil engineers having research and development activity, sound technical knowledge, professional skills and social awareness to serve society.

Mission:

- M1: To impart quality technical education through interactive teaching learning method.
- M2: To promote research and development activity by encouraging creativity and exposure to real world problem.
- M3: To mentor students for innovating thinking with relevance to entrepreneurship
- M4: To develop social awareness in graduates to serve society