

**D.Y.PATIL TECHNICAL CAMPUS POLYTECHNIC,
TALSANDE**

Expert Lecture on

**“Cement Manufacturing Process: Technology,
Challenges and Sustainability”**

Date: -25/08/2025

Name:-Mr. Mahesh Bendre

Profile: - Quality In charge of JK Cement Ltd.

Introduction of Guest: - He has ten years industry experience working as a Quality In charge of JK Cement Ltd

Topics Covered:-

- ❖ Explained the step-by-step cement manufacturing process – raw material extraction, crushing, grinding, blending, clinker production, and final grinding.
- ❖ Highlighted the role of modern technology and automation in improving efficiency, precision, and quality control.
- ❖ Discussed major challenges faced by the industry.
- ❖ Emphasized the importance of sustainability measures
- ❖ Concluded with a discussion on future trends and opportunities for creating a sustainable and eco-friendly cement industry

