

Faculty Name: Sayali S Bahalkar

Designation: Assistant Professor

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**BIO**

I, **Sayali Satish Bahalkar** am working as an Assistant Professor in the Civil Engineering department of SIEM, Nasik, India. I got my Masters in Construction Management. I am certified Chartered Engineer from Institute of Engineers. My research interest is in Risk Management and analysis. This includes Cost Escalation as a Risk in Construction Contracts. My research has been disseminated in several internationally reputed journals and conferences. I have supervised many undergraduate students. My peripheral interests lie in activities that include Green Building Grading using IGBC and Structural audits, and structural stability certification.

Qualification:

1. B.E (Civil Engineering)
2. M.Tech (Construction Management & Technology)
3. AMIE, Chartered Engineer

Paper Publications details:

1. International Journal: 01
2. International Conference: 04
3. Article: 00

Area Research Work:

1. Crack detection using Image Processing
2. Cost escalation as a Risk in Construction Contracts

3. Green Building Grading using IGBC
4. Risk analysis in BOT Projects- A case study on Hyderabad Metro
5. Risk assessment of High-Rise Buildings in Fast Track Construction projects using RII
6. Case study of Analysis of Factors affecting inventory Management in Construction Projects using RII
7. Comparative analysis of Reinforced Concrete Oblique Columns and Y-shaped columns by using ETAB

Experience:

1. Industry experience: 1 Year
2. Teaching experience:03Months
3. Research experience:02 Years

Subjects:

1. Transportation Engineering
2. Construction Management
3. Surveying
4. Architectural Town Planning,
5. Construction Economics and Finance.