



## Suraj C Tandale

Ph.D. Pursuing (Civil Engineering), M.E. (Construction Management), B.E. (Civil Engineering)

Assistant Professor

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**Experience: 7 years**

### Research Interest

Construction Project Management, New Construction Materials, Total Quality Management, Geotechnical Anchors, Project Financial Management, Ground Improvement Techniques, Soil Stabilization Techniques

### Research Publications and Citations

International Journal: 4

International Conferences: 0

National Conferences: 4

### Attended Workshop

- Session on “Mathematical Modelling” at VJTI, Mumbai “ Three Day program for PG and PhD students on problem solving” organized by VJTI, Mumbai 22-24 Feb 2018.
- Attended a session on “teaching and learning ” at Faculty Development Program on TAE, Pune March 2017
- Workshop on "Research Methodology for Ph.D. aspirants in the different domains of Engineering" organized by MIT College of Engineering, Pune on 06 March 2018
- Workshop on Research Methodology for PG & PhD at VJTI, Mumbai , 8<sup>th</sup> march 2018
- Workshop on “Construction defects and its remedies” at MIT Pune on 13 Feb 2014
- Two Days National Level Workshop on “Quantity survey contracts and tenders” at COEP, Pune
- STTP on Green building and Its Applications [ASAP-14] by ISTE-SRM chennai

### Services and Memberships

#### Conferences

- Session Chair - PGCon 2018, JSPM Imperial College of Engineering & Research
- Session Chair,- Techfest BE Projects KJ College of Engineering, Pune

### Institute/University Services

- Senior Supervisor of conduction of Pune University Theory Examination
- Working as ME thesis evaluation committee at TAE, Pune.
- Working as a Paper setter & Project evaluator in Pune University, (M.E. C&M)

### Professional Affiliations

- Life Member - ISTE (Indian Society of Technical Education) - LM 89509

### Awards/Noteworthy Achievement

- 2<sup>ND</sup> Topper in PGCON 2014 organized by Dr D Y Patil college of engineering, Pimpri under SPPU
- 1<sup>st</sup> Student Topper of ME Construction & Management at Imperial College of Engineering And Research
- Appreciation letter for teaching and achieving best university result 2015-16-17

## Membership of Professional bodies

- Life Member - ISTE (Indian Society of Technical Education) - LM 89509

## UG Project guided

- Construction of Flexible Pavement By Using Waste tyre Rubber
- Assessing delay and cost overruns in highway construction projects, Pune
- Generation of Biogas from Kitchen Waste

## PG Project guided

- Six Sigma Approach in Total Quality Management
- Alternate And Low Cost Construction Material and Techniques
- Advance Construction Technology Used To Build Mushroom Technology Plant: Case Study
- Analysis of Critical Success factors for effective implementation of Public Private Partnership in Real Estate and Infrastructural development: A Compendium Case Study
- Computation Of Relative Index Ranking Of Various Construction Productivity Factors
- Minimization of wastage using lean technology in construction
- Examining Delay Causes Using ANOVA Statistics

## Subjects Taught

- **Graduation:** Basic Civil Engineering, Engineering Mechanics, Surveying, Quantity, Survey, Contracts and Tenders, Total Quality Management & Management Information system, Advanced Concrete Technology.
- **Post Graduation:** Management Project Planning in Construction, Research Methodology, Project Economics & Financial Management, Operation Research, Sustainable construction materials,

## Publications

- Computation of Relative Index Ranking Of Various Construction Productivity Factors
- Analysis Of Critical Factors Affecting The Construction projects In Pune Region, India
- Earned value analysis carried out in real estate construction industry
- Asset & Portfolio Management in Real Estate Construction Industry.
- Analysis of Critical Factors for BOT Highway Projects
- Cost Optimization of Earthwork Equipment Fleet by Productivity Analysis - Case Study of NH 50 Phase IV
- Assessing delay and cost overrun in building construction projects in Pune region.
- Polymer Concrete Using Coconut Shell Aggregate