

Curriculum Vitae

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Academic Credentials

Class/ Degree	Specialization	Institution	University	Year	%/CGPA	Class
M.E./ M. Tech.	Structural Engineering	P.E.S College, A'bad	Dr. BAMU, A'bad	2017	8.28 CGPA	First Division with Distinction
B.E./B. Tech.	Civil Engineering	Shreeyash college, A'bad	Dr. BAMU, A'bad	2014	79.33 %	First Division with Distinction

M. Tech. Project:

Dissertation Title: *Seismic Performance of 'RC' Elevated Water Tank Using Different Staging-Bracing Pattern incorporated with Sloshing Effect.*

Abstract: In present study, a reinforced concrete elevated water tank with a constant capacity of 500 cubic meters is considered. Investigation on performance of elevated water tank is carried out by performing dynamic analysis i.e. Response Spectrum method. The modeling of elevated water tank is carried out by using computer program i.e. STAAD.Pro. The main aim of this research is to study the dynamic behavior of elevated water tank by varying h/d ratio and providing different staging Patterns in Horizontal plane and Vertical Plane incorporated with Sloshing Effect.

Key Words: h/d Ratio; Staging and Bracing pattern; sloshing effect; shape of tank.

B. E. Project:

Project Title: *Structural Design of Fly Over Bridge Emphasis on R.C.C and P.S.C Deck with 50 Meter Span Box Girder*

Abstract: The present study focus on the analysis and design of Flyover Bridge having total span 754 meters, this total span is divided into number of segments of span 20 meters, 30 meters and 50 meters. Analysis and design of flyover bridge segment is carried out by using a

computer program i.e. STAAD.Pro. These flyover bridge segments are subject to various load combination as per India Road Congress (IRC). Present study also emphasis on the design of 50 meters Box Girder by considering the material as reinforced concrete, prestressed concrete and a combination of both to get the economical design of Flyover Bridge.

Key words: Flyover Bridge, Box Girder, Prestressed Concrete, IRC.

Key Research Areas: Structural Analysis, Design of Steel & RCC Structure, Analysis and design of Bridges as per IRC, Dynamic Analysis - Time History Analysis & Push over Analysis, Analysis and design of Water Tanks, Analysis and design of Bunker & silos

Experience

Sr. No.	Organization	Post	Duration	No. of Years
01	M.I.T, Aurangabad	Assistant Professor	08-08-17 to Till Date	02 Year
02	S.Y.C.E.T, Aurangabad	Assistant Professor	15-07-15 to 08-08-17	02 Year
03	Epikon Consultants, A'bad	Jr. Design Engineer	01-07-14 to 11-07-15	01 Year
04	Kasheef & Associates, A'bad	Jr. Civil Engineer	01-05-14 to 30-06-14	03 Month

List of Courses Taught/Teaching at UG level

- Engineering Mechanics
- Theory of Structure-II
- Design of Structure-I & II
- Structural Mechanics
- Lab-STAAD. *Pro*
- Design of Structure-I & II
- Theory of Structure-II
- Prestressed Concrete
- Advanced Structure

List of Courses Taught/Teaching at PG level

- Advanced Concrete Technology

Computer/Software Proficiency

- MS-Word, Excel and Power Point
- Auto-Cad
- Revit Architecture
- STAAD.*Pro* and STAAD-RCDC
- Bentley STAAD-RAM & Limcon
- RISA

- SAP-2000
- E-Tab and Safe
- Primavera (P-6)
- Microsoft Project
- EQ-Pro
- ANSYS

Seminar/Workshop/ Industrial Training/ STTP//FDP/CEP/Conference Attended

- Participated in Two days' workshop on Faculty Development Program in S.Y.C.E.T, Aurangabad in 2015 and 2016.
- Participated in Two day's workshop on "Learning Effective Document Writing Using LATEX" in S.Y.C.E.T, Aurangabad, 2016
- Participated in Two day's workshop on Outcome based education in M.I.T (T), Aurangabad, 2017
- Participated in Two day's workshop on Faculty Development Program in M.I.T (T), Aurangabad, 2018

List of Research Publications

1. S. S. Quadri and Dr. R. M. Sawant (2018) "*Seismic Stability of Combined Conical Elevated Water Tanks under Varying Water Percentage in Conical and Cylindrical Parts*" i-manager's Journal on Structural Engg, Volume: 07, Issue: 03, ISSN: 2320-2343.
2. S. S. Quadri and Dr. R. M. Sawant (2017) "*Seismic Stability of Pure Conical Elevated Water Tanks under Varying Tank Inclination*" i-manager's Journal on Civil Engineering, Volume-7, Issue-4, Page No. 43-59, and ISSN: 2249-0779.
3. S. S. Quadri and Dr. R. M. Sawant (2017) "*Seismic Behavior of RC Elevated Water Tank under the Impact of Liquid Sloshing*" Journal- Recent Trend in civil engineering, Volume-7, Issue-3, Page No. 21-30, ISSN: 2249-8753.
4. S. S. Quadri and Dr. R. M. Sawant (2017) "*Seismic Response of Braced RC Elevated Water Tanks for Various Seismic Zones*" Journal-International Journal of Structural Engineering and Management, Volume: 04, Issue-1, Page No. 43-64, ISSN: 2393-8773.
5. S. S. Quadri and Dr. R. M. Sawant (2016) "*Seismic Analysis of RC Elevated Water Tank Using Different Staging Pattern*" Journal- International Journal of Structural Engineering and Analysis, Volume-3, Issue-1, Page No. 15-36, ISSN: 2456-5326.

Awards, Achievements and Recognition

- Received First prize in B.E-Civil for scoring highest marks in the college for the academic year 2013-2014.
- Received various prizes and trophies for scoring highest marks in semester exam during graduation and post-graduation.

Date: 25-02-2020

Place: Aurangabad