

SURYANATH

Civil Engineering | M. Tech. | National Institute of Technology Raipur

Specialization: Structural Engineering

Gender: Male | Date of Birth: 10 / 03 / 1995

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OBJECTIVE

- To secure a challenging position in a reputable organisation where I can utilize my skills and expand my knowledge to develop innovative solutions, work collaboratively and contribute to the further success of the company.

EDUCATIONAL QUALIFICATIONS

Course	Institute	PERCENTAGE	Year
M.Tech. in Structural Engineering	National Institute of Technology, Raipur	7.75/10	2021-2023
B.Tech. in Civil Engineering	Devprayag Institute of Technical Studies, Allahabad	70.32	2012 - 2016
Board of Intermediate Education, U.P.	Narendra Dev Inter College, Jalalpur Ambedkar Nagar U.P.	63.00	2010 - 2012
Board of Secondary Education, U.P.	Narendra Dev Inter College, Jalalpur Ambedkar Nagar U.P.	50.67	2008 – 2010

RESEARCH PROJECTS & SEMINAR

- **M. Tech. Project** / Department of Civil Engineering, National Institute of Technology, Raipur
Parametric Study The Effect of Addition of Mineral Admixtures On Strength and Durability of Concrete [July 2022 – Present]
 - Focusing on the effect of addition of Silica Fume on workability, strength and durability of concrete.
 - Focusing on the combined effect of addition of Silica Fume and Fly Ash on workability, strength and durability of concrete.
 - To perform the non-destructive test to understanding the performance of concrete.
- **B. Tech. Project** / Department of Civil Engineering, Devprayag Institute of Technical Studies Allahabad
Waste Water Treatment and Ground Water Recharging Techniques[August 2015 – July 2016]
- **B. Tech. Seminar** / Devprayag Institute Of Technical Studies Allahabad, Department Of Civil Engineering
Modern Practices in Construction Industry[November 2014]

INTERNSHIP

- **B. Tech. Vocational Training** / Department of Civil Engineering, Devprayag Institute of Technical Studies Allahabad [March 2016 – May 2016]
Organization: Public Work Department (PWD), Allahabad, Government of U.P.

SOFTWARE COURSES AND TOOLS

- Software: STAAD.Pro, MS Word, MS Power Point, MS Excel

COURSE PROJECTS

Course	Project Title
Advanced Solid Mechanics	Evaluation of effective shape of beam section for Unsymmetrical bending [November - December 2021]
Numerical Methods	Developing MATLAB program for solving different partial differential equations and Response Surface Methodology [November - December 2021]
Advanced Concrete Technology	The effects of employing POLYETHYLENE TEREPHTHALATE (PET) plastic waste as an additive on the properties of Concrete [November - December 2021]
Structural Dynamics	Solution of Undamped Forced MDOF system by Modal

	Superposition method using MATLAB[<i>November - December 2021</i>]
Advanced Structural Analysis	Developing generalized MATLAB program for analyzing spring assemblage[<i>November - December 2021</i>]
Advanced Foundation Engineering	Estimation of bearing capacity of soil and structural design of pile foundation[<i>May - June 2022</i>]
Finite Element Analysis	Developing generalized MATLAB program for analyzing Beam, 2D & 3D Truss and 2D & 3D Frame problems[<i>May - June 2022</i>]
Ground Improvement Techniques	Design of flexible pavement using Geocell[<i>May - June 2022</i>]
Seismic Analysis and Design of Structures	Evaluation of effects of Bracings on RC framed structure for earthquake loads[<i>May - June 2022</i>]
Advanced Structural Design	Study of Beam on Elastic foundation[<i>May - June 2022</i>]
MISCELLANEOUS	
Language proficiency	English (Fluent), Hindi (Fluent),
Traits	Good team player, Leadership and Communication
Hobbies	Listening to music, Cooking, Playing Cricket
REFERENCES	
Dr. Shirish V. Deo Associate Professor, Civil Dept, NITRR Email: svdeo.ce@nitrr.ac.in	Dr. Govardhan Bhatt Assistant Professor, Civil Dept, NITRR Email: gov.ce@nitrr.ac.in
DECLARATION	
I hereby declare that the information furnished above is true to the best of my knowledge and belief.	
Place: Raipur Date:	Name: Suryanath