

RUTIKA V. TOSHNIWAL

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- M-Tech. (STRUCTURAL ENGINEERING)** with zeal to make a winning career in.
- Hard working with positive attitude and sincerity.
- Genuine interest in personal and professional development along with the organisation's growth.
- Good communication skill.
- Ability to learn quickly.

SCHOLASTICS

EXAM	YEAR of PASSING	INSTITUTE,UNIVERSITY/BOARD	MARKS SECURED	CLASS
M-Tech (Structural Engineering)	2018	Shri Guru Gobind Singhji Institute of Engineering & Technology, Nanded. (An autonomous institute)	8.44	Distinction
B.E.(Civil engineering)	2015	Govt. College of Engineering &Research, Avasari (KD), Pune. (Savitribai phule pune university)	67.53	Distinction
HSC	2011	Dayanand Science College, Latur.	71.50	First class
SSC	2009	Shri Marwadi Rajasthan Vidyalaya, Latur.	90.15	Distinction

Academic Project Details

■ B.E. project:

Title: Analysis of Landslide & Stability of Slopes In Malin & Adjacent Region

Brief description: The basic area of project is analysis of landslide and stability of slope in Malin and adjacent region of Malin. Western ghat is declared as ecological sensitive zone by Ministry of Environment and Forests. On 30th July morning at Malin village where landslide flattened the whole main hamlet of this predominantly tribal village. Under this project we visited landslide sensitive villages declared by central government of India such as Malin, Kusare(Kd),Kalewadi, Panchale(Kd), Kude and collected soil samples for analysis of soil and finding reasons of landslide.

□ M-Tech project:

Title: Lateral shear strength of steel plate shear wall with full and partial boundary frame interaction

Brief description: SPSW system consisting of thin steel plate connected to boundary frame members is used as efficient lateral load resisting system in high rise structure. Stress developed on boundary elements due to tension field action in steel plate after buckling. To reduce stress concentration on boundary elements four different boundary frame interactions are modelled and analysed to know better connection. Analytical study was performed on non-linear FE model by using Abaqus /CAE. Further analysis is done by varying aspect ratio and beam-column joint connection. Behaviour of all models checked for 4% and 8% drift ratio. To check effect of increased stiffness on results, dimensions of boundary elements increased slightly then lateral shear strength also increases. All the SPSW systems shows good lateral shear strength carrying capacity, good energy dissipation capacity due to use of thin steel plate as fuse.

TECHNICAL SKILLS

Softwares : Auto CAD,
STAAD pro ,
REVIT,
ABAQUS.

EXPERIENCE:

DESIGNATION	INSTITUTE	DURATION
Assistant prof.	GOVT. COLLEGE OF ENGINEERING AND RESEARCH AVSARI(KD),PUNE.	1 YEAR

ACHIEVEMENTS**GATE 2017 : Score 359****Selected for interview of MPSC(CIVIL ENGG.) 2017****Co-CURRICULAR ACTIVITY**

- Won the runner up prize in a event **GCOEARA SURF** held during ABINITIO'13 a technical event of G.C.O.E.A.R.A ,PUNE.
- Attended workshop on **Condition assessment and rehabilitation of structures** held during 17-19 march 2017 at National Institute of Technology ,Warangal ,Telangana.
- Attended 2 days workshop on **Tall building design**at S.G.G.S.I.E.&T., NANDED.
- Attended 3 days training Programme on A PROJECT MANAGEMENT TOOL held during 26-28 August 2016 at S.G.G.S.IE&T,NANDED.

PERSONAL DOSSIER

Permanent Address : Gangashri Niwas, Manthale Nagar, Latur-413512, Maharashtra.
Temporary Address : S.G.G.S I E&T, Nanded, Maharashtra.
Date of Birth : 15th march,1994.
Languages Known : English, Hindi & Marathi.
Pan Number : AXSPT0123E

I hereby declare that the above-mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.

Date:**Place:****Rutika Toshniwal.**