

**Er.RASMITA TRIPATHY**

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Ganjam,Odisha.

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BPUT REG. ID : TI33520401

**CAREER OBJECTIVE:**

To secure a promising position that offers both a challenge and a good opportunity for growth.

**EXPERIENCE:**

- Working as Asst. Professor in the Department of Civil Engineering at Roland Institute of Technology, Berhampur, till date from Dt. 01/07/2013.
- Worked as Lecturer in the Department of Civil Engineering in IACR Engineering College, Rayagada from 8<sup>th</sup> September 2008 to 10<sup>th</sup> July 2009.

**PROFESSIONAL CREDENTIALS:**

M.Tech (Research) in Structural Engineering (Civil Engineering) from National Institute of Technology, Rourkela.

**PROJECT:**

**“ Pushover Analysis of R/C Setback Building Frames.”**

**Abstract:**

The principal objective of the research was to extend the conventional pushover analysis procedure (FEMA-356/ FEMA-440) for a class of vertically irregular (setback) buildings without disturbing the conceptual simplicity of current procedures with invariant force distribution. This improved analysis procedure

yields superior seismic evaluation results for setback RC framed building. Linear/nonlinear and static/dynamic seismic analysis of building frames is done extensively for this project.

### **PUBLICATIONS:**

1. Tripathy, R. and Sarkar, P. (2012). Pushover Analysis of R/C Setback Building Frames. *International Journal of Civil Engineering*, IASET, **1**, 70-92.
2. Tripathy, R. and Sarkar, P. (2010). Improved Displacement Coefficients for Target Displacement Estimation of Setback Building. Proceedings of International Conference on Innovative World of Structural Engineering- ICIWSE-2010, September 17-19, 2010, Aurangabad, Maharashtra, India.

### **ACADEMIC CREDENTIALS:**

\*2007: B.Tech in Civil Engineering with CGPA 7.33 from S.M.I.T, Berhampur under Biju Patnaik University of Technology, Rourkela.

\*2002: Intermediate in science with 56.6% from Vikram Dev College, Jeypore, Odisha.

\*2000: H.S.C.E with 75.2% from Govt. Girl's High School, Jeypore, Odisha.

### **PERSONAL STRENGTH:**

Ability to deal with people, willingness to learn, punctual, Goal oriented, self motivated, Event management ability, Responsible, Positive thinking, confident & hard working.

## **PERSONAL INFORMATION**

- Name : Mrs. Rasmita Tripathy
- Date of Birth : 19<sup>th</sup> June 198X
- Gender : Female
- Father name : Mr. Dayanidhi Tripathy
- Mother tongue : Oriya
- Nationality : Indian
- Marital Status : Married
- Languages Known : English, Hindi, Oriya

## **LEISURE INTERESTS:**

- Listening to music.
- Reading Books.
- Reading News paper & Magazines.

## **DECLARATION:**

I do hereby declare that the particulars of information and facts stated herein above are true, correct and complete to the best of my knowledge and belief.

**PLACE: Brahmapur**

**DATE:**

**Er. Rasmita Tripathy**