



Mahipal Kulariya

Prime Minister's Research Fellow

School of Civil and Environmental Engineering (SCENE), Indian Institute of Technology Mandi (IIT Mandi), Kamand.
Ph.D. Supervisor: Dr Sandip Kumar Saha, Assistant Professor, IIT Mandi, Kamand, Himachal Pradesh, India-175075.
Web address: https://faculty.iitmandi.ac.in/~sandip_saha/d20012.htm

✉ d20012@students.iitmandi.ac.in

☎ +91 8619410273

EDUCATION

Doctoral of Philosophy

Indian Institute of Technology, Mandi

09/2020 - Present

8.8/10

Master of Technology in Structural Engineering

Indian Institute of Technology, Mandi

08/2018 - 06/2020

9.46/10

Bachelor of Technology in Civil Engineering

National Institute of Technology, Calicut

07/2012 - 06/2016

7.92/10

PUBLICATIONS:

□ Kulariya, M., & Saha, S. K. (2023). Multi-hazard performance evaluation of hillside buildings under earthquakes and landslides. Proceedings of the Institution of Civil Engineers-Structures and Buildings, 1-16.

□ Baddipalli, S., Kulariya, M., & Saha, S. K. (2023). Influence of masonry infills on blast response of earthquake-resistant reinforced concrete buildings. Structures. 50, 908-924.

□ Kulariya, M., & Saha, S. K. (2022). Performance Evaluation of Hillside Buildings under Blast and Blast-Induced Ground Motion. Journal of Performance of Constructed Facilities, 36(5), 04022043.

□ Kulariya, M., & Saha, S. K. (2022). Sacrificial Blast Wall for Blast Response Reduction in Hillside Buildings. In National Conference on Resilient Infrastructure (NCRI), September 16 to September 17, 2022 Trivandrum, Kerala.

□ Kulariya, M., & Saha, S. K. (2021). Analysis of Buildings in Hilly Terrain under Multiple Hazards. 17th World Conference on Earthquake Engineering (17WCEE), September 27 to October 2, 2021, Sendai, Japan.

WORK EXPERIENCE

Instructor

Jawaharlal Nehru Government Engineering College, Sundernagar

04/2021 - Present

Senior Engineer

TATA Consulting Engineers Limited

05/2017 - 07/2018

Engineer Trainee

TATA Consulting Engineers Limited

12/2016 - 05/2017

AWARDS AND ACCOLADES

□ Received the first prize in oral presentation event organized on ANUSANDHAN -2022 by the Society of Collaborative Research and Innovation (SCRI), IIT Mandi.

□ Received the first prize in video presentation event organized on National Engineers Day 2021 by School of Engineering, IIT Mandi.

□ Received the "Outstanding Academic Achievement Award for M. Tech. Structural Engineering" by Indian Institute of Technology Mandi (2020).

PROFESSIONAL SERVICES AND MEMBERSHIP

American Society of Civil Engineers (ASCE) (07/2022 - Present)
Student member

ROLES AND RESPONSIBILITIES

- Mentor of Nirman club, IIT Mandi (AY-2020-2021).
- Core team member in Hiking and Trekking Club (AY-2021-2022)
- Short Trek Leader in Hiking and Trekking Club (AY-2020-2021).
- Coordinator of Nirmaan Club, IIT Mandi (AY-2019-2020).

TECHNICAL AND COMPUTER SKILLS

MATLAB

Full Professional Proficiency

Python

Limited Working Proficiency

OpenSees

Professional Working Proficiency

SAP2000

Full Professional Proficiency

STAAD.Pro

Full Professional Proficiency

RESEARCH INTERESTS

Multi-hazard vulnerability

Landslides

Earthquake

Blast

Blast-induced ground motion