



Shubham Trivedi

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Education

University of Tokyo

Japan

PH.D. IN ARCHITECTURE

Oct. 2015 - Sep. 2018 (Tentative)

- Doctors Thesis: Ultimate drift capacity determining mechanism in reinforced concrete beams subjected to reversed cyclic loading
- Supervisor: Prof. Hitoshi Shiohara
- CGPA: -

Indian Institute of Technology Kanpur

India

B.TECH-M.TECH DUAL-DEGREE IN CIVIL ENGINEERING

Jun. 2008 - Jul. 2013

- Masters Thesis: A study for Seismic-Isolation under long period waves of Near-Fault earthquakes
- Supervisor: Prof. Sekhar Chakrabarti
- CPI: 9.6/10.0

Work Experience

VMS Consultants

Mumbai, India

STRUCTURAL DESIGN ENGINEER

Aug. 2013 - Mar. 2015

- Provided analysis and design for high-rise building projects in Mumbai and New Delhi. Developed non-linear finite element analysis models for RC framed building systems. Carried out design of RC structural elements such as shear walls, coupled beams and transfer girders. Managed project coordination with design architects and developers.

Kamla Raheja Vidyanidhi Institute for Architecture and Environmental Studies

Mumbai, India

PART-TIME LECTURER

Apr. 2014 - Mar. 2015

- Taught and introductory level course on fundamentals of structures to the first year students of architecture.

Scholarships & Awards

2017 **Ueno Masayasu Memorial Award**, Shimonaka Memorial Foundation

Japan

2015 **Monbukagakusho Scholarship**, Government of Japan

Japan

2012 **Academic Excellence Award**, Indian Institute of Technology Kanpur

India

2011 **Academic Excellence Award**, Indian Institute of Technology Kanpur

India

Publications

2017	Trivedi, S. and Shiohara, H. and Tajiri, S. <i>Experimental Investigation on the Effect of Bar Buckling on Ultimate Drift Capacity in Reinforced Concrete Beams</i> . Proceedings of the JAEE Annual Meeting, Tokyo.	Conference
2017	Trivedi, S. and Shiohara, H. <i>Response-spectrum based pulse identification for near-fault earthquake ground motions</i> . Proceedings of the AIJ Annual Convention, Hiroshima.	Conference
2016	Trivedi, S. and Shiohara, H. <i>Near-Fault Pulse Identification in Kumamoto Earthquake Records</i> . Proceedings of the JAEE Annual Meeting, Kochi.	Conference
2016	Trivedi, S. and Shiohara, H. <i>Response-spectrum based pulse identification for near-fault earthquake ground motions</i> . Proceedings of the AIJ Annual Convention, Fukuoka.	Conference
2016	Trivedi, S. and Shiohara, H. <i>Response to simple pulses representing near-fault ground motions</i> . Proceedings of the 11th fib International PhD Symposium in Civil Engineering, Tokyo.	Conference
2013	Trivedi, S. <i>A Study for Seismic-Isolation under Long-Period Waves of Near-Fault Earthquakes</i> . Master's Thesis, Indian Institute of Technology, Kanpur.	Thesis

Miscellaneous

Interests Reading, Running, Swimming, Table-Tennis

Languages English (Fluent), Japanese (Intermediate, JLPT N2), Hindi (Mother language)