

# Alok Abhay Deshpande

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## **Education**

2015-current      PhD in Structural Engineering  
*University at Buffalo, State University of New York*

2010-2011        Master of Science in Civil Engineering (Structures)  
*University of Illinois at Urbana-Champaign*

2006-2010        Bachelor of Technology in Civil Engineering  
*College of Engineering, Pune (India)*

## **Research Experience**

Jan 2016 - current    **Research Assistant**  
*State University of New York at Buffalo*

- Seismic behavior of RC walls subjected to thermal effects
- Concrete subjected to high temperatures
- Development of Strain-Hardening Cementitious Composites

Apr 2014 - Jun 2015   **Project Officer**  
*Indian Institute of Technology Madras (India)*

- Development of a consistent strain and displacement based approach

## **Professional Experience**

Jan 2012 - Mar 2014   **Design Engineer**  
*Leslie E Robertson Associates, New York (USA) & Mumbai (India)*

- Design development for high-rise concrete buildings in India

## **Teaching Experience**

Aug - Dec 2015        **Teaching Assistant** for EAS-207 (Statics)  
*Department of Civil Engineering, State University of New York at Buffalo*

Aug - Dec 2011        **Teaching Assistant** for CEE-470 (Structural Analysis)  
*Department of Civil Engineering, University of Illinois at Urbana-Champaign*

## **Peer-reviewed Conference Paper**

Deshpande, A., Kumar, D., Mourougassamy, A. & Ranade, R. (2017). "Development of a Steel-PVA Hybrid Fiber SHCC." Accepted at the *4th International RILEM Conference on SHCC*, 18-20 September, 2017, Dresden, Germany.

## **Awards**

Dec 2016                Structural Engineers Foundation **Research Grant** for 2016-2017

Jun 2010                **Gold Medal** from *Department of Civil Engineering, College of Engineering, Pune*

## **Certification and Affiliations**

FE-Civil, Student member of ACI, ASCE, EERI