

# CURRICULUM VITAE

## Narawit HEMSTAPAT

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Iwanami Laboratory, Department of Civil Engineering  
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## EDUCATION

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- Sep 2018 – Present** Ph. D. Candidate, Civil Engineering Department,  
Tokyo Institute of Technology, Tokyo, Japan
- Sep 2016 – Sep 2018** Master of Engineering, Civil Engineering Department,  
Tokyo Institute of Technology, Tokyo, Japan
- May 2012 - May 2016** Bachelor of Engineering, Civil Engineering Department,  
Chulalongkorn University, Bangkok, Thailand

## EXPERIENCE AND INTERNSHIP

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- Oct 2019 – Dec 2019** Internship at Taisei Advanced Center of Technology, Kanagawa, Japan
- Jun 2015 – July 2015** Intern of TEAM Consulting and Engineering Co., Ltd. at the Construction of Mass Transit System in Bangkok (Red Line) (I)

## PUBLICATIONS

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### Journal papers

1. **Hemstapat, N.**, Okubo, K., Niwa, J., and Iwanami, M.: DIC Based Evaluation of The Width of Compressive Strut in Reinforced Concrete Short Beams with Steel Fiber. *Advances in Concrete Construction*. (In preparation)
2. **Hemstapat, N.**, Okubo, K., and Niwa, J.: Prediction of Shear Capacity of Slender Reinforced Concrete Beams with Steel Fiber, *Journal of Advanced Concrete Technology (ACT)*, 18 (4), 179-191, April 2020.
3. Jongvivatsakul, P., Bui, L.V.H., Koyekaewphring, T., Kunawisarut, A., **Hemstapat, N.**, and Stitmannathum, B.: Using Steel Fiber-Reinforced Concrete Precast Panels for Strengthening in Shear of Beams: An Experimental and Analytical Investigation, *Advances in Civil Engineering*, June 2019.

### Conference papers

1. **Hemstapat, N.**, Okubo, K., Yanagida, R., and Niwa, J.: Effect of Concrete Strength and Steel Fiber Type on Shear Capacity of Reinforced Concrete Beams with Steel Fiber, *Proceeding of the 8th Regional Symposium on Infrastructure Development (RSID)*, October 2018.
2. **Hemstapat, N.**, Nakamura, T., Yanagida, R., Niwa, J.: Shear Capacity of High Strength Reinforced Concrete Beams with Steel Fiber, *fib Congress 2018*, October 2018.

## AWARDS AND GRANTS

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- Oct 2016 – Sep 2021** Scholarship from Ministry of Education, Culture, Sports, Science and Technology (Monbukagakusho Scholarship)