

# Stanford

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## Neeraj Sonalkar

Sr Research Engineer, Mechanical Engineering

### Bio

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#### ACADEMIC APPOINTMENTS

- Sr Research Engineer, Mechanical Engineering

#### ADMINISTRATIVE APPOINTMENTS

- Executive Director of Human Innovation Design Research, Center for Design Research, (2016- present)

#### PROFESSIONAL EDUCATION

- Ph.D., Stanford University , Engineering Design (2012)
- Certificate, Stanford Graduate School of Business , Entrepreneurship (2010)
- M.S., Stanford University , Mechanical Engineering (2006)
- B.E., University of Mumbai , Mechanical Engineering (2002)

### Research & Scholarship

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#### CURRENT RESEARCH AND SCHOLARLY INTERESTS

The Human Innovation Design group at the Center for Design Research conducts empirical and field research oriented towards acceleration of radical innovation by teams, organizations and regional ecosystems. We study and model how humans innovate both at the interpersonal interaction level, at the level of an organization and at a broader level of regional innovation ecosystem such as the Silicon Valley. This research furthers our understanding of innovation as the outcome of an integrated system spanning individual mindset, interpersonal interaction dynamics, and the underlying physical, institutional, financial and knowledge infrastructure. We work with commercial firms, universities, foundations and cities to apply the insights gained from this understanding towards accelerating their innovation capability, and at the same time to further develop our models and metrics for innovation.

### Teaching

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#### COURSES

##### 2018-19

- Engineering Design Theory in Practice: ME 306A (Aut)
- Engineering-Design Capital-Formation Theory in Practice: ME 306B (Win)

##### 2017-18

- Engineering Design Theory in Practice: ME 306 (Aut)

##### 2016-17

- Engineering Design Theory in Practice: ME 306 (Aut)

**2015-16**

- Engineering Design Theory in Practice: ME 306 (Aut, Spr)