

# Stanford

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## Shivani Guptasarma

Ph.D. Student in Mechanical Engineering, admitted Autumn 2019

### Bio

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#### BIO

Shivani Guptasarma is a PhD student at the Assistive Robotics and Manipulation (ARM) Lab, where she studies the control of robotic upper limb prostheses. She is a recipient of graduate fellowships from the Knight-Hennessy Scholars and the Wu Tsai Human Performance Alliance at Stanford. She obtained her Bachelors and Masters degrees at the Department of Engineering Design at the Indian Institute of Technology Madras in Chennai, India.

#### LINKS

- Website: <https://sguptasarma.github.io/>

### Research & Scholarship

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#### LAB AFFILIATIONS

- Monroe Kennedy, ARMLab (9/21/2019)

### Publications

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#### PUBLICATIONS

- **ProACT: An Augmented Reality Testbed for Intelligent Prosthetic Arms** *IEEE TRANSACTIONS ON NEURAL SYSTEMS AND REHABILITATION ENGINEERING*  
Guptasarma, S., Kennedy, M. D.  
2025; 33: 354-365
- **Facial Haptic Feedback for Robotic Prostheses**  
Guptasarma, S., Vuong, B. B., Okamura, A. M., Kennedy, M.  
edited by Pons, J. L., Tornero, J., Akay, M.  
SPRINGER INTERNATIONAL PUBLISHING AG.2024: 311-315