Ph.D. Candidate at Stanford University Named IEEE-HKN Outstanding Student of the Year for 2018

Ramandeep Vilkhu, who was inducted into the Gamma Chapter of IEEE-HKN at Ohio State University, has been selected as the 2018 Alton B. Zerby and Carl T. Koerner Outstanding Electrical or Computer Engineering Student Award recipient. He is currently pursuing his Ph.D. in Electrical Engineering at Stanford University.

He holds a patent for “Power Harvesting from Fabric Electrochemistry.” His undergraduate thesis focused on the use of fabrics to provide power generation capabilities, which resulted in numerous IEEE scholarships and a journal presentation, according to Joel T. Johnson, Professor and Department Chair for Electrical and Computer Engineering at The Ohio State University.

Johnson said Ramandeep “received high praise for the support he provided, and for his thorough, fair, and caring grading and feedback on student assignments” as a teaching assistant. “The external impact of his research topics in future medical wearable technologies to support patient treatment and monitoring further represents another important aspect of his service to community and country,” Johnson wrote in a recommendation letter.

"I am honored to be presented with the IEEE-HKN Outstanding Student Award,” Ramandeep Vilkhu said. “The work that the organization does to further advancement both inside and outside the classroom for the field of electrical engineering is inspiring, and I am truly humbled to join the list of amazing students that have come before me and represented the IEEE-HKN organization. I would like to extend a special thank you to everyone at The Ohio State University that made this possible -- I can't be more proud to represent the Buckeyes at IEEE-HKN international!"

Ramandeep will receive his award on Monday, 25 March 2019 during the annual conference of the Electrical and Computer Engineering Department Heads Association (ECEDHA).

Honorable mentions for the Outstanding Student Award were given to Li Guan of the Gamma Theta Chapter at Missouri University of Science and Technology, and Carrie Smith of the Mu Iota Chapter at Seattle University.