

Senior Design Finalist



Back (L to R): David Mun, Yumehito Takimoto, Dhruvik Talaviya
Middle (L to R): Dr. Shabbir Ahmed, Jin-Su Kim, Kelly Chen
Front (L to R): Abhinav Sawhney, Rozina Merchant, Jason Yeh

Project Title: Domestic Inbound Freight Optimization

Student Team: Kelly Chen, Jin-Su Kim, Rozina Merchant, David Mun, Abhinav Sawhney, Yumehito Takimoto, Dhruvik Talaviya, Jason Yeh

Faculty Advisor: Dr. Shabbir Ahmed

Project Summary: This project focuses on minimizing logistics costs for Kubota Manufacturing. The team developed an optimization-based system to decide the routes and modes for shipping parts from 200 suppliers all over the U.S. to Kubota's manufacturing plant in Gainesville, GA. The developed system achieves average savings worth 11% per week in transportation costs.

Spring 2013