



Webinar on “Careers in Operations Research – An Interactive Dialogue with OR Professionals”

A webinar dedicated to providing students with an opportunity to interactively communicate and learn about real-life OR applications. Featuring guest panelists from FedEx, Deccan International, E. & J. Gallo Winery, Kenco Group, and Idaho National Lab.

When: February 5th (1-2) pm CST

Meeting Link: <https://msstate.webex.com/meet/mm2006>

Organized by: Operations Research (OR) Division, Institute of Industrial & Systems Engineers

Speakers:



APURBA KUMER NANDI, Ph.D.

Director of Advanced Analytics and Development
Deccan International



AMBARISH ACHARYA, Ph.D.

Senior Project Manager for Decision Science & Innovation (DSI)
E. & J. Gallo Winery



JOHN BEHRENDS, Ph.D., P.E

Project Engineer
FedEx Memphis World Hub



SATISH VADLAMANI, PhD

Sr. Manager, Supply Chain Analytics
Kenco Group



MOHAMMAD S. RONI, Ph.D.

Operations Research Lead
Idaho National Laboratory’s Software and Data Sciences
Department

Speakers BIO:



APURBA KUMER NANDI, Ph.D., is a Director of Advanced Analytics and Development at Deccan International, a software company based in San Diego, California, developing decision support software for the Fire and Emergency Medical Services departments. As the director, he is currently managing a team of OR and data scientists, software developers, and testing engineers. The team is developing algorithms and predictive models that are incorporated within a number of applications that optimize real-time resource relocation, real-time patient transport scheduling, strategic deployment of resources, real-time crew break management, and mines historical response data and forecasts future calls.



AMBARISH ACHARYA, Ph.D., is a Senior Project Manager for Decision Science & Innovation (DSI) team at E. & J. Gallo Winery. He leads a team of data scientists to drive strategic initiatives optimizing Operations & Supply Chain process flows. He is responsible for implementing novel approaches to solve complex winery problems by applying OR and data science techniques.



JOHN BEHREND, Ph.D., P.E. is a Project Engineer with FedEx at the Memphis World Hub. His research focuses on modeling within the aircraft and airline industry and has been published in several journals and conference proceedings. As an engineer, Dr. Behrends' is responsible for managing data in modeling hub operations to assist in daily, weekly, and monthly decision processes. John has re-engineered the hub manpower planning process. Prior to joining FedEx, he worked in weapons system acquisition for the U.S. Army in various positions, including test & evaluation, project management, and quality engineering.



SATISH VADLAMANI, Ph.D., is a Sr. Manager, Supply Chain Analytics at the Kenco Group. He has extensive experience and expertise in developing advanced analytics solutions and systems to meet ever-changing supply chain needs, over 10 years of experience in end-to-end global supply chain network design, facilities design, transportation optimization, supply chain sustainability, systems development, and over 5 years of experience in using machine learning and artificial intelligence to optimize supply chain operations. He published over 10 articles in OR journals.



MOHAMMAD S. RONI, Ph.D., – “Roni” to his friends and colleagues Operations Research Lead of Idaho National Laboratory’s Software and Data Sciences department. In this position, he serves as principal investigator and technical lead on research projects sponsored by the U.S. Department of Energy and the U.S. Department of Homeland Security. He develops complex optimization models and algorithms applied to supply chain network analysis, resiliency optimization, transportation and infrastructure planning, and process control and design.