



DEPARTMENT OF  
CIVIL & ENVIRONMENTAL  
ENGINEERING

# KIRLIN DISTINGUISHED LECTURE

## **Atul Khanzode**

Technology and Innovation Leader  
DPR Construction

**Thursday, October 24**

Zupnik Forum, Room 1101

A. James Clark Hall

Reception: 5:00-5:30 pm

Lecture: 5:30-6:30 pm



## **Data Analytics and Data Science in the Construction Industry: Challenges and Opportunities**

The emerging areas of data analytics and data science offer an unprecedented opportunity for the players in the construction industry to gain deeper insights into issues of importance to the industry. In this lecture, Atul will share his and DPR Construction's experience in applying data analytics and data science practices to develop insights into issues that span the lifecycle of a project: from sales, preconstruction, construction, and closeout to operations and maintenance. Atul will discuss how to address the challenges most companies face in developing their data strategies. These challenges include: building an effective data analytics team and structure, developing the technical infrastructure that can scale, aligning data strategy with company strategies and goals and data quality. Atul will also discuss the opportunities that exist for players in the industry to enhance their services and value they provide to their customers using insights generated from an effective data analytics and data science practice.

**RSVP: [go.umd.edu/khanzode](https://go.umd.edu/khanzode)**