

# Construction Management

---

## Department Information

- **Interim Department Chair:**  
Achintya Bezbaruah, Ph.D.
- **Graduate Coordinator:**  
Kalpana Katti, Ph.D.
- **Department Location:**  
Engineering 106
- **Department Phone:**  
(701) 231-7244
- **Department Web Site:**  
[www.ndsu.edu/ccee/](http://www.ndsu.edu/ccee/) (<http://www.ndsu.edu/ccee/>)
- **Application Deadline:**  
Fall: May 1; Spring: October 1 for M.S. and Master of Construction Management, November 1 for Certificate
- **Credential Offered:**  
MSCM, MCM, Graduate Certificate
- **Test Requirement:**  
GRE (M.S. applicants)
- **English Proficiency Requirements:**  
M.S.: TOEFL iBT: 81, IELTS: 7, PTE Academic 54, Duolingo 105; Master of Construction Management: TOEFL iBT: 79, IELTS: 6.5, PTE Academic: 53, Duolingo 105

## FACULTY

### Eric Asa, Ph.D.

Associate Professor

University of Alberta, 2002

Research Interests: Infrastructure and Assets Management, Construction Materials, Engineering Education, Computational Modeling

### Abdul-Aziz Banawi, Ph.D.

Assistant Professor

University of Pittsburgh, 2013

Research Interests: Life Cycle Assessment, Building Information Modeling, Building Construction - Virtual Reality, Green Buildings and Sustainability, Lean Construction and Six-Sigma

### Zhili (Jerry) Gao, Ph.D., P.E., C.P.C

Associate Professor and Associate Chair

Iowa State University, 2004

Research Interests: Lean Construction, Virtual Design and Construction (Visualization, BIM Development and Implantation), Advanced Concrete Techniques (Sustainable Concrete, New Concrete Materials and Structures)

### Youjin Jang, Ph.D.

Assistant Professor

Seoul National University, 2017

Research Interests: Construction Automation, Human-Robot Collaboration, Human-Building Interaction, Sustainability, Data Analytics, Data-driven Decision Making, Emerging Technologies Adoption

### Chau Le, Ph.D.

Assistant Professor

Texas A&M University, 2021

Research Interests: Applications of Data Analytics and Artificial Intelligence, Alternative Contracting Methods, Sustainable and Resilient Infrastructure, Emerging Technologies and Robotics, Human Safety and Health

### Yao Yu, Ph.D.

Assistant Professor

North Carolina A&T State University, 2014

Research Areas: Building Energy Conservation Technology, Computational Airflow Modeling, and HVAC System Design and Simulation