

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/>)
- **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