Prashant Sankaran  
PhD Candidate  
RIT Grad MS-ISE ‘19

Dr. Katie McConky  
Associate Professor  
RIT Grad ‘05, ‘07

Introductions
Agenda

- Program Options
- Why ISE @ RIT
- Sample Research Projects
- Where an RIT degree can take you
- Next Steps
- Questions
What do Industrial Engineers do?

• IE focuses on the design, development, and optimization of the process by which products (and services) are made.

• IEs make sure products are produced cost-effectively, safely and sustainably, and are of high quality.

• IEs also make sure the system is designed with all human stakeholders (workers, end users, etc.) in mind.

• IEs work in all types of environments, at every stage of the product lifecycle.
ISE Graduate Degree Program Options

• Master of Science (MS)
  o Industrial and Systems Engineering
  o Sustainable Engineering

• Master of Engineering (ME)
  o Engineering Management

• PhD Mechanical and Industrial Engineering (PhD)
ISE Graduate Degree Program Options

• **Master of Science (MS)**
  - Industrial and Systems Engineering
  - Sustainable Engineering

<table>
<thead>
<tr>
<th>Option</th>
<th>Courses Credits</th>
<th>Other Requirement</th>
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<tbody>
<tr>
<td>Thesis</td>
<td>8 Courses</td>
<td>6 Thesis Credits</td>
</tr>
<tr>
<td>Project With Paper</td>
<td>9 Courses</td>
<td>Project w/Paper Course (3 credits)</td>
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<tr>
<td>Capstone Project</td>
<td>9 Courses</td>
<td>Capstone Project Course (3 credits)</td>
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~ 2 Years

• **Master of Engineering (ME)**
  - Engineering Management
  - 9 courses and Engineering Capstone Course.

~ 2 Years
Why ISE @ RIT?
Co-op
Real world experience to advance your career

Small Friendly Department
54 MS/ME
23 PhD
14 Faculty

Excellent Research Opportunities

World Class Labs and Facilities

World Class
Labs and
Facilities
Sample Research Projects
Where can an RIT degree take you?
Next Steps
Admissions Process

- GRE
- TOEFL / IELTS
- Undergraduate GPA ~3.00/4.00
- Rolling Admissions Process
- Recommended Date is January 15th for Fall 2021
- Do not start your personal essay with “When I was a child…”
ISE Graduate Program Directors

• **Dr. Katie McConky**
  - ME Engineering Management
  - MS Industrial and Systems Engineering

• **Dr. Brian Thorn**
  - MS Sustainable Engineering
Questions

Contact Information: ktmeie@rit.edu  www.rit.edu/kgcoe/ise/
ISE Faculty

- Dr. Nasibeh Azadeh Far
  Assistant Professor

- Prof. Robin Borkholder
  Senior Lecturer

- Prof. John Bonzo
  Lecturer

- Dr. Denis Cormier
  Brinkman Professor

- Dr. Patti Cyr
  Lecturer

- Prof. Tony DiVasta
  Lecturer & Toyota Production Lab Director

- Dr. Marcos Esterman
  Associate Professor

- Dr. Mike Kuhl
  Professor

- Dr. Matt Marshall
  Professor & Associate Dean

- Dr. Katie McConky
  Associate Professor

- Dr. Ruben Proano
  Associate Professor

- Dr. Ehsan Rashedi
  Assistant Professor

- Dr. Iris Rivero
  Kate Gleason Professor & Department Head

- Dr. Brian Thorn
  Professor

- Dr. Yunbo Zhang
  Assistant Professor

Can advise thesis and project with paper

Can advise only project with paper