

KANSAS STATE  
UNIVERSITY STUDENT  
CHAPTER OF THE  
INSTITUTE OF  
TRANSPORTATION  
ENGINEERS

2015-2016 Annual Report  
of Student Chapter  
Activities

# Institute of Transportation Engineers

## ANNUAL REPORT OF STUDENT CHAPTER ACTIVITIES From April 1, 2015 to March 31, 2016

**STUDENT CHAPTER AT:** Kansas State University

### 1. STUDENT CHAPTER OFFICERS

President: Abu Ahmed Sufian

Vice President: Uditha Galgamuwa

Secretary: Ibrahim Alfallaj

Treasurer: Lisa Shofstall

Activity Chair: Syeda Rubaiyat Aziz

### 2. STUDENT CHAPTER MEMBERSHIP

Number of Student Chapter members: 29

Number of Student members of Institute: 11

Number of Students eligible to be a Student member of the Institute: 18

Number of faculty members who are current ITE members: 4

### 3. INFORMATION ON TRANSPORTATION ENGINEERING ENROLLMENT

Number of undergraduate students (Sophomore - Senior years) in your academic department.

If not Civil Engineering, specify department: N/A

Full time: 244 Part time: N/A

Does your curriculum allow an undergraduate student to major or minor in Transportation?

Yes  No

If "Yes," give number of transportation majors 6 and minors N/A

Number of graduate students in Transportation.

Full time: 18 Part time: 5

Report submitted by:

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Phone: (720) 226-8735

Date: 03-01-2016

Contents approved by:



(Faculty Advisor)

#### 4. Summary of Student Chapter Activities

The K-State ITE Student Chapter seeks to continually promote the advancement of the transportation and traffic engineering by fostering the close association of our students with professionals with in transportation and traffic engineering and the Institute. Our chapter accomplishes this objective by inviting passionate guest speakers to present at our campus, and organizing field trips to compelling locations relevant to the transportation and traffic engineering field.



This past year, our chapter held four technical presentations, organized one field trip, and attended the Midwestern ITE conference. We also had monthly officer meetings during the fall and spring semesters to plan our events and to discuss how to interest more students in attending our events.

The first technical presentation was in April, and Jennifer Ball the senior recruitment manager at Union Pacific Railroad discussed various aspects of railroad engineering, including examples of engineering projects, critical engineering response to natural disasters that affect rail service, and career opportunities for civil engineers.

In August we organized our second guest lecture where Stephanie Watts, the transportation planner of flint hills metropolitan planning organization spoke about the existing and upcoming transportation plans of the Flint Hills Area, which is the area surrounding our campus. It was really an informative session.

During November, for our third presentation we invited Jennifer Russell the Lead Systems Engineer at Parsons Brinkerhoff to speak about California's upcoming high-speed rail system. This is currently the United States' largest railway infrastructure project. The presentation covered the logistics of both how the project is beneficial and how the project will be implemented in many stages, including budget and other constraints.



Our latest guest lecture was held in February, when we invited Scott Uhl, a vice president and senior project manager of Bartlett and West and Jim Tobaben a planning and engineering manager

for Parsons Brinkerhoff to discuss the planning and design of the potentially a new viaduct for I-70 though Topeka. They discussed the initial site investigation, the potential design of problem areas, and the logistics of the implementing the design to minimize the disruption in traffic flow.

During October, our chapter organized a field trip to Manhattan Kansas' traffic

control center. During the event, attendees learned how the operators are using technology to optimize traffic signal timing, determine the traffic volumes, and calculate the average speed of traffic.

Participants also got the opportunity to learn the procedure of creating traffic signs.

In June, four members of our chapter attended the Midwestern District ITE Conference. They all competed in the poster competition, and Masoumeh Tavakol won with a poster based on the "Analysis of Pedestrian Crash Risk Factors of Injuries and Fatalities in Kansas."

In future, the K-State ITE student chapter will continue to acquaint students with transportation and traffic engineering through competent enthusiastic speakers, exciting tours and activities, and continual participation in regional ITE sponsored events.



## 5. Chapter Roster

Name	Degree	Grad./Expected Grad. Date
Syeda Rubaiyat Aziz*	PhD	Spring 2016
Abu Ahmed Sufian*	MS	Summer 2016
Uditha Galgamuwa*	PhD	Fall 2018
Ibrahim Alfallaj*	PhD	Spring 2018
Lisa Shofstall*	MS	Fall 2016
Himanshu Patel	MS	Spring 2016
Sameera Koththigoda	MS	Summer 2017
Kankanamge		
Hojr Momeni	PhD	Spring 2016
Masoumeh Tavakol	MS	Spring 2016
Humaira Jahir	MS	Summer 2016
Shuvo Islam	PhD	Fall 2017
Tri Tran	PhD	Fall 2018
Weston Loehr	MS	Spring 2016
Ahmad Ghadban	PhD	Spring 2016
Md Zahidul Karim	MS	Summer 2016
Rund Al-Masri	PhD	Fall 2018
Ya Gao	MS	Fall 2017
Nassim Sabahfar	PhD	Spring 2016
Tyler Penfield	MS	Fall 2018
Xingdong Wu	MS	Spring 2016
Andrew Crowder	MS	Spring 2019

Hossein Mosavi	PhD	Spring 2019
Kody Henrichs	BS	Summer 2017
Jack Cunningham	BS	Summer 2016
Austin Jueneman	BS	Summer 2016
Justin Harris	BS	Summer 2016
Jack Olsson	BS	Summer 2016
Seth Heronemus	BS	Fall 2016

\* Denotes Members of Institute of Transportation Engineers