

## SUMANTH YANAMALA

Adjunct Lecturer – Engineering Technology  
College of Science and Engineering Technology  
Sam Houston State University  
Box: 2088 Huntsville, TX 77341

### EDUCATION

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#### Texas A&M University

Kingsville, TX

Master of Science, Industrial Management and Technology

May 2017

- **MS Thesis:** A Comparative study and design of custom constructed wind augmentation shroud to improve efficiency of wind output

#### Jawaharlal Nehru Technological University

Hyderabad, India

Bachelor of Technology, Civil Engineering

May 2015

- **Research Project:** Plastic bottle as an alternative for sustainable building construction material

### PUBLICATIONS & PRESENTATIONS

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- Yanamala,S., Ulan.D., Yildiz.F., "Comparative study of various custom constructed wind augmentation shrouds for optimal design" (IAJC ), November 2016, Orlando, Florida.
- Yanamala,S., Kashibhatla,B., "Plastic bottle as a sustainable material in construction structure", (IIT Bombay University Journal), March 2014, Bombay, India.
- Analysis of a Custom Constructed Wind Augmentation Device with 30 Degree Inlet Section to Improve Wind Power Generation. International Association of Journals and conferences (IAJC) 5<sup>th</sup> International Conference. November 6-8, 2016. Orlando, Fl.

### WORK EXPERIENCE

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#### Texas A&M University, Industrial Management & Technology

Kingsville, TX

Graduate Research Assistant

Sept 2016 – May 2017

- Conducted research on wind augmentation shrouds for optimal design to improve the power efficiency of the wind turbine.
- Collected, analyzed, processed and correlated the research data.
- Supervised and mentored the research of undergraduate and graduate students.
- Published and presented the research work in various prestigious international research conferences around the world.

#### Texas A&M University, Industrial Management & Technology

Kingsville, TX

Graduate Teaching Assistant

Jan 2016 – May 2016

- Designed and conducted workshop for high school students to learn about STEM Education and innovations in Engineering.
- Evaluated and graded the test papers and assignments of undergraduate level courses – Auto CAD and Creo Parametric 3.0
- Helped design the course, prepare material, construct the tests and teach class sessions for undergraduate level courses.

## **SCHOLARSHIP**

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- Graduate scholarship (1000\$ scholarship & in-state tuition). Texas A&M University – Kingsville, Office of research and graduate studies (January 2016 to December 2016)

## **PROFESSIONAL MEMBERSHIPS**

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- Epsilon Pi Tau Honor Society (EPT) 2016 - Present
- The American Association of Civil engineers (ASCE) 2012 – 2015

## **PROFESSIONAL SERVICE**

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- Moderator, *5th International Association of Journals and Conferences*. (IAJC/ISAM 2016), Orlando, FL.