



JUNE UPDATE

## SEIGSC-WVU Guest Speaker Presentation by ASCE WV Section President

*Morgantown, West Virginia -*

On June 17, 2019, SEIGSC-WVU welcomed Dr. Gregory K. Michaelson, P.E., ASCE West Virginia Section President and Assistant Professor in the Weisberg Division of Engineering at Marshall University, as guest speaker. Dr. Michaelson talked on the “Development of Economical Short-Span Steel Bridge Solutions.” The presentation mainly focused on innovative short-span bridge systems for accelerated bridge construction. Dr. Michaelson emphasized the significance of structural analysis and design in real-world construction. His talk featured design methodology, experimental testing, analytical studies and field investigations of short-span bridges which combine concrete deck with steel tub girders. There were a total of 22 attendees for this event including undergraduate and graduate students. Snacks and drinks were served during this session.



## Lunch and Learn Presentation by SEIGSC-WVU Faculty Advisor

*Morgantown, West Virginia -*

The Structural Engineering Institute Graduate Student Chapter conducted a *Lunch and Learn* session on June 5, 2019. Chapter Advisor Dr. Udaya B. Halabe gave a talk on “Nondestructive Testing (NDT) for Condition Assessment of Structures.” His talk included basic theory and applications of NDT techniques such as infrared thermography and digital tap hammer along with in-class demonstrations of these techniques. The presentation also included a brief introduction to Fiber Reinforced Polymer (FRP) Composites and their applications in bridge rehabilitation projects. This was followed by case studies showing applications of NDT techniques for construction quality control during several bridge rehabilitation projects involving the use of FRP composite fabric wraps. A total of 21 undergraduate and graduate students attended the session. Pizza and soft drinks were served during this *Lunch and Learn* session.



*We thank you for your support and time!*

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