

**Student name: Balachandar Guduri**

Academic level/academic standing: Ph.D. Graduate – Engineering Mechanics

Thesis/dissertation title and status: “Adaptive Process Control for Achieving Consistent Mean Particles' States in Atmospheric Plasma Spray Process”, Graduation Date: December 2021

Impact Statement: “The project helped me develop a better understanding of the necessity of improving vehicle safety during lane changes. It created an opportunity for me to utilize my skills and knowledge on safety analyses related to naturalistic driving studies and improved my knowledge of data analytics. This project financially assisted me from July 2021 to October 2021 during my graduation study. Further, it laid a path to pursue my career as an analytic data researcher in the field of transportation and it assisted in converting a student wage position to a full-time position at VTTI in the Division of Data and Analytics.”