



NEWS RELEASE

Central State University
College Of Engineering, Science, Technology, And Agriculture
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For Immediate Release

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CENTRAL STATE UNIVERSITY –INTERNATIONAL WATER RESOURCE CENTER ASSISTS DAYTON REGIONAL STEM SCHOOL STUDENTS’ SCIENCE/ENGINEERING PROJECT

WILBERFORCE, OH- When Dr. Jack Thomas began serving as the new President of Central State University (CSU), he created a new slogan to represent the depth of research and innovation taking place at Central State. The phrase “*Innovation is in our DNA*” was born, and one professor embodying that spirit is Dr. Subramania Sritharan.

Dr Sri, as he is affectionately known by everyone at CSU, has served the University for more than 30 years and shows no signs of slowing down. This was recently evidenced when he took time out of his busy schedule to mentor two Dayton STEM School freshman; Luke Dosek, and Joseph Wright, with their project on “Inventing a Micro Turbine.” The micro turbine can be installed in home gutters to generate power using rainwater.

Luke and Joseph designed the turbine, used a 3D Printer to manufacture it, and tested it in the Hydraulics Laboratory of the International Center for Water Resources Management under the guidance of Dr. Sritharan, who is Professor of Hydraulic Engineering & Water Resources Management at Central State.

“As a teacher who has mentored many science fair students over the years, I was rather impressed and pleased with their project and results, said Philip Bottelier, the engineering teacher and high-tech manufacturing center manager at the Dayton Regional STEM School. “Conducting authentic engineering and research during a pandemic as 9th grade high school students says a lot about them,” he added. Bottelier also stated that he was grateful for Dr. Sritharan’s assistance and that the Dayton Stem School was lucky to have Dr. Sritharan from Central State University as their mentor and professional advisor.

Dr. Sritharan, who also serves as the Interim Dean of the College of Engineering, Science, Technology, and Agriculture (CESTA); and Interim Director of Land-Grant Programs at Central

State University, said he was honored to be part of the project. “These young men are ninth-grade students and they came up with such an innovative concept. I can’t wait to see what they come up with next year.”

To learn more about Central State University research or to find out how to partner with Central State College of Engineering, Science, Technology, and Agriculture on your school’s STEM project, call 937-376-6670.

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Photo 1- Luke and Joseph working on project at Central State University Water Resources Lab.



Photo 2- Luke and Joseph with adult mentors working on project at Central State University Water Resources Lab.

About Central State University: Central State University, located in Wilberforce, Ohio, is a regionally accredited 1890 Land-Grant University with a 133-year tradition of preparing students from diverse backgrounds and experiences for leadership, research and service. The University, which has been named HBCU of the Year by HBCU Digest, fosters academic excellence within a nurturing environment and provides a strong liberal arts foundation and STEM-Ag curriculum leading to professional careers and advanced studies globally.

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