Undergraduate Research

Mini-Processor Design
- BDF-based WIMP51, WIMPAVR
- MEGA WIMP51

OURE Projects
- Morse-Code Translator
- Constant Current Battery Discharger Tester

K-12 Education Tools
- Logic Gates Emulator
- B-To-D Emulator
- Binary Addition/Subtraction Emulator

PoC: Rohit Dua, Associate Teaching Professor
Missouri University of Science and Technology
/Missouri State University Cooperative Engineering Program, Springfield, MO-65897
rdua@mst.edu, rohituda@missouristate.edu
http://web.mst.edu/~rdua/
YouTube Channel:
https://www.youtube.com/channel/UCxwAL25SyU5LcF7VGJMVkCw

Keywords
- #Education Research, #K-12 Education, #OURE

Recognitions
- 2023 ASEE Midwest Section Outstanding Service Award
- 2022 Nominated for Missouri S&T Experiential Learning Award
- 2019 Missouri State University FCTL Teaching Award for Excellence in High Impact Learning Practices
- 2019-2020 Missouri S&T Experiential Learning Award
- 2018 ASEE Midwest Section Outstanding Service Award
- 2017-2018 Missouri S&T Faculty Achievement Award
- 2014-2015 Missouri S&T Experiential Learning Award