

# **2019–20 Projects**

## **Industrial and Systems Engineering**

- Plant Layout for Success
- Improved Automated Process Control User Interface Design for Crude Tower
- Fatigue Mobile Application Interface Design Project

## **Biomedical Engineering**

- Measurement of Interference Fields that can impact Pacemakers in Daily Scenarios
- Visual Play Board
- Variable Blood Simulant for Pulse Oximetry Test and Evaluation
- Got Baby
- Integrated fNIRS and EEG Probe for TBI Monitoring
- Non-Invasive Blood Calcium Ion Concentration Monitor
- Non-Invasive Blood Glucose Monitoring by Radio Frequency Impedance
- 3D Printing of Dental Devices