



FACULTY MENTOR

Le, Hanh-Phuc

PROJECT TITLE

Power Electronics for Sustainable Renewable Energy in Rural Areas

PROJECT DESCRIPTION

Work on the power electronics and control for for a compact and inexpensive All-DC power system using renewable solar energy to provide reliable and inexpensive electricity for essential life and educational activities at night (lighting, radio, phone charging, etc.) in remote, rural areas in Sub-Saharan Africa.

This project can accommodate both remote and in-person students

INTERNS NEEDED

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PREREQUISITES

ECE 102, ECE 125A. Other power electronics classes will be a plus.