FLEXible Electric Machines LABoratory

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Team members

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Main topic(s)

Main category:

Student-centered course design

Main horizontal priority:

Sustainability

Key words: electric machines, sustain. energy conversion, practical engineering education, portability, modularity,

cost-effectiveness



Challenge/problem - objective

Challenge/problem	Objective
Theory – practice gap	Enabling hands-on learning
Adaptation, transport, set-up	Modular and compact design
High-cost equipment	Cost-effective design

Methodology, outcomes and lessons

- Curriculum driven
- · Safe, Modular and Smart Design
- Stand. industrial components
- Straightforward usage, safety
- > 2020. > **150** students/year
- Feedbacks > improvements
- Resilient & Portable
- Custom and Easy to Implement
- Affordable and Long-Term Use









