Implementation unit	**Department of Electrical Engineering**
Project name	**Activities to Popularise Scientific Knowledge on Smart and Green Energy Technologies 2020**
Project host	**Yu-Lin Juan**

1. Project summary:

The main goal of this project was to promote professional knowledge related to smart and green energy technologies through activities such as the sharing of research experience and knowledge-exchange workshops. These were combined with easy-to-understand practical operations before being promoted to vocational teachers working in junior high and high schools so that they could in turn transfer the relevant knowledge to their students. The aim of this project is to help achieve sprout education on smart and green energy technologies in the country, allowing our students to obtain a preliminary understanding of the related technologies during their schooling years.

2. Results:

Several events were held during the period of implementation of this project. These included: (i) training for lecturers and assistants dealing with textbooks and teaching aids for popularising scientific knowledge; (ii) 14 workshops to train junior high and high school trainee teachers on promoting popularisation plans and enhancing professional skills related to smart and green energy technologies held between July and December 2020; (iii) a smart green energy camp held in January 2021 to train vocational students in high schools; (iv) 13 sessions of roving campus lectures on the theme "Activities to popularise scientific knowledge on smart and green energy technologies" conducted from September to November 2020 to train junior high and high school trainee teachers; (v) site visit activities to green energy facilities; (vi) special lectures by experts and scholars on green energy technologies; and (vii) 15th International Seminar on Green Energy Technologies and Management. The seed teachers trained under these projects taught 19 courses in various schools and in turn trained another 1,111 trainee teachers.

Relevant to the corresponding SDG indicators	□ SDG01 □ SDG02 □ SDG03 □ SDG04 □ SDG05 □ SDG06 □ SDG07 □ SDG08 □ SDG09 □ SDG10 □ SDG11 □ SDG12 □ SDG13 □ SDG14 □ SDG15 □ SDG16 □ SDG017

Supporting photographs

Workshop organised to train vocational teachers and students on promoting popularisation plans and enhancing professional skills related to smart and green energy technologies	Assisted in the organisation of the "Taiwan GET! International Forum and Results Presentation" on 12 March 2021 and published our findings
Relevant link • Fan page for promoting the popularisation of scientific knowledge on smart and green energy technologies: https://reurl.cc/NreXa5	