

During the summer of 2013, selected ECE-AIMS2 students will be involved in a project, the purpose of which is to design and construct a portable **Solar Charging Station** for Electric Bicycles (SOCHS) for a sustainable campus. This project is composed of two parts: The first one will design, simulate, and develop blueprints, and generate a list of components; whereas the second part will buy, build and test the solar unit and electric bicycle. This charging station will be portable in such a way that we can move it around the campus to identify the best location according to bicycle traffic and solar radiation.