

Junior Research Mentoring Programme

Code:	JRMP2021_11
School / Department:	Department of Electrical Engineering
Name of Research Leader:	Prof. Eric Cheng, Professor
Research Topic:	Solar Electric Vehicle Development Programme
Short Description of the Research Project:	<p>The Programme is to develop a new version of solar vehicle which will be used in city and country side driving. It is collaborated with a green technology company. It is anticipated that a low cost all-electric vehicle can be developed with advanced control and monitoring technology.</p> <p>The research work includes:</p> <ul style="list-style-type: none"> • Vehicle design • Battery charging system • Actuation system
No. of Places Offered:	3
Special Requirement(s):	<ul style="list-style-type: none"> - Preferred subject taken: Physics - With some basic background/knowledge in electronics, solar power and motors - Hands-on experience in hardware (electrical measurement, using meter and basic laboratory testing)

* The information presented above is subject to change.