JUNIOR RESEARCHER MENTORING PROGRAMME 2022

Code:	JRMP2022_08
School / Department:	Department of Aeronautical and Aviation Engineering
Name of Research Leader:	Dr Boyang Li, Research Assistant Professor
Research Topic:	Design of Intelligent Unmanned Aerial Vehicle (UAV) Systems
Short Description of the Research Project:	This project aims at designing autonomous Unmanned Aerial Vehicle (UAV) systems based on machine learning methods. With the advancements in Artificial Intelligence, UAV systems can perform complicated tasks automatically. Participating students will have the opportunity to solve real-world UAV challenges such as navigation in indoor environments, precise control over highly-manoeuvring trajectories, and autonomous landing on moving platforms.
No. of Places Offered:	3
Frequency of Meetings:	Monthly
Special Requirement(s):	- Interested in robotics - Basic knowledge in physics and computer programming

* The information presented above is subject to change.