

Mon 19th July 2021



## IET Wellington Local Network IET 150th Anniversary: Westport Robotics Workshop

As part of the IET's commitment to supporting the next generation of New Zealand's engineers, scientists, and technologists, the IET Wellington & South Island Network each year, funds two university students to travel and support regional schools that have robotics clubs.

For the third year running two students from Massey University Palmerston North, were supported by the IET to provide a one-day workshop for the students at Buller High School Westport.

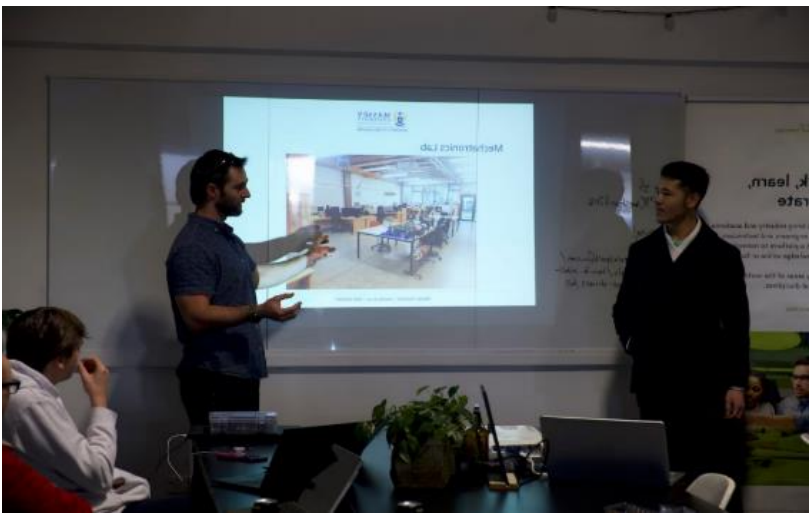
*"Attendees learned about studying engineering at University, and the uses of robotic technology. They then soldered components on to a circuit board and coded the microcontroller in the Arduino IDE application. They were able to code LED lights switch on and off, and a buzzer operate to play a tune they selected... We were able to keep the board, to continue on with the projects and explore other applications, individually."*

*Buller High School teacher Lisa Steenhauer*

As with previous years the Buller High School workshop was organised by IET Wellington Committee member Darren Baxter. Supporting Darren from Massey University were Brian Huynh and Jack Downing, who are both currently studying Mechatronics.

Will you create the next life-saving device? Or the next iteration of search and rescue robot? Help companies automate their manufacturing processes?

*All these things are possible if you become a mechatronics engineer.*



Brian and Jack talk to Buller students about their experiences studying the Mechatronics Course at Massey University



Buller High School students gather around the soldering stands to build their workshop projects



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### STUDENT MEMBERSHIPS of the IET

<https://www.theiet.org/membership/become-a-member/>