

# News

## Industry 4.0 Hub



UNIVERSITY  
OF WOLLONGONG  
AUSTRALIA

JUNE 2021

### WELCOME TO ISSUE TWO!

This is the second edition of the Industry 4.0 Hub newsletter. We aim to keep everyone up to date on what is happening at the Hub via these newsletters as well as sharing information with you.

If you consider that our newsletters are missing anything or require more information, please feel free to let us know what your thoughts are!

Do you know of anyone else who may be interested in receiving our newsletter? Why not forward this to them or perhaps you may consider directing them to sign up with us to receive their own updates.

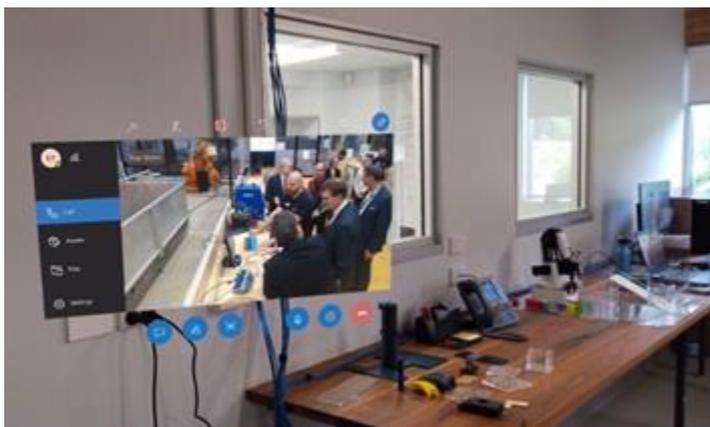
### LATEST NEWS

The Department of Education, Skills and Employment (DESE) has approved an extension for the University of Wollongong Industry 4.0 Hub in Nowra until 30 November 2022.

### Ministerial visits

There have been several Ministerial visits to the Industry 4.0 Hub since our last newsletter:

The Hon. Andrew Gee MP, Federal Minister for Decentralisation and Regional Education and Minister assisting the Minister for Trade and Investment [visited UOW and toured the Facility for Intelligent Fabrication in Wollongong on 5 May 2021.](#)



The Minister expressed interest in cobots and was able to view the cobot in action virtually from the Hub in Nowra through MS Teams via the AR Hololens headset. The Minister also had the opportunity to virtually tour the Hub and see the layout of the facility and equipment installed.

[On 11 June 2021 Industry 4.0 Hub hosted Federal Member for Gilmore Fiona Phillips, the Hon. Ed Husic MP, Federal Member for Chifley and Shadow Minister for Industry and Innovation.](#)



## Engaging with school students through STEM activities

The establishment of the Industry 4.0 Hub in Nowra is the first time that the Engineering and Information Sciences Faculty is represented on the Shoalhaven campus. It is the University's intention to use this opportunity as a catalyst to grow these disciplines in the region. The Hub will allow the region to tap into the expertise that exists at UOW. The aim is to increase engagement with the campus, as it continues to become a vibrant community hub.



Fifteen Career Advisors, STEM, TAS and Science teachers from Shoalhaven high schools visited the Industry 4.0 Hub over a number of days:

27 April	Nowra Christian School	4 teaching staff
24 May	Shoalhaven High	2 teaching staff
26 May	Nowra High Vincentia High	3 teaching staff 1 teacher
28 May	Ulladulla High	2 teaching staff
01 June	St Johns High	3 teachers

As a result of teacher visits, Nowra Christian School TAS teacher brought a senior student to use the hub's Laser Cutter as part of his Major Project.



Nowra High HSC Design and Technology and Engineering classes toured the Hub facilities on the 18 June 2021. One student is making a solar charging station to charge batteries that then fit into a mobile phone charger that then fit into a mobile phone charger to be used during the day. Another student is making modular energy efficient housing models. Both students have printed prototypes at school but jumped at the opportunity to use state of the art 3D printers to deliver a professional appearance of their projects.



## Shoalhaven Business Chamber 'business after hours'

The Hub has both participated in and hosted a number of presentations and networking events.

On 24 March 2021 the Hub hosted the Shoalhaven Business Chamber 'Business after Hours' networking event (the first since 2019) with 80 participants attending. Group tours comprising 20 participants in each group were arranged to visit the Hub where recently commissioned equipment and technology were demonstrated.



## Shoalhaven Professional Business Association 'Q & A panel'

The Industry 4.0 Hub hosted the spba 'Big Brekkie' networking event on 13 May 2021 at the UOW Shoalhaven campus. Paul Di Pietro provided a brief overview of Industry 4.0 and the role of the Hub, followed by a Q & A panel comprising our research engineers. Group tours of the Hub followed. [The 'Big Brekkie' networking event generated attendance of 30 professionals from the Shoalhaven.](#)



## UPCOMING EVENTS

### Smarter Schools for a Smarter Planet

The 'Smarter Schools for a Smarter Planet' is an initiative where students create community projects addressing water management using sensory data. An article detailing the program can be found [here](#). Smarter Water workshops were offered to local Shoalhaven high schools with Nowra Christian School expressing interest in running the program. Nowra High has booked 20 x Year 8 students and St John's Catholic High School has booked in 20 students early in term 3. The workshops will be held at the Nowra Industry 4.0 Hub facility.

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