



Lincoln UTC  
A college for science  
and engineering

# Newsletter

April 2022





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# Assistant Principal's Foreword

This term has been full of opportunities for our students to continue their professional development at Lincoln UTC. Year 11 and year 13 took their final set of mock examinations in preparation for the summer exam season. Year 10 students have been busy securing placements for work experience in May and have all visited industry partner Househam Sprayers as part of their project-based learning. Mr Hamer travelled to Coventry University with a group of BTEC engineers for a taster day in degree level engineering and visited A Green Engineering with students in year 11 and year 13 for a tour of their facilities.

We also continued to develop our cross-cultural links and international relationships. Lincoln UTC has a close partnership with the Youth College in Hong Kong and this term a group of year 12 students began working on a collaborative project, in which they received a series of workshops on AI programming and then put their knowledge into practice by developing an AI system to detect road defects. Our students and staff also raised a huge £555.66 for the Ukraine Crisis Appeal from our 'blue and yellow' day. Thank you to everyone that donated.

On the 16th of March we hosted our final Open Event of this academic year. As you may already know, we received an unprecedented number of early applications to join year 10 in September 2022 and have been oversubscribed since October. We still have a limited number of places available in year 12 and applications can be made through our website. In light of these circumstances, we have already opened applications for September 2023 for those students that are particularly keen to join us.

We wish all of our UTC community a happy Easter break, and look forward to seeing our students back on Wednesday 20th April.

Daniel Chung

Assistant Principal

# Industry Visits

This term Mr Hamer led visits to UTC industry partners A Green Engineering and Househam Sprayers. Both companies have committed to support us with an extended work experience placement, approximately 18 months – one day per week, as part of our T Level in Engineering that will start in September 2022. For this reason the trips were particularly relevant to year 11 students that have applied to study the T Level.

Househam Sprayers is the UK's largest manufacturer and supplier agricultural crop sprayers, and this trip was a great opportunity for students in all year groups to learn more about CAD design, manufacture, assembly and problem solving in the field.

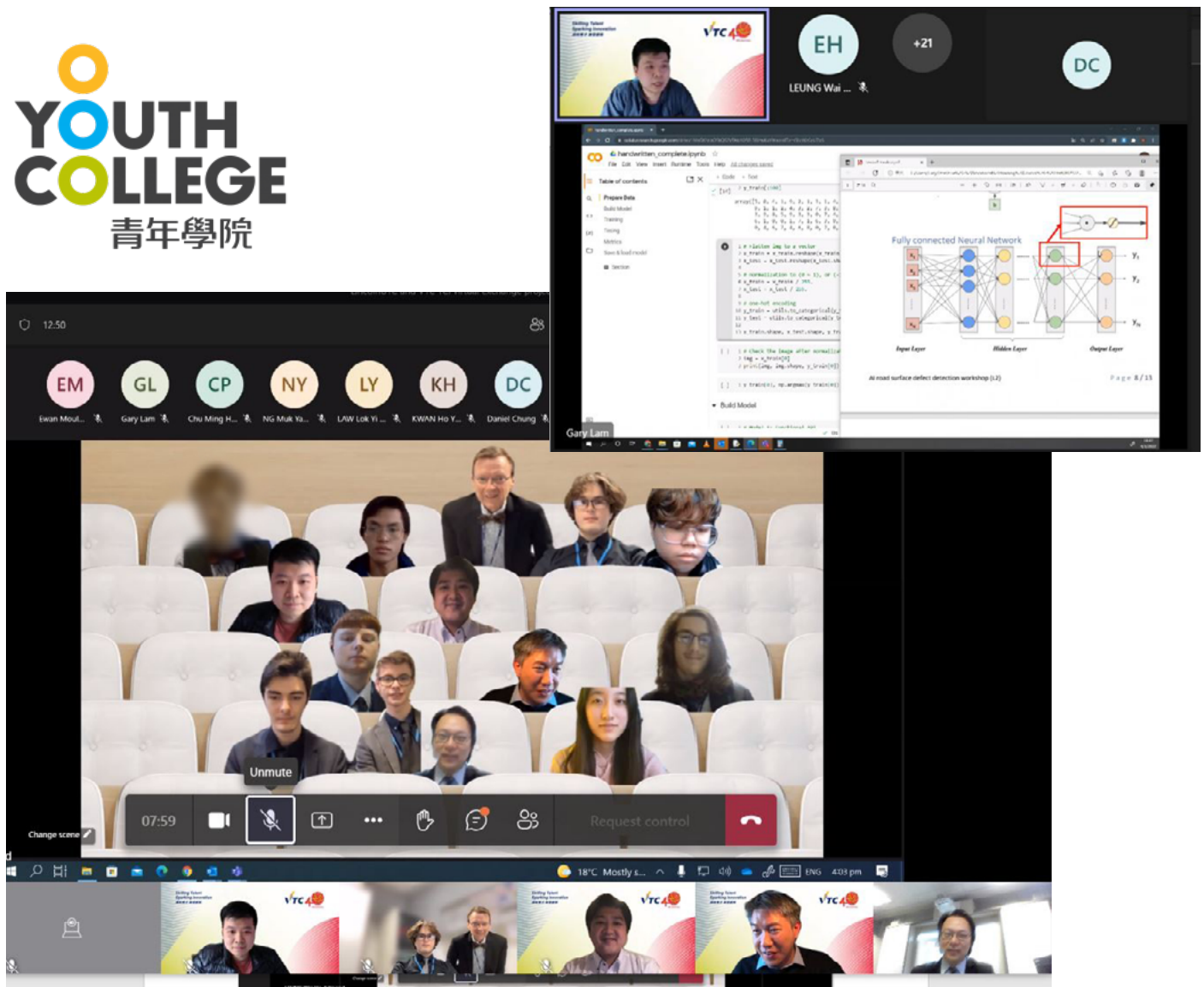
A Green Engineering produce incredibly tolerant and precise components for turbines and have a wide range of machinery for precision engineering, including CNC lathes, milling machines and capstans. The tour of their facilities was open to students interested in a career in practical machining in year 11 and year 13.



# AI Programming Project

Lincoln UTC has a close partnership with the Youth College in Hong Kong, which is part of the Hong Kong VTC organisation (Vocational Training Council). In 2019 twelve UTC students spent a fortnight in Hong Kong working alongside the Youth College students on science and engineering projects, and had the opportunity to see the sights and experience the culture of Hong Kong. Throughout the pandemic we maintained contact with the Youth College and compared our experiences of virtual learning.

This term a group of year 12 students have been working on a collaborative project with students from the VTC. Students participating in the project recieved a series of workshops on AI programming and put their knowledge into practise by developing an AI model and system to detect road defects. Our students are looking forward to training their models and sharing their findings with the VTC after Easter.





# Coventry University Visit

This term, Mr Hamer visited Coventry University with a group of year 12 and year 13 engineers for a taster day in mechanical, automotive, aerospace and electrical engineering. Many of these students are currently applying for university, and the visit provided a valuable insight into studying engineering at degree level.



# Blue and Yellow Day

In the wake of the ongoing humanitarian crisis in Ukraine, our students and staff participated in a 'blue and yellow' day to show solidarity and raise money for the British Red Cross Ukraine Crisis Appeal.

**In total we raised an amazing £555.66!**



**BritishRedCross**  
 BRITISH RED CROSS  
DEC MEMBER

**What can my donation do to help people in Ukraine?**

  
**£5** could provide three sleeping mats for people forced to flee their homes

  
**£10** could provide a family with a month's worth of hygiene supplies, helping them stay healthy

  
**£40** could provide blankets to ten people taking shelter

  
**£100** could provide 120 chlorine tablets, ensuring people have access to safe, clean water



# Ski Trip 2022

During February half term UTC students and staff visited Sestriere, Italy, for our annual ski trip. They had a fantastic time, and we are already looking forward to organising next years trip.





# Term Dates 2022/23

## **Term 1**

5<sup>th</sup> September - 14<sup>th</sup> October

Staff Training Days: 1<sup>st</sup> & 2<sup>nd</sup> September

Holiday: 17<sup>th</sup> October - 28<sup>th</sup> October

## **Term 2**

31<sup>st</sup> October - 16<sup>th</sup> December

Holiday: 19<sup>th</sup> December - 2<sup>nd</sup> January

Staff Training Days: 3<sup>rd</sup> & 4<sup>th</sup> January

## **Term 3**

5<sup>th</sup> January - 10<sup>th</sup> February

Holiday: 13<sup>th</sup> February - 18<sup>th</sup> February

## **Term 4**

20<sup>th</sup> February - 31<sup>st</sup> March

Holiday: 3<sup>rd</sup> April - 14<sup>th</sup> April

## **Term 5**

17<sup>th</sup> April - 26<sup>th</sup> May

Bank Holiday: 1<sup>st</sup> May

Holiday: 29<sup>th</sup> May - 2<sup>nd</sup> June

## **Term 6**

5<sup>th</sup> June - 21<sup>st</sup> July

Staff Training Days: 24<sup>th</sup> July

Holiday: 24<sup>th</sup> July - 31<sup>st</sup> August