


# REALumni E-Newsletter

## New Leadership On Board

We were excited during the recent REALumni Get-Together on 8 June 2018 at the Marina Square Alumni House, where our REALumni joined us in welcoming our new Director and Deputy Director (Graduate & Alumni).



 Professor Lalit Goel joined REP as the new director from 1 April 2018. He is currently a Professor in the School of EEE. He has served in several administrative appointments such as Head of Power Engineering Division from 2005 to 2008, Dean of Admissions & Financial Aid from 2008 to 2012, Director – Projects (Undergraduate Education) in the President’s Office from 2012 to 2014, and Director – Office of Global Education & Mobility from October 2014 to March 2018. In particular, he is excited about meeting all REP students, REALumni as well as representatives from our overseas partner universities.

 Associate Professor Geoffrey Chua joined REP as a Fellow in May 2016, and was appointed Deputy Director (Graduate & Alumni) on 1 April 2018. He teaches supply chain management at the MSc level in REP. A well-liked professor among students, he is looking forward to connect with REALumni. He will lead in graduate studies and REALumni initiatives.



## A Special Thanks to Outgoing Leadership

THANK  
YOU

On behalf of the REP community, we would like to take this opportunity to thank Professor Gan Chee Lip and Associate Professor Tan Joo Seng for their dedication, hard work and commitment in building and growing REP to what it is today.

HAPPENINGS  
@ NTU

NTU ranks 12th in the world, cementing its position among top universities in QS rankings, and also retains top 3 ranking among world’s young universities by Times Higher Education.

12th

QS World University  
Rankings  
2019

3rd

Times Higher Education  
Young University  
Rankings 2018



1. Describe your overseas work trip experiences.

Fun! I am exhilarated by the opportunity to learn very technical aspects such as coding for controlling the operations and safety of large gas turbines and figuring out mechanical fixes for components that failed. In the UK, I saw how our British counterparts are expected to take direct ownership and initiative of certain projects and clients regardless of the employee's experience (interns and fresh graduates, too!), whereas back in Singapore, we tend to respond reactively to situations and clients. Therefore, there was a steep learning curve for me, with my supervisor stepping in to help only when necessary.

The colleagues in UK are very welcoming too. In Warwick, there is a relatively high international mix with plenty of new cultural experiences. This is also a great chance for weekend travels too. To name a few, I've been to Jurassic Coast and the Frankfurt Christmas Market Birmingham last year.

2. Did you encounter any cultural shocks or challenges?

Nope! The working culture, weather and living standards in Warwick are similar to those in Derby and London, where I completed the overseas summer internship with Rolls-Royce and Year 3 in Imperial College London (ICL). Like almost anywhere else in the UK, pubs and weekly nights out are commonplace.



### 3. What are some highlights from this trip?

I was able to visit workshops, assembly factories and R&D sites that are simply not possible to visit in Singapore due to the huge space required. Also, playing football for an hour in sub-zero weather and having the car freeze over every morning is nuts! Being able to see a different part of the country or a new city each weekend is refreshing too. And being back in ICL for the REP mixer in October last year!

### 4. How has the education in REP helped you in your work?

The exposure to various engineering disciplines in REP is definitely a benefit in my line of work as I could tap on my existing knowledge in mechanical, electrical, computing and chemical engineering. In addition, a basic background in business and finance helps in writing proposals and client management. My contacts in university also form a part of my working network!



Photo taken at R5 ICL Mixer.

### 5. What are some key lessons and takeaways from this 6 months overseas work trip?

Take any opportunity that comes and is doable! Any open door will lead to many others, but the first step needs to be taken. Furthermore, if anyone asks you out for a drink or a meal, go for it – you never know what a random encounter could bring!

## The More We Get Together

## EVENTS

On 8 June 2018, our REALumni community met at a Get-Together session at the Marina Square Alumni House. It was a lovely evening with plenty of smiles as our fellow REALumni took their chance to catch up with their classmates, seniors and juniors while tucking into a delicious buffet dinner.



Professor Lalit Goel, Director of REP kicked off the event by giving his welcome address. Associate Professor Geoffrey Chua followed by introducing the benefits and formalisation of the REALumni Association. The event lasted well into the night and eventually it was time to say goodbye. We hope that everyone had a great time catching up with one another, and we look forward to see you again at future gatherings.



REALumni who like to form the REALumni Association, you are most welcome to drop us an email at [REALumni@ntu.edu.sg](mailto:REALumni@ntu.edu.sg).



# Celebrating Student Achievements

## Striking “Gold” at Shell Eco-Marathon Asia 2018 UrbanConcept – Hydrogen Category

Shell Eco-Marathon Asia 2018 challenges student teams around the world to design, build, test and drive ultra-energy-efficient vehicles, which saw a participation of over 120 teams from 18 countries.

Held from 7 to 11 March 2018 in Singapore, Team Nanyang Venture 8 competed with their 3D-printed car and emerged champion in the UrbanConcept – Hydrogen category, with a best attempt score of 46km/m<sup>3</sup>. The multi-disciplinary team comprised three R6 students (Chang Chern Jie, Gan Zhi Yuan, Toh Wen Qi) and seven other students from School of Mechanical and Aerospace Engineering, School of Electrical and Electronic Engineering and School of Computer Science and Engineering. The team had previously competed in the Battery Electric category in 2017 and this year’s strategy to convert the car’s energy source to hydrogen paid off. Nanyang Venture 8 is a 4-wheeled urban passenger vehicle powered by hydrogen fuel cell, with a carbon fibre chassis and 3D-printed upper shell made of 150 3D-printed parts.



Team members, with Chang Chern Jie (third from right), Gan Zhi Yuan (second from right) and Toh Wen Qi (extreme right).

Nanyang Venture 8 walked away with a cash prize of USD\$3,000.

## We love to HEAR from you!



Do you have interesting stories to share or are planning to organise activities for your fellow alumni? Let us know and we will be glad to feature them in the e-newsletter. We welcome all suggestions and contributions for future issues. Simply email us at [REALumni@ntu.edu.sg](mailto:REALumni@ntu.edu.sg).

## Update Your Contact Details



Changed job or mobile number? Do update your personal particulars by emailing us to receive this e-newsletter and latest news & announcements.

## UPCOMING EVENT



### R3 Convocation

27 July 2018 (Friday)  
2.00pm  
Nanyang Auditorium

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