

Outreach/Campus issue

spirit

SINGAPORE
POLYTECHNIC | **SP**

With SP, it's So Possible

vol. **1**
2018

02

Meet the charming
top performers from
the class of 2018

12

Check out what
happened at SP's 58th
graduation ceremony!

24

What you need to
know about EAE

*Psst... flip to the
back for details of
our exclusive
giveaway*



TOP
PERFORMERS OF
2018

SURE PASS KIT - 2018



Calling all 'O' & 'N' Level students!

We know #ExamPains and we feel for you!
We have put together the SP Sure Pass Kit filled with awesome gifts and exam tips that'll help you ace your exams!

To win the kit, all you have to do is..

VOTE NOW!
@singaporepoly

Voting ends:
6 July 2018
Results out:
13 July 2018

...with your school name. The school with the most votes will win an additional mystery item from The Face Shop in their kit!

A Milo van PLUS a kacang puteh cart will also make a special visit to your school!

CONTENT HIGHLIGHTS

p.02

Top Performers of 2018

A sneak peak into the lives of our top students.

p.12

Good Times, Good Times

SP celebrated its 58th Graduation Ceremony!
Check out what happened.

p.16

Making a Difference

Lee Zheng De, SP's 200,000th graduate, opens up to SPirot about his entrepreneurship journey.

p.18

Venturing Beyond the Classroom

Overseas internships, LEX programmes, Youth Expedition Projects – many opportunities to go beyond the classroom in SP.

p.22

Scholar Today Trailblazer Tomorrow

The recipients of the various SP scholarships have done us proud! Read about the scholarships and financial schemes offered at SP.

p.24

Early Admissions Exercise (EAE)

What is the EAE about?
Hear from our EAE students!

p.26

Pro Graduands Show off Projects

#Throwback to the Grad show season!

p.30

Chomping through Campus

Follow Diploma in Creative Writing for TV and New Media student Charlene Phua as she takes you on a food adventure.

p.32

Where Are They Now?

From the first registered student of SP to the owner of a dental chain – we caught up with some of our SP graduates!

p.36

Thanks for the Memories, SP!

SPirot caught up with three graduates who share with us the memories they will take with them.

THE SPIRIT TEAM

Team Advisors

Yvonne Chan and Low Su-Lin

Editorial Team

Deanna Bonaparte, Dione Chew, Lynn Wee

Cover Models

Top (left to right):

Muhammad Khairul Afiq Bin Juma'at, Tan Yu Yang, Lim Jing Ying

Middle (left to right):

Kirstin Yip Su Jun, Lee Wen Wei, Chiew Kang Lin, Dominic Li Guoming

Bottom:

Tan Xi-Wen Erica

Magazine designed by

Oxygen Studio Designs Pte Ltd

SPirot is published by the Department of Communications, Singapore Polytechnic. All rights reserved. No information herein should be reproduced without the permission of the publisher. All information is correct as of May 2018. For editorial or advertising enquiries, please send an email to spirit_editor@sp.edu.sg

SPIRIT

CONGRATULATES OUR

INSTITUTIONAL MEDALLISTS.

— THE STAR PERFORMERS OF —

2018





Muhammad Khairul Afiq Bin Juma'at

Diploma in Marine Engineering
Alumnus of Bowen Secondary School

Recipient of:

- Lee Kuan Yew Award
- Sembcorp Marine Gold Medal
- Maersk Tankers Singapore Prize
- OCBC Prize

During his secondary school years, Muhammad Khairul was not interested in studies and often skipped classes to hang out with friends. The turning point for this Bowen Secondary alumnus came when his father was involved in a work accident. He realised that he, too, needed to shoulder some family responsibility.

And so Khairul gave his all to his studies and earned himself a place in SP's Singapore Maritime Academy to pursue Marine Engineering.

During his three years at SP, Khairul interned at Bourbon Offshore Asia. While working on board ships, he not only investigated vessel breakdowns and studied machinery repairs, but also took on additional duties in auditing and insurance. The managing director was so impressed with Khairul that he offered him a full-time position with the company.

Before that can happen, this Lee Kuan Yew Award winner will pursue a Degree in Maritime Studies at Nanyang Technological University.

Dominic Li Guoming

Diploma in Energy Systems and Management
Alumnus of Boon Lay Secondary School

At 33 years of age, Dominic Li Guoming has had a wider range of experiences than his polytechnic peers. By the time he entered SP, this Boon Lay Secondary School alumnus had already worked for eight years and gotten a Government scholarship. The scholarship gave him the chance to take up SP's Diploma in Energy Systems and Management.

For this model student, learning went beyond the classroom. He honed his music and leadership skills in SP's Symphonic Band. He sharpened his engineering know-how by engaging with students from other engineering fields to build a solar car. The vehicle raced 3000 km from Darwin to Adelaide in Australia with Dominic troubleshooting and maintaining the vehicle's batteries throughout the race.

His education fired his passion in alternate energy systems. Moving forward, this Lee Kuan Yew Award winner hopes to do research to minimise mankind's carbon footprint.

Recipient of:

- Lee Kuan Yew Award
- SP Group Gold Medal
- The Institution of Engineers Gold Medal Award
- OCBC Prize





Lee Wen Wei
Diploma in Electrical and Electronic Engineering
Alumnus of New Town Secondary School

Recipient of:

- Lee Kuan Yew Award
- The Diploma-Plus Book Prize
- The Institution of Engineers Gold Medal Award
- Energy Market Authority Gold Medal
- OCBC Prize

He has always been fascinated with electronics. So when Lee Wen Wei completed his O-Levels, SP's Diploma in Electrical and Electronic Engineering course was the obvious choice.

At SP, the talent of this former New Town Secondary School student flourished. During his internship, he improved the data management applications and processes at LTA and assisted with train tests for the new Downtown Line. He also represented Singapore at the International Standards Olympiad Competition in South Korea.

But Wen Wei also gave back. Through the National Youth Achievement Award Ambassadors Club, he started an initiative to refurbish old computers for needy families. He also did community service in Yunnan, China, where he and his team built an incinerator for local villagers.

This Lee Kuan Yew Award winner will pursue a degree in Electrical and Electronic Engineering at Nanyang Technological University with the hopes of playing a major role in this field one day.

Kirstin Yip Su Jun

Diploma in Creative Writing for TV and New Media
Alumna of CHIJ Secondary (Toa Payoh)

Kirstin Yip Su Jun lives to write which is why SP's Diploma in Creative Writing for TV and New Media was the obvious choice for this CHIJ Toa Payoh alumna.

A firm believer that experiences enrich her writing, this Model Student Award recipient engaged in several prominent activities. Under the JENESYS 2016 Picture Book Programme, she wrote a children's story book, which was displayed at Singapore's National Library. She also took on the role of Secretary-General for the S Rajaratnam Endowment Youth Model ASEAN Conference and even facilitated a high profile forum. She also served as editorial intern at The Straits Times.

But it was her experience teaching English while at an overseas community involvement programme in Indonesia that really made an impact.

Looking ahead, this Toh Chin Chye Gold Medallist plans to intern at various social enterprises and media-related companies, and raise awareness of special needs, before furthering her studies.



Recipient of:

- Toh Chin Chye Gold Medal
- Singapore Press Holdings Gold Medal



Tan Yu Yang

Diploma in Accountancy
Alumnus of Manjusri Secondary School

Tan Yu Yang comes from a low-income single-parent family. While studying, he worked part time to lighten his mother's financial load. His studies suffered. He scored badly for every subject... except Mathematics. He knew then that his future lay in numbers. So when he excelled in his N-Levels, this Manjusri Secondary alumnus enrolled in SP's Diploma in Accountancy through the Polytechnic Foundation Programme.

Through SP, he went for a study trip to China, chaired a committee on human trafficking at a Youth ASEAN Conference and took part in several competitions. His internship work earned him the PricewaterhouseCoopers' Outstanding Award for Whole Leadership.

This SP scholar also served the community. In Indonesia, he worked to improve the livelihood of mushroom farmers. In Singapore, he raised funds to refurbish the library of a family service centre.

This Low Guan Onn Gold Medallist plans to attain his Chartered Accountant qualifications and contribute to the financial landscape of Singapore.

Recipient of:

- Low Guan Onn Gold Medal
- Alfred Robert Edis Prize
- Institute of Singapore Chartered Accountants Gold Medal

Lim Jing Ying

Diploma in Perfumery and Cosmetic Science
Alumna of Hougang Secondary School

Lim Jing Ying has always been passionate about cosmetics. So this Hougang Secondary alumna enrolled in SP's Diploma in Perfumery and Cosmetic Science through the Polytechnic Foundation Programme to gain insight into the industry.

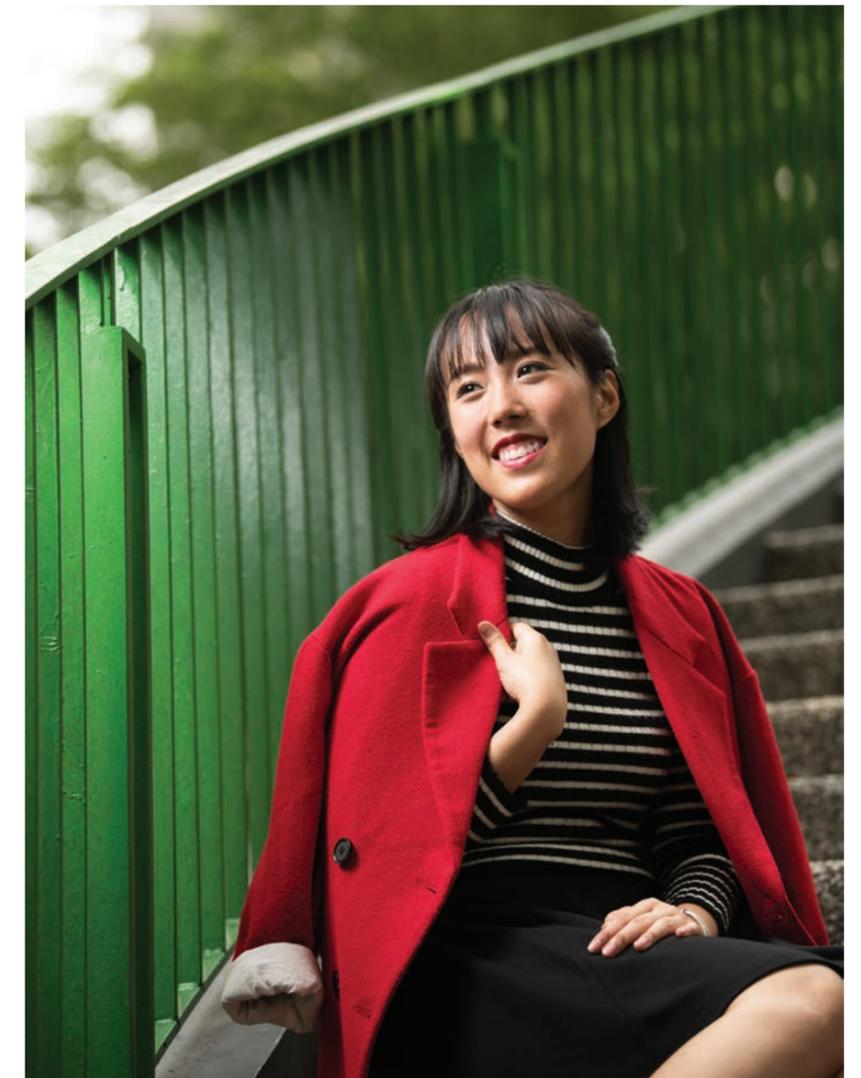
A high point in her academic journey was her internship at the Applied Research Department of Symrise Singapore where she did research on fragrance encapsulation technology and conducted test evaluations.

This SP Scholar and Model Student also developed her other passion – helping others. While in China for a community service project, she worked with children with special needs. In Singapore, this Model Student Award winner made weekly visits to the St John's Home for the Elderly to engage its residents.

This Chua Chor Teck Gold Medallist will be studying Chemistry and Biological Chemistry at Nanyang Technological University to fulfil her dream of creating skin care products that will make a difference, especially to those living in developing countries with hygiene issues.

Recipient of:

- Chua Chor Teck Gold Medal
- Lubrizol Southeast Asia Gold Medal





Erica Tan Xi-Wen

Diploma in Digital Animation
Alumna of Tanjong Katong Girls' School

Recipient of:

- Tan Kay Yong Gold Medal
- IMDA Gold Medal

As a child, Erica Tan Xi-Wen was fed a steady diet of animated films. So when it came to picking a course of study, SP's Diploma in Digital Animation was the obvious choice for this Tanjong Katong Girls' School alumna.

At SP, Erica learnt everything she could about video and animation. During her internship at production company Big 3 Media, she seized every opportunity to excel. Her list of achievements include a National Day 2017 video segment and the opening sequence for Mediacorp's Toggle online web series, Dear DJ. She also produced promotional content for Lazada and Golden Village.

Erica's work so impressed the production house that they offered her a full-time contract.

This Tan Kay Yong Gold Medallist will embark on a stint in the media industry, building up her portfolio before pursuing her passion to read animation and directing at an overseas university.

Chiew Kang Lin

Diploma in Mechanical Engineering
Alumna of Fuhua Secondary School

During her secondary school days, Chiew Kang Lin failed English and had difficulty grasping theoretical concepts. But this Fuhua Secondary alumna realised she had one subject in her favour – Design and Technology – which allowed her to create functional products and explore the use of complex machines.

So she took up Mechanical Engineering at ITE before enrolling into a diploma in the same field at SP. Here, Kang Lin seized every opportunity to excel. She developed software to automate the process for machine calibrations during her internship at ST Kinetics, and studied numerous automation systems during a 6-week overseas exchange programme in Chang Chun, China. While in China, she also worked on Programmable Logic Controller diagrams for factory production.

This Tay Eng Soon Gold Medallist will be pursuing a degree in Mechanical Engineering at Nanyang Technological University. She aspires to work as an Engineer before becoming a lecturer to inspire and nurture a new generation.

Recipient of:

- Tay Eng Soon Gold Medal
- ST Kinetics Silver Medal



Good times, Good times

GRADUATION 2018

Throughout the years, SP has nurtured many students who have gone ahead to become movers and shakers in their respective fields. And with more than 5,200 students graduating at our recent 58th graduation ceremony, we celebrated our 200,000-strong alumni milestone. We look forward to seeing how this latest batch of graduates will take their skills and knowledge gained in SP to contribute to the industry!



Wombmates graduating together!



Twin Power 2018



#SPGrad18



lightsabers over flowers and balloons



Double the joy!



Jumping to greater heights!



Never forget the people who raised and supported you!



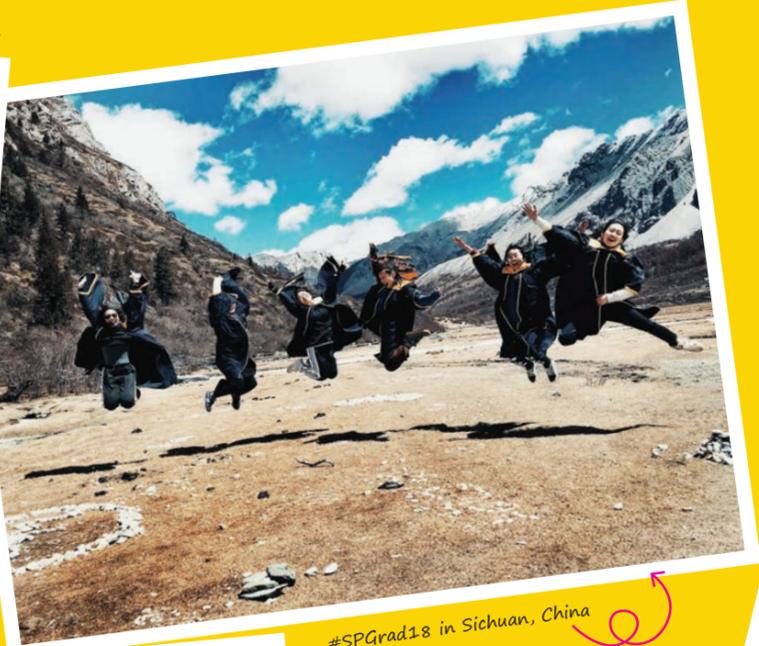
Our Diploma in Music and Audio Technology graduates Wayne Oh and Jeremy Hwang were signed by Funkie Monkeys Music as songwriters! They were discovered during an FM songwriting competition last year where Jeremy also won the Outstanding Music Arranger Award.



Grad gown or cape?



#SPGrad18 in Kyoto, Japan



#SPGrad18 in Sichuan, China



Our graduates say Aloha to their future!



#SPGrad18 in Wakayama, Japan



#SPGrad18 in Seoul, Korea

Who says you can't give guys flowers?!



Remembering the good times spent with CCA clubs. Graduation doesn't mean goodbye, guys!



Making a Difference

At age 20, Lee Zheng De, who is SP's 200,000th graduate, already has a successful business under his belt – but his entrepreneurial success didn't come easy. Here, he opens up to SPiRit about his journey and the challenges faced along the way.

While most secondary four students would be concerned about the national exams, Kranji Secondary School alumnus Lee Zheng De, who is also SP's 200,000th graduate, was inspired to make a difference to the world by creating something that would leave an impact.

This led to his enrolment in SP's Diploma in Engineering with Business through the Polytechnic Foundation Programme (PFP) as he believed that technology coupled with the relevant business skills would allow him to achieve his aspiration.

During his time in SP, he connected with like-minded peers and experimented with various business ideas, but none of it took off.

He then started Tripcendo – a platform that connects travellers with local hosts for curated travel experiences – with his brother, Zheng Dao

– who is also an SP engineering graduate – and witnessed its success. Unfortunately, it was short-lived.

Despite having a ready supply of over 200 hosts, they found it difficult to ramp up the demand, especially from international travellers. He was also unable to raise enough funds to sustain and grow the business.

Undeterred by the setbacks, the Lee brothers conducted countless interviews and research which eventually led to the discovery that travellers didn't want others to bring them on tours. Instead, they wanted their own itinerary but found the planning process to be very tedious.

With the aim to solve that problem, they then launched Packdat.com – an online travel planner which helps users arrange their itineraries through recommending routes and timings.

Today, Packdat.com has not only created over 5,000 successful itineraries across 16 cities in Asia, it has also secured a strategic investment from Passpod, an Indonesian digital travel company.

Such an entrepreneurial spirit, as exemplified by Zheng De, was also lauded by Deputy Prime Minister, Mr Teo Chee Hean during SP's 58th graduation ceremony.

Moving forward, the 20-year-old plans to head to Silicon Valley to learn how entrepreneurs run their companies, and eventually, give back to Singapore one day.

Zheng De and Zheng Dao, the brothers behind Packdat.com



www.jcu.edu.sg



Celebrating
15
YEARS
2003~2018

About James Cook University

James Cook University is Australia's leading university for the tropics and the Singapore campus of James Cook University is fully owned by James Cook University Australia



Top 2%
worldwide

The Academic Ranking of World Universities, Shanghai Jiao Tong University, 2017

Jump Start Your Career In



Information
Technology



Game Design



Business



Accounting



Psychology



Banking
& Finance



Hospitality
& Tourism



Aquaculture



Early
Childhood
Education



Environmental
Science



Register Now! 8222 6833 jcu.sg/jcucourses

jcu.singapore.fanpage | jcusingaporevideo | @jcu_singapore | jcusingapore



Cairns
Singapore
Townsville

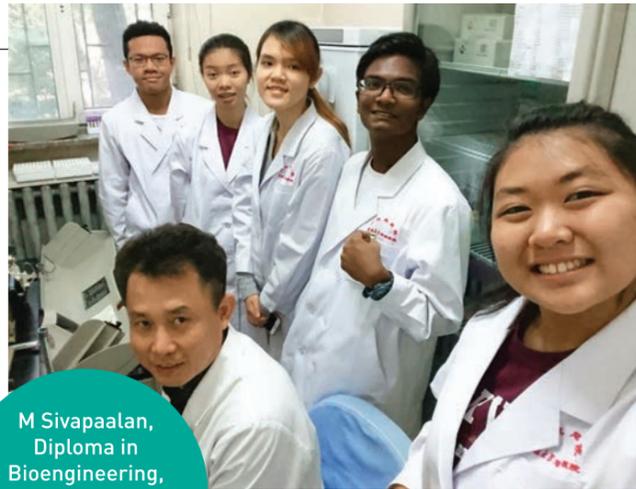
1 university • 2 countries • 3 tropical locations
Creating a brighter future for life in the tropics world-wide through graduates and discoveries that make a difference.



James Cook University Australia offers pathway, undergraduate and postgraduate programs at the Singapore campus of James Cook University, James Cook University | 149 Sims Drive, S(387380) | CPE Registration No. 200100786K | Period of Registration: 13 July 2014 to 12 July 2018

Cert No. : EDU-1-1001
Validity : 10/04/2015 - 09/04/2019

VENTURING BEYOND THE CLASSROOM



M Sivapaalan, Diploma in Bioengineering, Alumnus from Serangoon Secondary School

For Siva (standing, second from left), his passion for bioengineering grew after his 6-week internship in Changchun, China. As a lab assistant in the FAW General Hospital of Jinlin University, he assisted doctors in medical analysis and in operating complex medical equipment such as CT scanners and MRI scanners – an opportunity he is very grateful for.

OVERSEAS INTERNSHIP PROGRAMMES

Who says learning has to only take place within the four walls? Take a look at how these promising individuals made full use of their time and opportunities here.

Students from the Diploma in Electrical and Electronic Engineering

How often are you gifted the opportunity to create a rescue robot for fatal disasters?

Our Diploma in Electrical and Electronic Engineering fam not only learnt how to do that during their internship at the Toba National College of Maritime Technology in Japan, but they also had a great time experiencing the kawaii culture.



Students from the Diplomas in Electrical and Electronic Engineering and Energy Systems and Management

What do you know about the energy of the future? These guys sure have the knowledge, thanks to their six-week internship at Chang Chun, China. There, they participated in workshops on clean energy and even tried their hand at the various applications and solar panels.



Ruqoyah Binte Mazlan, Diploma in Business Administration, Alumna of Tanjong Katong Girls' School

Ruqoyah (on the right with white t-shirt) participated in the Tri-City programme, where she went to Indonesia, Vietnam and Thailand in a span of nine weeks to help Singapore brand Jumbo Group assess their potential entry into the market. Together with a team of lecturers and partner universities, she conducted in-depth interviews with locals belonging to understand their preferences and considerations.



LEARNING EXPRESS (LEX) PROGRAMME

SP's LEX programme provides students across SP with the opportunity to use their skills and knowledge to solve real problems in the world. Using the Design Thinking pedagogy, students from different diplomas work with locals from various countries to come up with an innovative solution that affects a local community. Students are thus given the chance to address local needs, strengthen their academic skills and renew their commitment to the community – all in one fell swoop.



One LEX group travelled to Chengdu, China, and collaborated with students from Chengdu University of Information technology to address the issue of waste management in a recently-urbanised town. They conducted in-depth interviews with the local community – predominantly displaced elderly farmers – to understand their challenges and needs, and came up with a creative solution to differentiate recycling bins by colour, as opposed to text. This minimises confusion for the elderly and encourages recycling!



Another LEX group comprising (from left to right) Diploma in Mechanical Engineering student Lavanya Ganeson (alumna of Bukit View Secondary School), Diploma in Accountancy student Sia Jia Wen (alumna of Hua Yi Secondary School) and Diploma in Business Innovation and Design student Loh Yi Jun (alumna of CHIJ St Theresa's Convent) went to Phnom Penh, Cambodia to formulate a development plan involving pottery and palm sugar to boost tourism numbers in the Kampong Chhnang Province. They were able to witness the tedious process of harvesting palm juice from trees to produce palm sugar and, as a result, gained a deeper appreciation for villagers living there!



Tang Li Diploma in Accountancy Alumna of Woodlands Secondary School

Tang Li enjoying a moment during her LEX trip in Yogyakarta, Indonesia. Her group went there to develop a business plan to increase the sales of a locally-produced product, ginger milk powder, in the Kali Tengah Lor village of Mount Merapi. By interacting and communicating with the locals, Tang Li was also able to better understand their way of life and grow in empathy for others!

YOUTH EXPEDITION PROJECTS

Each year, the Youth Expedition Projects (YEP) sees students from across SP contribute their services to less fortunate communities in the region. These trips give students the chance to engage in meaningful volunteer work such as conducting basic English lessons, construction work and painting classrooms. As a result, students become more empathetic and aware of the social challenges around the region.

Daniel Jeremy
S/O Jefferdeen,
Diploma in Tourism and
Resort Management,
Alumnus of St Andrew's
Secondary School

"The kids have taught us so much more than what we have taught them. Lessons such as responsibility – when they tidy up the class after each session – meekness and patience – especially when they do not understand us – and a keen attitude towards learning. I want to apply that attitude into my life, too!"



YEP Lam Dong, Vietnam

YEP Li Jiang, China



Nur Syairah
Binte Selamat,
Diploma in Applied
Chemistry with
Pharmaceutical
Science

"I thought I could never interact with the kids because I'm a non-Chinese. But this trip taught me that kindness does not have a language – it is a language that transcends barriers. It takes a lot to be able to speak in another language, but it's a choice to be kind and the kids chose the latter. This is a life lesson I never thought I'd get out of the trip."

YEP Prigen, Indonesia



Lim Jia Jie,
Diploma in Maritime
Business, Alumnus
of West Spring
Secondary School

"We have built such a great bond with the little ones and it's so heart-warming to see them improve their language skills with each English lesson. I really hope that whatever we have done will have an impact in their lives."

YEP Maubin, Myanmar



May Su Paing,
Diploma in Media
and Communication,
Alumna of Dunman
High School

"The students are so enthusiastic and eager to learn – to the point that they would come to class an hour earlier. This makes me think about how I should have the same hunger for learning and be more proactive on my quest to gain knowledge."

YEP Shangri-La, China

"During my 14 days of homestay, I've learnt to not take things for granted back in Singapore. This made me realise how blessed we are to have what we have at home. The locals are always so happy and it's the simplest things that make them smile. This really touched my heart and made me realise that it is so easy to be happy!"

Lim Li Xuan,
Diploma in Tourism
and Resort
Management,
Alumna of Anglican
High School



SCHOLAR TODAY TRAILBLAZER TOMORROW

The recipients of the various SP scholarships have done us proud!

SP offers scholarships to those who have done well in their studies. Over the years, our scholars have progressed to even greater heights - many of them are offered scholarships when they progress to local and overseas universities.



Check out the scholarships and financial schemes available in SP

SCHOLARSHIPS

The SP Scholarship

- Open to first-year students.
- Includes a bond-free tuition fee sponsorship, and notebook allowance.
- Participation in the SP Outstanding Talent (SPOT) programme.

The SP Engineering Scholarship

- Open to first-year students with a passion for engineering.
- Includes a bond-free tuition fee sponsorship and notebook allowance.
- Participation in the SP Outstanding Talent (SPOT) programme.
- Participation in R&D programmes and engineering conferences locally and overseas.

SP Arts Scholarship

- Open to students who excel in music and arts at the national or combined schools or higher level.

SP Sports Scholarship

- Open to students who excel in sports at the national or combined schools or higher level.

More Scholarships!

Besides SP scholarships, there are many other scholarships and awards schemes offered by external organisations that SP students can apply for.

FINANCIAL SCHEMES

SCHEMES TO HELP PAY TUITION FEES:

Mendaki Tertiary Tuition Fee Subsidy

This Scheme, funded by the Singapore Government and managed by MENDAKI, aims to support and help Malay students complete their tertiary education.

CPF-Approved Education Scheme

Students may apply for a loan from their own or their parent's CPF savings to pay the tuition fees. Deadline is at the beginning of each semester.

Tuition Fee Loan

SP offers a government-funded interest-free education loan to Singaporeans, Permanent Residents and foreign students studying in SP. Under this scheme, students can take up a loan of up to 75% of the tuition fees payable. Students can go to any DBS bank with a guarantor to apply for this loan scheme.

Post-Secondary Education Account (PSEA)

Funds left in Edusave accounts are transferred to PSEA when the student is 16 years old or when he/she leaves Secondary School/Junior College. This fund can be used to pay the fees in SP.

SCHEMES TO HELP PAY FOR TUITION FEES OR LIVING EXPENSES:

SP Donors-Sponsored Scholarship/Bursary

Each year, hundreds of scholarships and bursaries are given out through this scheme funded by donations from organisations and individuals. Selections are based on donors' criteria (which may include nationality, course, academic performance, financial circumstances, etc).
Award: \$1,000-\$3,000 per year

CDC/CCC-Polytechnic Bursary

A government-funded bursary for Singaporean students.
Award: \$2,000 per year

MOE Bursary

A government-funded bursary for Singaporean students.

Notebook PC Financial Assistance Schemes

Receive a reimbursement of up to \$800 for your purchase of a notebook PC by applying for the Notebook Subsidy. For highly subsidised PC and/or Broadband, students may apply for the Infocomm Development Authority of Singapore (IDA) PC-Bundle Scheme.

SP Needy Fund/School Needy Fund

Students encountering acute financial hardship may apply for the SP Needy Fund. The School Needy Fund is another financial assistance scheme to help students with pressing financial needs not met by the other schemes.

EARLY ADMISSIONS EXERCISE (EAE)

Do you have a strong passion in a particular field? If your answer is yes, look no further as EAE allows you to secure a place in SP even before sitting for your O-Level exams!



WHAT IS THE EARLY ADMISSIONS EXERCISE (EAE)?

The EAE allows students to apply and receive conditional offers for admission to polytechnic based on their aptitudes and interests, before their O-Level exams.

The polytechnic EAE is open to graduating O-Level students and final-year Nitec and Higher Nitec students from the Institute of Technical Education.

Selection and assessment will be based on submission of portfolios, interviews and aptitude tests, where relevant and appropriate. Participation in relevant CCAs, Advanced Elective Modules (AEMs) and Applied Graded Subjects (AGS), work attachments and sustained involvement in projects related to the course applied, and outstanding achievements in sports, arts, leadership, entrepreneurship and community service may also be considered.

Joshua Leong Hoi Ming Diploma in Aerospace Electronics Alumnus of Hillgrove Secondary School

"Ever wondered how a jumbo-sized jet could fly in the air? This was the question that led to my fascination for airplanes. So when I learnt about the EAE, naturally, I had my eyes set on SP's Diploma in Aerospace Electronics (DASE). Six months before the interview, I started compiling my portfolio, which showcased past projects and competitions that I have participated in. The SP EAE website was very helpful, too, which aided to the success of the interview. The interview is not meant to scare applicants, but for applicants to share their interests for a particular subject. So, one advice is to just go for it and be yourself!"



Scan for more information on EAE!

HEAR FROM OUR EAE STUDENTS!

Seow Qing Huat Diploma in Interior Designer Alumnus of Outram Secondary School and ITE College Central

"Unlike most people, I've difficulties speaking naturally because of my hearing impairment. So, painting and drawing have always provided an outlet for me to express my thoughts and feelings. My passion for the arts started when my dad gave me a home décor CD, which was filled with drawings of homes. He would always encourage me to be an interior designer and that one day, we could build our dream home together – and that became my goal.

After my O-Levels, I went on to pursue a Space Design (Interior & Exhibition) Nitec course in ITE. There, my lecturers saw my passion and encouraged me to pursue a polytechnic diploma. After researching about the EAE (ITE) application process, I put together some of my best sketches and showed my passion during the interview. I am glad I entered SP through EAE as I am now one step closer to becoming an Interior Designer!"



Billy Stevens Tay Kit Foong Diploma in Creative Writing for Television & New Media Alumnus of Anglo-Chinese School (Barker)

"Since young, my parents have encouraged me to read a lot. I was exposed to the creative industry because of my mother's occupation as a Theatre Producer. I would tag along to her rehearsals and saw how actors, directors and script writers come together to bring a story to life. I once wrote a script for a school performance and it confirmed my aspiration to be a writer. I witnessed the power of writing and how it allows me to connect with the audience. The EAE mailer from SP came at the right time and that was when I knew SP's Diploma in Creative Writing for TV and New Media is the course for me. I submitted my portfolio, went for the interview and shared my passion for writing and showcased my knowledge on documentaries, creative writing and the ability to operate a camera. My advice is to research and talk to your parents, teachers and lecturers from the polytechnic. After that, you are all set for a meaningful education journey!"



Scan to find your dream course in SP now!

PRO GRADUANDS SHOW OFF PROJECTS

#Throwback to the Graduation Show season - that time of year when final-year student works from the School of Electrical and Electronic Engineering (EEE), School of Architecture and the Built Environment (ABE), School of Digital Media and Information Technology (DMIT), School of Communication, Arts and Social Sciences (CASS) and SP Design School (SD) were flaunted. Check out some of the works that caught our eye – do you spot yourself or anyone familiar?



▶ RP-50 REHABILITATION ARM BRACE

by Nicholas Loh, Tan Shu Xian, Ling Wei Liang
Diploma in Bioengineering

Unlike conventional rehabilitation devices, the RP-50 is portable and able to provide therapy for multiple parts of the upper limbs. After a simple setup and training session by a therapist, patients who need physiotherapy can conduct rehabilitation themselves in the comfort of their home!



▶ ADULTING

by Nur Shafiqah, Eunice Yeo, Nivani Elangovan, Felicia Wong, Nuryn Adryana (not in picture: Kevin Ravendran)
Diploma in Creative Writing for TV and New Media

Adulting is a web sketch comedy series about teenagers who find themselves in humorous situations relating to worries and concerns about adulthood. It hopes to convince teens that adulthood is not as scary as it seems!



▶ AUTOMATED TRANSPORTER

by Dillon Chew, Walter Tan, Xavier See, Mr Tan Tuan Kiat, Goh Hao Wei, Gerald Ng, Chong Minlon, Matthew Kwan
Diploma in Mechatronics and Robotics

This intelligent transportation vehicle brings passengers from point to point with minimal human effort in high density locales! It aims to save resources and improve productivity especially in places like the airport.



▶ WEARABLE TECHNOLOGY FOR CHILDREN WITH ATTENTION DEFICIT HYPERACTIVITY DISORDER (ADHD)

by Valent Chia, Denzil Ang, Chin Yong Kang
Diploma in Electrical and Electronic Engineering

This is a mobile application that pairs the SenzeBand, a non-invasive headband developed by Neeuro Pte Ltd, with a physical robot. When a child with ADHD concentrates hard enough, the physical robot will start moving and interacting with the child encouragingly!

▶ THE LOOP

by Geraldine Goie, Muhammad Syafiq, Teng Guan Jun, Shameem Fathima, Benjamin Ling, See Yong Li
Diploma in Landscape Architecture

The LOOP aims to create a pedestrian oriented network and a better living environment in Ghim Moh estate, through seamless connectivity, sustainable approaches and the integration of urban with nature.





SNOWFIELD

by Lee Jian Heng, Looi Yue Peng, Samuel Huang Hao Yi, Tan Chen Xiang
Diploma in Information Technology

Snowfield is a Virtual Reality game which simulates the job of a merchant, who is usually the supporting character in role-playing games. The player, who is the merchant, will help the other characters craft weapons, fight monsters and give out quests.



#STARTFROMWITHIN

by Ryan Tan, Jillian See, Reshma R (not in picture: Jamy Soh, Adam Azlee, James Teng)
Diploma in Media and Communication

#StartFromWithin is a marketing campaign proposal for a sunblock brand, Heliocare. This campaign aims at raising brand as well as product awareness of oral sunblock supplement!



ADPLICARE: TECH WEARABLE

by So Cheuk Ying
Diploma in Experience and Product Design

Adplicare: Tech Wearable explores how wearable tech devices can be designed to track and alert users on the amount of pollen, dust and humidity in the air. This is particularly useful for those with allergies.



FORGET US NOT

by Terence Thong
Diploma in Interior Design

Inspired by his personal experience of caring for his late grandmother who has dementia, Terence developed a design concept for a community care centre that incorporates key sensorial elements such as texture, light and colours to help dementia patients navigate their way and mitigate the degeneration of their condition.



HAYWIRED

by Lee Ling Yan (not in picture: Chan Yan Tong, Timothy Gay)
Diploma in Visual Effects and Motion Graphics

HAYWIRED is a Stereoscopic 3D Animation with 2D Motion Graphics about a gamer attempting to complete a VR game with an unexpected twist. The animation uses emerging 3D immersive technologies to enhance viewers' experiences!

Chomping through campus

On the lookout for yummy noms in SP? Let **CHARLENE PHUA**, second-year student from the Diploma in Creative Writing for TV and New Media (DTVM), take you on a food-adventure.



Charlene

Food Court 6

Fans of Japanese food will not want to miss FC 6 Jap stall's **CHAWANMUSHI**, which has a smooth and light texture. For a more substantial meal, opt for the **CURRY RICE**, which has a slight peppery kick that compliments its hearty flavour beautifully.



Hilltop Library



If the weather is starting to heat up, head to the Hilltop Cafe and cool down with the **KOREAN FISH TAIYAKI ICE CREAM**. It features a generous block of ice cream with different flavours of fillings, and covered in yummy wafer.

Food Court 5

After a tiring day at campus, you would want to reward yourself with **STARBUCKS'** tasty options (forget about the calories just for today!) There is also **KFC** and **SUBWAY** to indulge in!



During term time, the **OLD CHANG KEE** wagon will be right here to satisfy all your cravings every Tuesday and Thursday, from 8am to 3pm.

Old Chang Kee



Food Court 3

Craving for something light and on the go? Then you'll like The Crowded Bowl at FC3 for its wide array of **SALAD** choices. For an affordable price, you will get a bowl of greens, two sides and a salad dressing of your choice – opt for the Japanese sesame dressing, it's not only healthy but yummy!



manna

If you love your **WAFFLES** crispy on the outside and fluffy on the inside, you'll be delighted to know Manna does it exactly that way! Don't forget to try their **MAC AND CHEESE**, too!



Food Court 2

CURRY PUFFS have always been a perennial favourite and you wouldn't want to miss out on this popular snack from FC2. Sink your teeth into the flaky puff and be greeted by its generous curry filling. Try it when it's piping hot – it makes a world of difference.



Food Court 1

Who would have thought FC1 would sell delectable **DIM SUMS**? Try the **CHAR SIEW PUFF**, you'll love it for its crispy exterior and sweet meat filling. The best part? It costs only 70 cents.

— LEGEND —

- School of Architecture & the Built Environment (ABE)
- School of Communication, Arts & Social Sciences (CASS)
- School of Chemical & Life Sciences (CLS)
- School of Digital Media & Infocomm Technology (DMIT)
- School of Electrical & Electronic Engineering (EEE)
- School of Mechanical & Aeronautical Engineering (MAE)
- SP Business School (SB)
- SP Design School (SD)
- Singapore Maritime Academy (SMA)

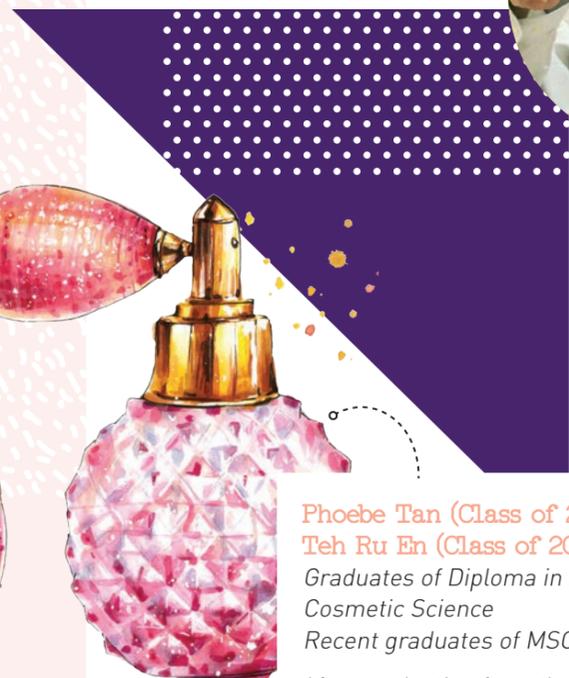
WHERE ARE THEY NOW?

We caught up with some of our graduates to find out how SP has been a good launching pad for them!



Lim Chin Aik (Class of 1961)
Graduate of Diploma in Advertising
Retired, last served as a Product Manager for Nestle Products (M) Sdn Bhd

As the first registered student and one of the oldest graduates of SP, Mr Lim is a senior that has seen all walks of life. He graduated with a Diploma in Advertising in 1961 and has served in almost all departments of Nestle Products (M) Sdn Bhd. His last post in the company was "Product Manager", where he was put in charge of areas like product quality, supply, distribution and advertising. Mr Lim is very thankful for his time spent in SP as it opened up a lot of doors for him. He was the first Asian manager of Nestle to be sent for training stints in Europe and Switzerland. Now 94 years old, Mr Lim still serves as a honorary member of Singapore Polytechnic Graduates' Guild and keeps his alma-mater close to his heart.



Phoebe Tan (Class of 2014) and Teh Ru En (Class of 2013)
Graduates of Diploma in Perfumery and Cosmetic Science
Recent graduates of MSC Cosmetic Science

After graduating from the Diploma in Perfumery and Cosmetic Science (DPCS), Phoebe went on to work as a perfumery assistant at the International Flavors and Fragrances, while Ru En went on to pursue her science degree at the University of Melbourne. Their paths crossed again when the two DPCS graduates enrolled in the MSc Cosmetic Science programme at the London College of Fashion (LCF), where they eventually achieved distinction grades for their Master's degrees. Their Master's projects incorporated elements of perfumery and cosmetic science, and, as their projects were of such high quality, LCF decided to enter them into an international competition organised by the German Society of Perfumers. Truly a great affirmation of their good work!



Justin Tan Wei Yang (Class of 2009)
Graduate of Diploma in Visual Communication and Media Design
Co-founder and Design Director, APT811 Design and Innovation Agency

Justin is part of the team that founded The Student Agency (TSA), a student-run organisation which provides SP Design School students the opportunity to work with real-world clients. It was during his time with TSA that the creative designpreneur had the chance to hone various skills – such as managing multiple clients and handling back-to-back deadlines – which were crucial to the early development of his own design agency, APT811.



Alex Chua Koon Ting (Class of 2007)
Graduate of Diploma in Biomedical Science
Managing Director, Polygems Dental Care

Alex made headlines in 2009 when he was the first poly graduate to be administered to NUS to study dentistry! Today, the former Diploma in Biomedical Science (DBS) student is the founder and managing director of Polygems Dental Care, which has four branches around Singapore.

Ask Alex how he came up with the name for his dental clinic and he will tell you that the word 'poly' is added to pay tribute to his alma mater. The qualified dental surgeon attributes the modular system offered in SP for allowing him to cultivate various skills – such as self-discipline, time management and the ability to adapt and learn – which enabled him to reach greater heights.





Mabel Khaw (Class of 2017)

*Graduate of Diploma in Architecture
Interior Designer,
Cozy Ideas Interior*

Mabel built a solid foundation in architecture when she was a Diploma in Architecture (DARCH) student. One learning opportunity was going for an architecture master class trip in Sydney, Australia that lasted 9 days. She had the chance to learn from gold medallist architects including renowned architects like Peter Stutchbury, Richard Laplastrier and Lindsey Johnson.

Today, the Building and Construction Authority (BCA) scholar is working as an interior designer in an interior design firm. Architecture has also allowed the enterprising individual to discover her interest in designing, which led her to start an online art business on her own as a side project.

Lisa Ng (Class of 1993)
*Graduate of Diploma in Biotechnology
Senior Principal Investigator,
Singapore Immunology Network
(SiGN), A*STAR*

As a Biotechnology graduate, Lisa has always had a passion for research work. She started a research group at the Singapore Immunology Network in 2007 and has built up a strong research programme since. Some of her works include understanding immune responses and treatments for arboviruses – that are important regionally and globally – with a strong focus on chikungunya virus. She strongly believes that education is a powerful weapon that can change society, which explains why she dedicates herself in training students and scientists at various levels.



Chew Keng Hao (Class of 2015)
*Graduate of Diploma in Visual Effects
and Motion Graphics (DVEMG)
Current student of Singapore
University of Social Sciences (SUSS)*



Keng Hao, a graduate from Diploma in Visual Effects and Motion Graphics (DVEMG), credits DVEMG for giving him opportunities to polish his talent in production. Some of his SP highlights include producing a video documentation of the SP Solar Team taking part in the World Solar Challenge in Adelaide, Australia, and his overseas internship with a production house in San Francisco where he built a mobile studio from scratch. Today, he is pursuing his studies in SUSS' Communication with Multimedia under the SUSS Scholarship. His course in SUSS is moving him one step closer towards his dream of pursuing film-making at the renowned American Film Institute!

PREPARING YOU FOR LIFE – THE NEW AUTONOMOUS UNIVERSITY



Students & Alumni

Apply now at
suss.edu.sg/apply

JOIN THE U THAT BELIEVES IN U.

Regardless of your background or life experiences, you have the power to make positive changes in society. As an Autonomous University committed to social development, SUSS offers a uniquely inclusive, practice-oriented education. This not only equips you with job-ready skills, but also develops you into a self-directed lifelong learner with exceptional social awareness, ethics and values. By cultivating your sense of “Head”, “Heart” and “Habit”, we help you realise your dream of a future that is rewarding to you, and enriching to all.

THANKS FOR THE MEMORIES, SP!

The SP alumni crossed the 200,000th mark this year, making SP the first polytechnic to reach this significant milestone. Although the journey in SP has ended for these graduates, many still hold on to fond memories such as the fun they had, friends made and lessons learnt. SPirit caught up with three 2018 graduates who share with us the memories they will take with them. All the best Brendon, Toby Gail and Samantha. The world awaits you!

Throughout my years in SP, dance has taught me the most. Being in SP's Strictly Dance Zone (@spsdz) has helped build my character and values, from discipline to diligence. It has shaped me as a person. The long hours of training and endurance have also strengthened my bond with my dance friends, back in @spsdz.



1

Toby Gail Lim Hao En
Diploma in Visual Communication and Media Design
Alumna of The School of Science and Technology

Since young, Toby Gail has been active in performing arts. Her love for dance saw her joining SP's SDZ and performing extensively. Her dance CCA has given her much more than what she signed up for.



Brendon (third from right) with his group of friends

2

Brendon Lau Cheng Yang
Diploma in Engineering with Business
Alumnus of Greendale Secondary School

Brendon used to loathe studying during his secondary school years but things changed when he entered SP and met his course mates. Through hard work, Brendon graduated as a silver medallist of his course.

The friends I made in SP really inspired and helped me believe in myself and dream big. Since our polytechnic foundation years, we have worked hard and played hard together. Without them, my polytechnic life would not have been so fulfilling and complete.



3

Samantha Goh
Diploma in Maritime Business
Alumna of Paya Lebar Methodist Girls' School (Secondary)

Studying in SP gave me many opportunities to travel the world. For example, we went on a Maritime Experiential Learning Study Tour to Penang and Langkawi where we boarded a ship to learn about its functions. I also went on an Overseas Immersion Program to Vladivostok, Russia where I sailed the tall ship, Pallada... that trip was indeed the most memorable!

Doing badly for her 'A' levels was a great blow to Samantha's self-esteem as she was unable to advance to a local university. Undeterred, her father who is an SP alumnus recommended that she gave SP a shot. With a passion for business, she applied for the Diploma in Maritime Business.

CONGRATS TO GRADS OF 2018!



CONTEST TIME!

Wanna win an ~exclusive~
Singapore Polytechnic T-shirt?

All you have to do is find the answers to these
5 questions within the pages of this magazine.



Q1

What is the
age of the first
SP registered
student?

Q2

Name one of
the Institutional
Medallists.

Q3

Which food court
is Starbucks
located in?

Q4

Name any
two lecturers
featured in this
issue of SPirit.

Q5

Who is SP's
200,000th graduate?

Send your responses along with your full name, mobile number, and secondary school or course in SP to spirit_editor@sp.edu.sg. 20 lucky participants who submit their responses before 30 July 2018 will be contacted to collect the t-shirt. All the best!!

SINGAPORE
POLYTECHNIC | **SP**

 @singaporepoly

 /singaporepolytechnic

 @singaporepoly

 /singapore polytechnic