



SIT Celebrates the Class of 2021

Over 2,000 graduates from 46 undergraduate and postgraduate programmes – including the pioneer cohort of Aircraft Systems Engineering – receive their degree scrolls

📅 05 November 2021



The Singapore Institute of Technology (SIT) celebrated the achievements of the Class of 2021 with its Graduation Ceremony from 19 to 22 October 2021. Mr Chan Chun Sing, Minister for Education graced the main session held at The Theatre at Mediacorp.

The occasion marked the graduation of the inaugural batch of 46 students from the Aircraft Systems Engineering (ASE) programme at SIT. Graduates from the first-of-its-kind three-year Bachelor degree programme by an Autonomous University in Singapore have undergone an interdisciplinary curriculum that grooms them for the aerospace and aircraft Maintenance, Repair and Overhaul (MRO) industries.

The university also graduated its first cohort of students from the Master of Science in Chemical Engineering programme. The programme equips mid-career professionals with strong fundamentals and robust training in modern chemical engineering technologies.

Based on SIT's preliminary employment survey results, SIT graduates also remain employable amid the challenging economic climate. 72% of the respondents from the university's Class of 2021 have secured employment since the completion of their studies, with graduates from the Information and Communications Technology (Software Engineering) and Radiation Therapy programmes attaining 100% overall employment.

"Our students go through a rigorous curriculum that provides them with both a solid academic foundation and industry experience. In particular, the IWSP provides students the opportunity to put theory into practice and learn from experienced professionals, over a duration of between eight to 12 months. This gives our students a competitive edge when they enter the workforce. We also continue to ensure the high relevance of our programmes, thanks to the strong collaboration with our industry partners," said Prof Tan Thiam Soon, President, SIT.

The Class of 2021 has been offered \$2,000 worth of **SITizens Learning Credits**, in line with the university's commitment to encourage lifelong learning. The Credits can be used to apply for Continuing Education and Training courses offered by SITLEARN Professional Development, the lifelong learning division of SIT. Graduates can enroll in short courses, specialist certificates and modular certification courses that are stackable towards Postgraduate Certificates, which will allow them to pick up new skillsets to complement the competencies acquired in their undergraduate years.

SIT also supports graduating students through the CCR, which organises career success workshops, recruitment talks, career fairs and career coaching sessions.

Students whose families have been impacted by the pandemic can also tap on the **Student Relief Fund at SIT (COVID-19)**. Students may also apply to join the Advancement & Alumni Division's SIT Alumni Mentoring Programme, where they will be paired with alumni mentors who will share their professional knowledge and insights on work-study balance.

For the full story, please go to SIT's Digital Newsroom: <https://www.singaporetech.edu.sg/digitalnewsroom/sit-celebrates-the-graduation-of-its-class-of-2021/>

Nurturing Tomorrow's Talents

New scholarships made possible by the CBJ Foundation and the Tseng Family Foundation through The Community Foundation of Singapore will nurture young talents in ICT and Health & Social Sciences respectively

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In March 2021, the Singapore Institute of Technology (SIT) played host to some very special guests for an appreciation lunch. These were representatives from the CBJ Foundation as well as the Tseng Family Foundation and they were visiting SIT for the first time. The two foundations had made possible the CBJ Foundation Scholarship as well as the Tseng Family Foundation Scholarship at SIT – through The Community Foundation of Singapore – to support academically talented undergraduates with demonstrated leadership qualities.

The CBJ Foundation Scholarship will nurture undergraduates pursuing a degree under SIT's InfoComm Technology Cluster, whereas the Tseng Family Foundation Scholarship will support undergraduates pursuing a degree under the Health & Social Sciences Cluster. Both named Scholarships (valued at \$10,000 each) will be awarded from this Academic Year 2021/22 onwards.

“As a young university, SIT is both encouraged and inspired by the support from the CBJ Foundation and the Tseng Foundation. The impact of the Foundations’ philanthropic commitment will nurture future professionals and leaders, and generate a positive multiplier effect for the industry and the community in the years to come,” said Prof Tan Thiam Soon, President, SIT.

Representatives from The Community Foundation of Singapore and Sim Mong Teck & Partners were also present for the visit where the guests toured some of SIT's teaching and learning facilities at SIT@Dover.



Prof Tan Thiam Soon (left) sharing a fist bump with Mr Joon Kim of the CBJ Foundation.



Mr Steven Tseng (centre) and Mr William Tseng (right) of the Tseng Family Foundation presenting the cheque to Prof Tan for the establishment of Tseng Family Foundation Scholarship at SIT.

Seizing the Opportunity to Upskill

Ahmad Syahir is one of 26 workplace learners embarking on SIT's pilot Competency-Based Workplace Learning Pathway, and will be the first in his family to obtain an undergraduate degree

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Ahmad Syahir has always wished that he could go back in time to do better in his studies so that he could pursue higher education. Now, thanks to a new initiative between SIT and key industry partners, the 30-year old undergraduate will now have the opportunity to realise his dream.

In September 2021, SIT has rolled out the Competency-Based Workplace Learning Pathway (CBWLP) in Sustainable Infrastructure Engineering (SIE). Syahir is one of the 11 workplace learners from SBS Transit and SMRT Corporation looking to deepen their skill sets in rail engineering.

In addition, SIT also launched the pathway for the Infocomm Technology (Information Security) degree programme, teaming up with leading cyber security firm Ensign InfoSecurity. The firm aims to build a core group of Singaporean cyber security professionals or 'cyber defenders' in the coming years, and has committed to support the training of their employees. 15 workplace learners from Ensign InfoSecurity have commenced their journey with SIT in this Academic Year 2021/22 as well.

This alternative route to an undergraduate degree will allow adult learners to gain credits towards fulfilling degree requirements, based on the competencies they have acquired through their past work experience. Most of the learning outcomes required to obtain their degree will be achieved through curated projects carried out at work. Workplace learners will have access to online lectures for their respective modules and receive facilitated coaching from SIT faculty through online platforms. This approach provides learners with greater flexibility and ownership over their learning journey and pace, and minimise disruptions to their work and personal lives.

"When I found out about this learning opportunity, I immediately seized it," said Syahir who has been working with SBS Transit for eight years and specialises in facilities management. His family, especially his father, is supportive of him enrolling into the pathway. "If everything goes smoothly, I would be the first in my family to obtain a degree!" he quipped with delight.

For the full story, please go to SIT's Digital Newsroom: <https://www.singaporetech.edu.sg/digitalnewsroom/seizing-the-opportunity-to-upskill/>



Ahmad Syahir (right) conducting a check of the Water-Cooled Chillers at MRT stations, to ensure the desired temperature level at the stations is maintained. The Senior Assistant Engineer at SBS Transit is among the first batch of workplace learners under the Competency-Based Workplace Learning Pathway.

Orientation 2021: SIT First Year Experience

SIT welcomed over 2,800 freshmen to the SIT First Year Experience with a series of physical and virtual activities – SIT Helix, Day Zero, Club Fair and Virtual Platform

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The SIT First Year Experience online interface that featured various first year experiences was a hit among freshmen.

Despite this being the second year where a large part of the SIT orientation had to be held online, SIT's Student Life division and the student organisers spent months planning to ensure that the freshmen's first year experience was not compromised.

SIT Helix – Connecting with SIT-DNA and Culture

An evolution of the conventional SIT First Year Experience camp into an induction programme, Helix is a platform for freshmen to connect with the SIT community, DNA and culture, meet fellow freshmen from other degree programmes, and learn more about interdisciplinary learning, while retaining the fun elements of an orientation camp.

Close to 1,000 freshmen and 73 student organisers and facilitators participated in this two-day virtual event over three sessions. Prof John Thong, Deputy President (Academic) and Provost-designate, gave a warm welcome to the freshmen, while Assoc Prof Foo Yong Lim, Assistant Provost (Applied Learning), shared about interdisciplinary learning and the university's framework for transferable skills learning.

Day Zero – Interacting with the SIT Community

A traditional element of the SIT First Year Experience, Day Zero is the perfect platform for freshmen to interact with academic staff, seniors and course mates prior to the start of the programme.

Conducted over five days (from 30 August to 3 September 2021) across six campuses, the freshmen took the opportunity to understand the expectations for their degree programmes, and gained useful studying and time management tips from their seniors. Day Zero was attended by 2,667 freshmen, 617 student organisers and facilitators, as well as 16 academic staff.

The highlight of the event was the sharing by industry partners such as Keppel Offshore & Marine Ltd, Ministry of Trade and Industry, Sembcorp Marine Ltd, and Singapore Society of Radiographers.

Club Fair & Virtual Platform – Promoting an Active University Life

Club Fair 2021 was a virtual event to allow freshmen to meet their peers and seniors in an interactive environment. There were also daily livestream sessions on YouTube to give freshmen a glimpse into the various student activities and development programmes.

Motivated to provide freshmen with an 'out of this world' experience, the virtual platform undertook an 'Adventure into Space and Beyond' theme, featuring useful resources from 20 participating divisions including the SIT Advancement & Alumni Division, live chats with 88 clubs, and virtual campus tours featuring all six SIT campuses. The Club Fair and Virtual Platform garnered 4,000 visits and 53,000 views.

For the full story, please go to SIT's Digital Newsroom: <https://www.singaporetech.edu.sg/digitalnewsroom/orientation-2021-sit-first-year-experience/>

Building on Classroom Knowledge to Tackle Social Gaps

Students are empowered to take on community challenges at the Singapore Institute of Technology's new social innovation centre

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In 2021, students from the Singapore Institute of Technology (SIT) designed the gamification features for a mobile application to help kindergarteners and their parents from lower-income households learn about healthy eating. Students and faculty members from diverse academic disciplines came together to gamify content that would appeal to the young ones and encourage parent-child bonding.

This is just one of the projects currently facilitated by the Community Leadership and Social Innovation Centre (CLASIC) at SIT. Established in October 2020, CLASIC is a one-stop centre that curates, optimises and tracks community initiatives and projects across SIT, with the mission to deepen students' understanding of societal needs and motivate them to draw on their knowledge to benefit the community beyond SIT.

In another project, students of a recently concluded engineering-based project led by Engineering faculty Assoc Prof Steven Tay – to create a smart water meter to help lower-income families track and optimise their water usage – has been awarded a S\$15,000 grant by CLASIC to further develop the product and to conduct a trial in rental flats. The Singapore Plumbing Society has generously agreed to sponsor the installation of the devices in 20 pilot households.



Pradeep (far left) and his teammates from the SIT-University of Glasgow Mechanical Engineering programme, (from left) Shaun Yong Yu Zhe, Muhammad Hilmi bin Hut, Muhammad Zulhusni bin Jumat, Koh Liang Jie.

Since its inception, CLASIC has harnessed SIT students' academic potential, supporting beneficiaries through practical solutions and innovations.

For the full interview by GovInsider with Prof Yaacob Ibrahim, Director, CLASIC, and Assoc Prof Intan Azura Mokhtar, Deputy Director, CLASIC, on how CLASIC helps to set SIT apart in the higher education space, please go to SIT's Digital Newsroom: <https://www.singaporetech.edu.sg/digitalnewsroom/how-universities-can-build-on-classroom-knowledge-to-tackle-social-gaps/>

Sticking Together Through the Tough Times ... and Good

For the second year running, SITizens lend a hand in welcoming new alumni to their ranks

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The winning designs of this year's Sticker-Patch Design Competition 2021. The three designs in the top row will be printed as stickers, while the two winning designs in the bottom row will be made into fabric patches.

The results for the second Sticker-Patch Design Competition are out!

Organised by the SIT Advancement & Alumni Division from 20 August – 20 September 2021, the competition asked SITizens to illustrate what SIT meant to them, or what they thought best represented their time at SIT. The competition for the best designs was open to both alumni and students, and each winner will receive \$80 worth of Grab vouchers, regardless of the number of winning entries.

Participants were allowed to submit more than one design, and all submitted designs were presented to the selection committee as individual anonymised entries for voting.

The designs submitted ranged from the SIT-DNA to out-of-the-world space travel. In the end, judges picked five winning designs to be made into stickers or fabric patches – as part of the offerings in the New Alumni Welcome Pack that will be sent out to the graduating class of 2021.

Ms Nuralisa Binte Ahmad, who graduated in 2020, based her winning designs on the SIT-DNA. She said, "It was essential to be able to learn, unlearn, and relearn as I attended lectures and tutorials. I was taught to be a thinking tinkerer as I worked on my dissertation. I met peers who were catalysts for transformation and grounded in the community. All in all, I am proud to be an SIT graduate."

The competition had Information and Communications Technology alumnus Mr Tan Kuan Hong Rollin (Class of 2018) reminiscing on the times he spent staying late on campus with his classmates. "Staying late in school for projects and studies could be stressful and daunting at the moment, but when you think back after you graduated, it is actually filled with wonderful memories, especially of those with your classmates and friends."

Ms Nurbaizurah Binte Sahari (Class of 2014), had this to say regarding her winning entry, "I always have a deep love for the cosmos and space. The endless exploration and possibilities during my time in the SIT-GSA Interior Design programme was exciting for me. Through that journey, I also discovered a lot more about myself and blossomed as a person and creator that I am today as depicted by my illustration."



A closer look: Designs by Ms Nuralisa Binte Ahmad (A, B and D), Mr Tan Kuan Hong Rollin (E), and Ms Nurbaizurah Binte Sahari (C).

COMBAT Your Fitness!



SITizens kick and punch their way towards greater physical fitness at BodyCombat, a high energy martial arts workout organised by the SIT Alumni Sports Network

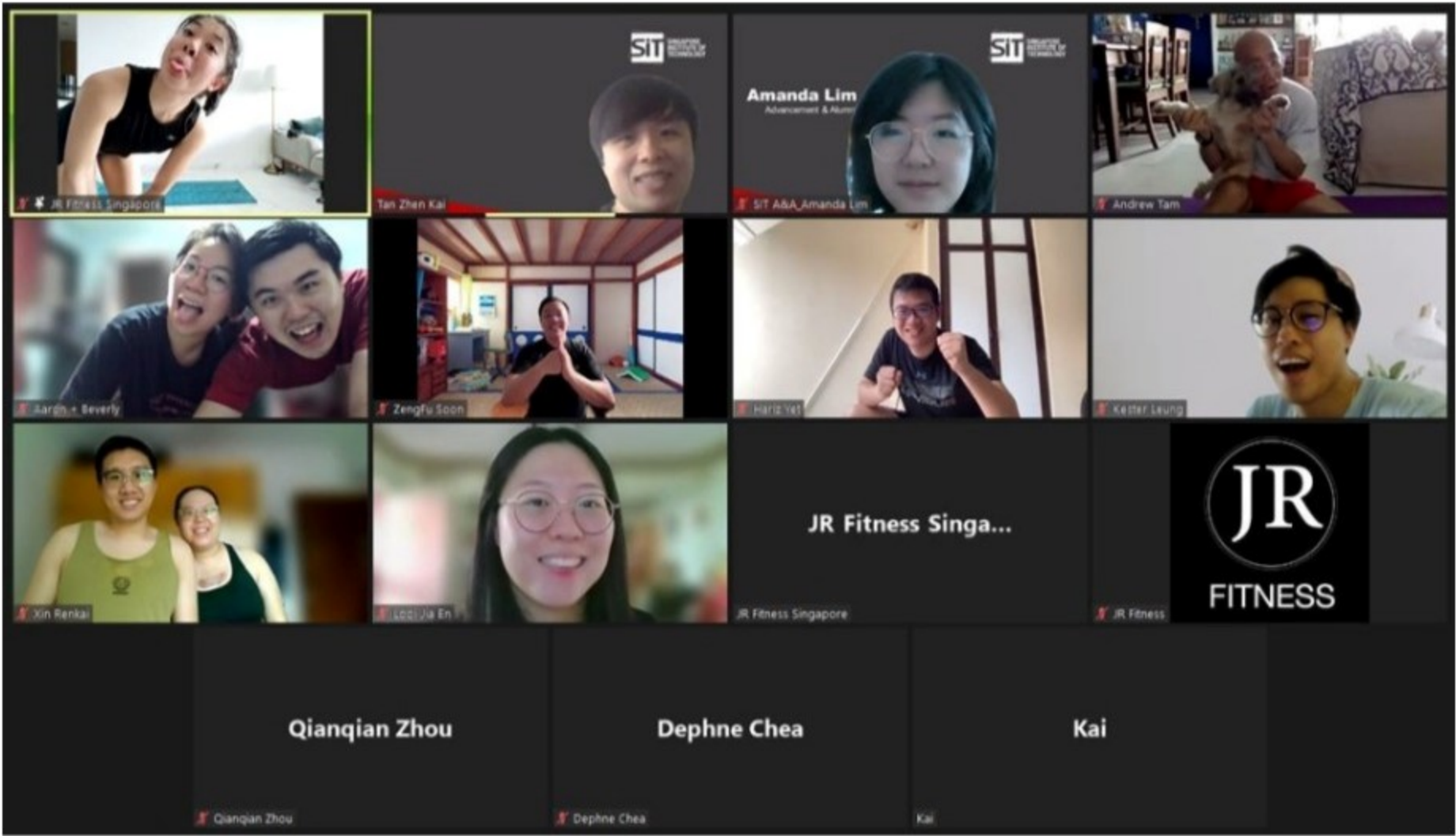
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BodyCombat might sound intimidating at first, but it’s actually suitable for participants of all ages and fitness levels. On Saturday, 4 November 2021, SITizens gathered to try the boxing and martial arts-based workout on Zoom, led by Ms Jasmine Tan from JR Fitness.

While BodyCombat draws on martial arts moves, it is a non-contact workout which does not require a martial arts background to follow. Ms Tan guided the participants through dynamic moves which utilised every part of their body, such as punches, uppercuts and sidekicks. They were challenged to keep their energy up through an hour-long session while jamming to EDM music.

This was the first time trying BodyCombat for Mr Hariz Yet, a Computer Science and Game Design alumnus. He said, “Online classes help add variety to my usual daily exercise, and I thought this was a good chance to try something new. It was a great upper body exercise, I was quite sore the next day.”

Ms Daphne Chea, a Marine Engineering alumnus, liked that you could adjust the intensity of the workout according to your own comfort level. “Some movements were difficult, but the instructor provided easier options to fit different fitness levels,” she said. “It’s so much fun to be able to sweat it out rather than sit at home, especially during this pandemic.”



Nothing better than a high energy workout to kickstart your weekend!

Make Your Own Lamp

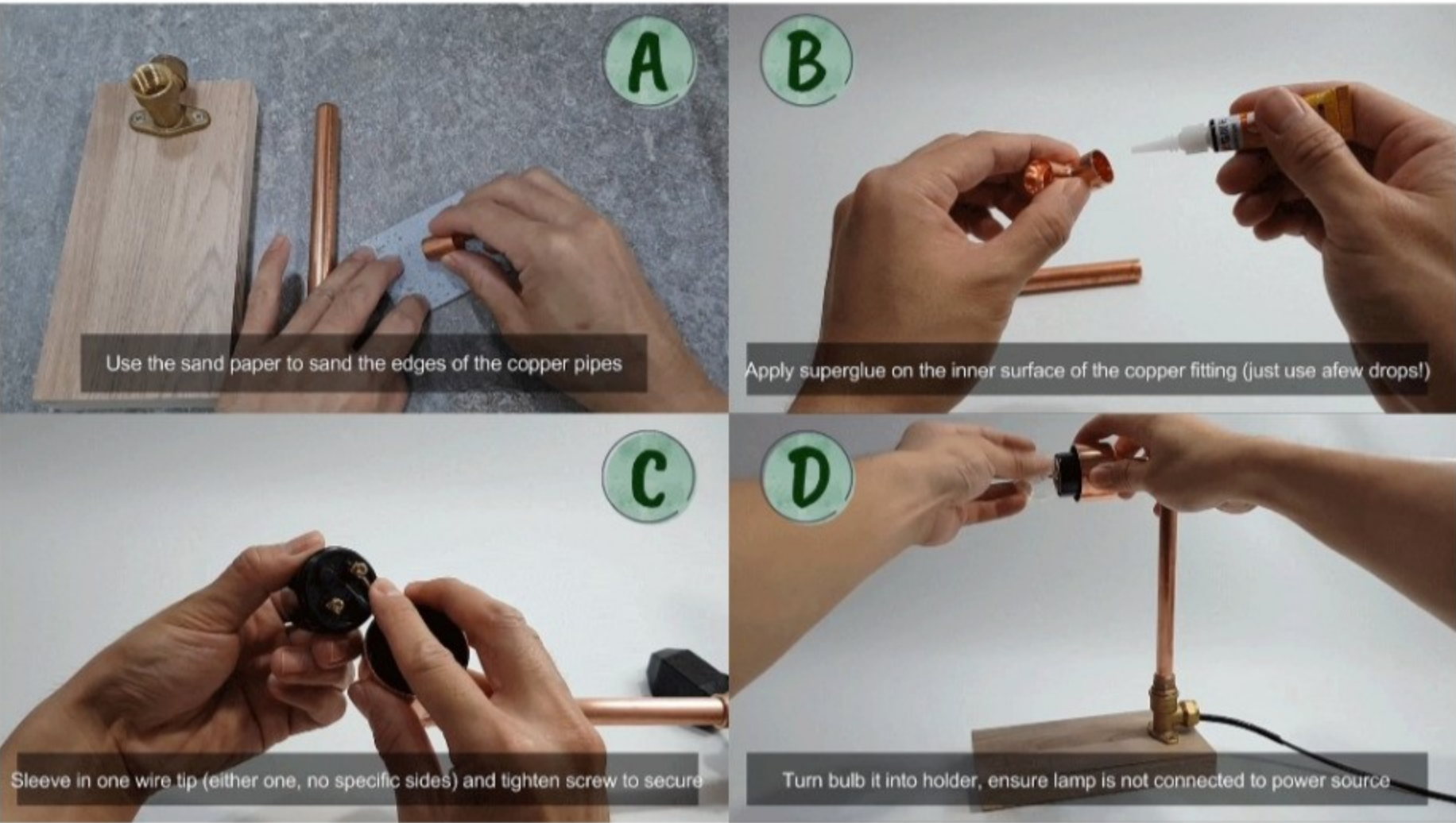
Participants got to try their hands on basic electrical wiring in the Mini Copper Lamp Workshop

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From 20-21 October, SITizens assembled and built their very own bespoke copper lamp during the Mini Copper Lamp Workshop organised by the SIT Alumni Leisure Network.

At the workshop led by Mr Poh Wenxiang from workshop café Make Your Own, a local art studio which specialises in DIY craft experiences, 55 alumni were provided with the materials needed to build the lamp and guided step-by-step – through preparing the materials, assembling the structure, and finally wiring the electrical components to light up their mini lamp. Participants could also unleash their creativity to decorate the wooden base of the lamp as they liked it.



Participants were taken step by step through preparing their materials (A), assembling the copper pieces (B), wiring (C), and finally attaching the light bulb (D)!

The clear explanation provided by the facilitator, together with the simple set up, meant that all the participants were able to get their lamps to light up at the end of the session. Several alumni who completed their lamps ahead of the group were also having fun dimming and brightening their lamps while waiting for others to finish their masterpiece.

The SITiznes were given tips on how to care for their mini lamps as the copper parts would oxidise with time. Occasional polishing using metal surface polishes would keep the copper surface shiny. The bulb holder supports the commonly available e27 light bulbs so participants can replace them easily.



Let there be light!

“The mini copper lamp workshop was a unique experience which we don’t get to try every day. It was satisfying to see the end product of your work once you have completed the piece, especially when it lit up!” said aeronautical engineering alumnus Mr Karthigesan Murukan.

