



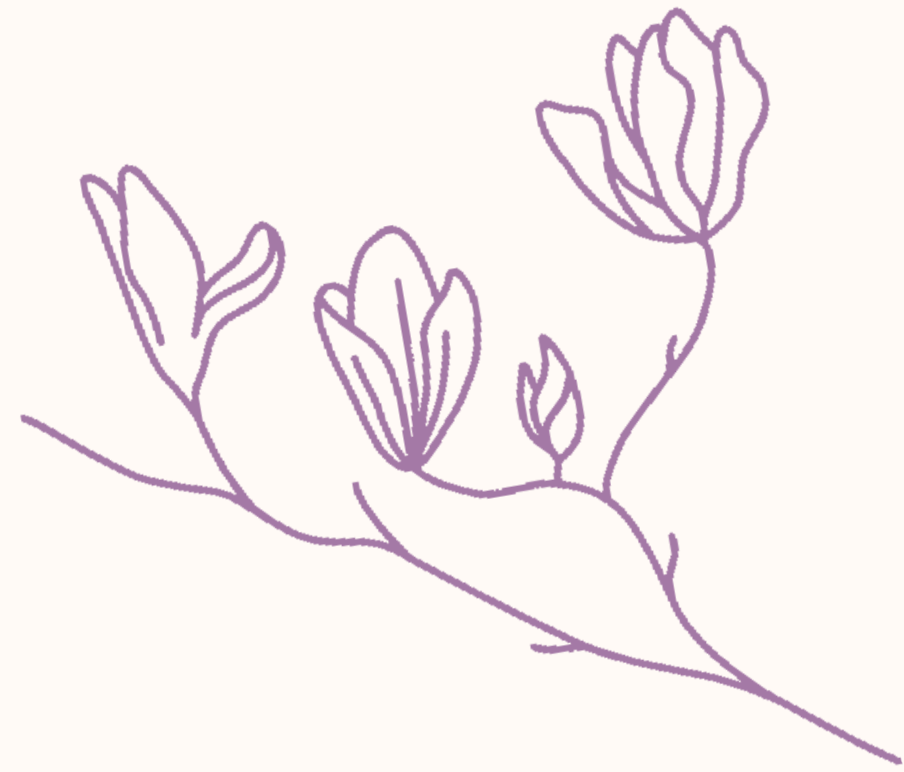
ICT Times
11th Edition



ICT Society Events	Special Interest Groups	Upcoming Events	<p data-bbox="2625 896 3278 977">DSTA Scholarship</p> 								
Comm Serve Events	AISIG	World Skills									
Red Camp	Amphibi	ISG									
Open House	The Dot	Investiture									
Empowerment Camp	GIT										
OIP	Nullsec										
	Orion										
	Overflow										
	PVSIG										
	SCS										



ICT SOCIETY EVENTS





Comm Serve Events

Silver Click

21ST MARCH - DAY 1

ICT Society
partnered with
Radin Mas CC,
where volunteers
from NP ICT taught
seniors how to
navigate the LifeSG
app via zoom!



Silver Click

4TH APRIL - DAY 2

NP ICT student volunteers went down to Radin Mas CC to help the elderly navigate the Yuu app.

They were split into chinese and english speaking groups to ensure all the elderly could understand and fully appreciate what the students were teaching!



SASCO

27TH & 28TH MARCH

Through activities like clay molding and tote-bag painting, student volunteers from ICT Society were able to interact and engage with the elderly from SASCO Senior Citizens' Home!



The image features a soft, light purple background with a subtle, ethereal glow. In the top-left and bottom-right corners, there are delicate, hand-drawn illustrations of leafy branches in a light purple color. The branches are thin and have several small, pointed leaves attached to them. The overall aesthetic is clean, minimalist, and artistic.

Red Camp

Red Camp 2022

FIRST PHYSICAL RED CAMP AFTER COVID

Over the span of two days in November 2022, we had an estimated 1000 students visiting us with 200 students from each of the five tribes!

They were first given a hands on introduction to all 4 diplomas offered by ICT and then were given a chance to experience a part of our daily lives.



- Cyber Security and Digital Forensics diploma - Students were allowed to experience the basics of image forensics.
- Data Science Diploma - Students learnt how to create their own AI Database with keywords and images.
- Information Technology diploma - students learnt to host a website without servers
- Immersive Media Diploma - students utilized the Unity Game Engine to create and modify their own game!

By the end of RED Camp 2022, our potential students were overjoyed with their learning. We are excited to host them again for Open House 2023 and eventually welcome them as freshies in April 2023 AY!!



Open House



Open House 2023

FIRST PHYSICAL OPEN HOUSE AFTER COVID

Ngee Ann Polytechnic held its Open House on the 5th to 7th January in 2023. Our students from the School of ICT got the opportunity to encourage students looking to enroll into NP to join ICT.

Attractions

- 4 ICT diplomas as well as a few SIGs that NP ICT has to offer.
- mascot,
- An air dancer,
- Green screen Photo Booth,
- A claw machine as well as the favorite ice cream cart.

Our students proactively welcomed and shared their knowledge of the school with the parents and students that visited. Interested visitors were also brought on a school tour to explore the facilities and equipment used by our ICT students to aid their learning. It was definitely lively and bustling at our ICT building across the few days.





Empowerment Camp

Empowerment Camp

In preparation for the Freshman Orientation Programme, students attended an Empowerment Camp in order to be better equipped as a leader, and to strike a balance between being a "step-up leader" and a "step-back leader".

This allowed students to better interact with our freshies, and also improve the way we lead in our everyday life.





OIP



OIP - Hanoi, Vietnam

On 13th March 2023, 29 students and 2 lecturers from ICT departed to Hanoi, Vietnam, for a 13 days Overseas Immersion Programme with the National Economics University (NEU).

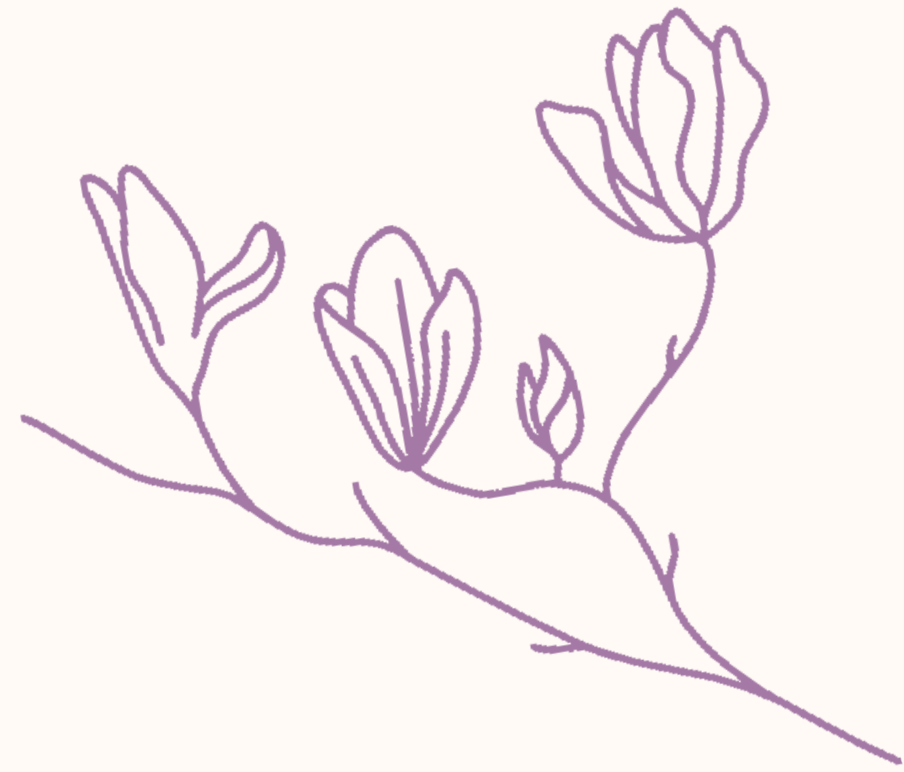
During the programme, they visited places like the Temple of Literature, National Innovation Centre, and also visited companies such as the Amaccao Group and Viettel.

From this programme, they learnt more about Vietnam's culture, and also forged new friendships with the students from the NEU.





SIG ACTIVITIES



AISIG

Penta Hack!



The poster features a dark background with a glowing green wireframe geometric pattern on the right side. At the top left, there is a lightbulb icon with 'AI' inside. The main title 'PENTA HACK!' is in large, bold, white letters. Below the title, there are four bullet points with icons: a calendar for dates, a location pin for venues, a lightbulb for the purpose, and a fork and knife for the lunch. A QR code is positioned in the bottom left, and the text 'REGISTER NOW' is in large, outlined letters at the bottom center. The footer contains logos for SPAI, AISIG, SAS CLUB, AISG, NYP AI, Google Cloud, and AI SINGAPORE.

PENTA HACK!

- 📅 April 3rd 2023 @ AI Singapore
- 📅 April 11th 2023 @ Google
- 💡 Show off your AI hacks in this all 5-poly organized hackathon!
- 🍴 Enjoy a rare Google Lunch on the last day @ Goooogle!

REGISTER NOW

SPAI AISIG SAS CLUB AISG NYP AI Google Cloud AI SINGAPORE

Penta Hack! is a Cross-SUG (Student User Group) Hackathon planned and executed by the 5 Polytechnics in Singapore, consisting of NP AI-SIG, NYP AI, RPAI, IES-TP, and SPAI. It takes place from 3rd April to 11th April 2023, with both online and physical locations. It aims to allow participants to demonstrate their technical skills and creativity in a team environment to come up with solutions for a real-world problem.

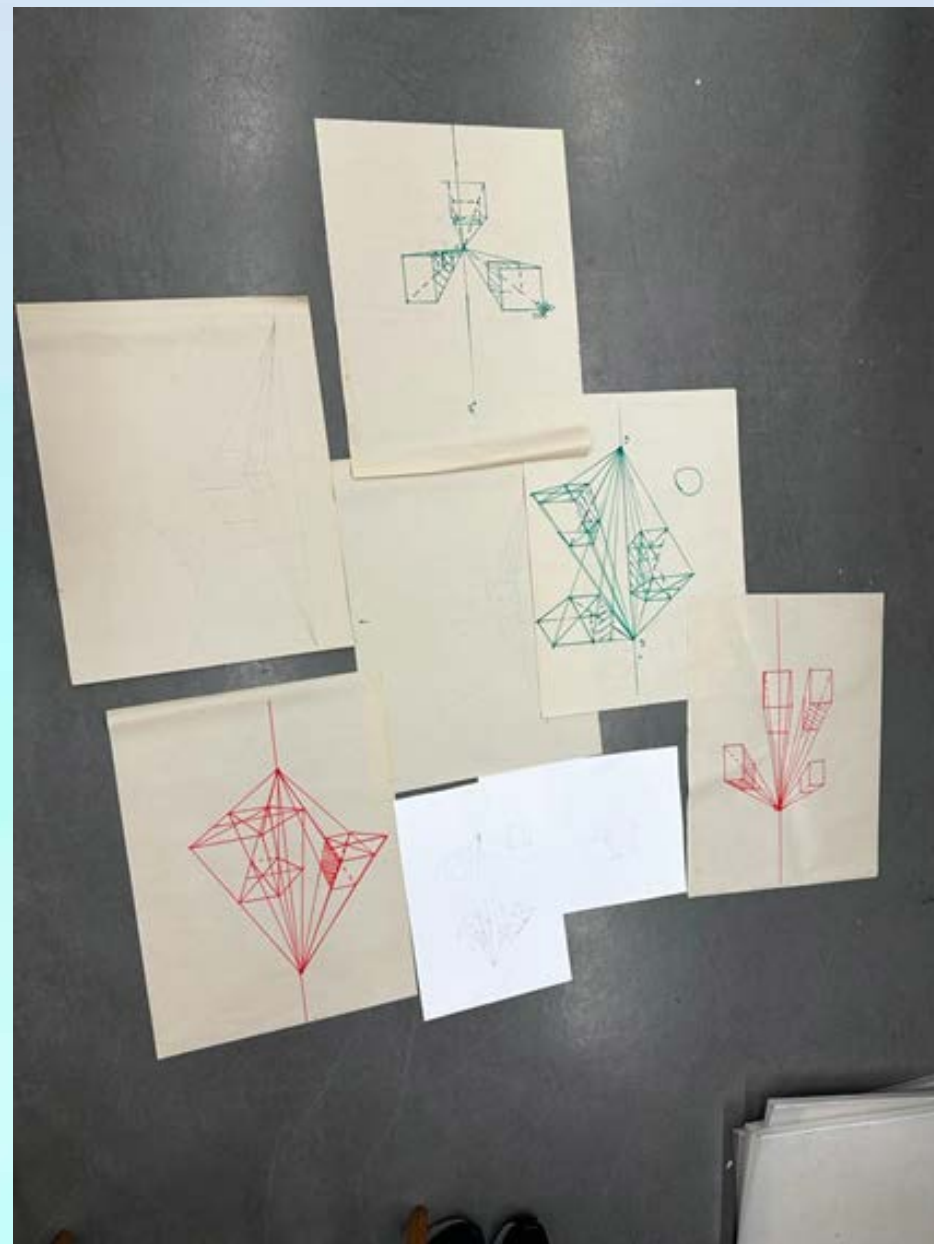
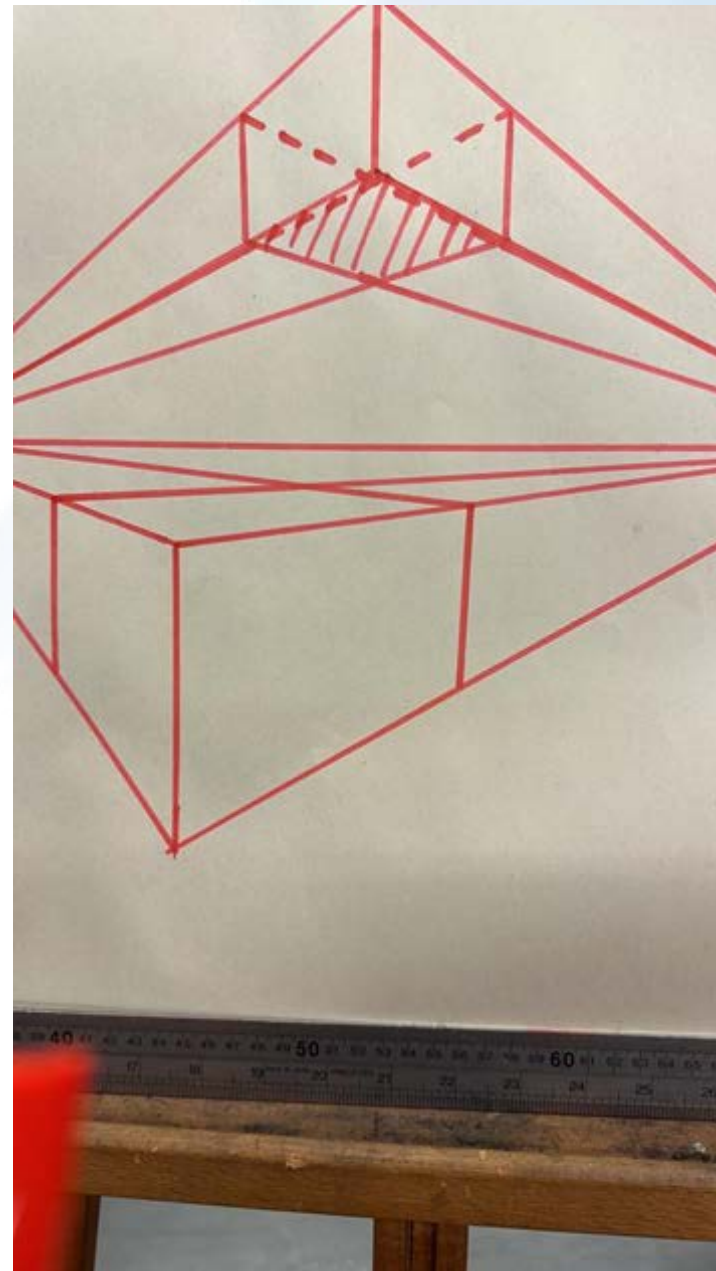
Two workshops, Natural Language Processing (NLP) and Computer Vision (CV) were held to expose participants to current technologies.

The Hackathon is open to students from local Secondary Schools, Integrated Programme (IP) Schools, Junior Colleges, Institutes of Technical Education, Polytechnics, Universities and current Full-Time National Servicemen who have completed AISG's AI Literacy course.

Penta Hack! also serves as a networking platform for like-minded people interested in the field of Data Science and Artificial Intelligence to come together. Google and AI Singapore (AISG) have kindly offered physical sites for hosting the events, Google Asia Pacific Headquarters, and AISG Office, respectively. Adding on, Google also awarded Google Collab Pro Subscription to winners of the Hackathon.

THE DOT

Perspective Drawing Workshop



Dot SIG organized and held a perspective workshop in November. Taught by Ms Anita, aspiring artists were guided through the intricate techniques of perspective drawing, opening doors to a new dimension of creativity. Participants explored the foundations of vanishing points, foreshortening, and horizon lines, mastering depth and space in their artwork.

gIT

She Loves Tech Global Conference

10 November 2022

This conference allowed our girls to listen and learn from international experts of over 60 speakers. The girls had the opportunity to network and connect with 300+ startup founders, venture capitalists and corporate executives passionate about tech. The fringe festival activities of massages, beauty bar and healing sessions were also a hit with the girls.

Girls, are you ready for Tech? Join us!

SHE LOVES TECH
GLOBAL CONFERENCE 2022

Girls Love Tech
#TECHTHURSDAY

10 November 2022
Thursday Afternoon

Equarius Hotel, Resorts World Sentosa

REGISTER NOW!

bit.ly/girlslovetechslt22



Tech Innovation Day

18 November 2022

ST Engineering's Tech Innovation Day gave our girls insights into emerging technologies and innovations in the areas of Artificial Intelligence, 5G, Cyber, Training & Simulation and Sense-making, with an exclusive guided tour of their InnoSuite gallery.

The girls also engaged in candid conversations with inspiring female business leaders to learn about their career paths, how to translate what was learnt from the polytechnic into the real world and exchange ideas on how to support women in technology.



TECH INNOVATION DAY

Join us on this day where you can:

- ✓ Gain insights into emerging technologies and innovations
- ✓ Engage in conversations with female business leaders as well as your peers



PROGRAMME OUTLINE

- OPENING ADDRESS**
by Tan Lee Chew, President Commercial
- INTRODUCTION**
by Cheryl Chan, Group Chief Strategy & Sustainability Officer
- TOUR AT INNOSUITE**
in areas of Artificial Intelligence, 5G, Cyber, Training & Simulation and Sense-making
- REFRESHMENTS AND NETWORK**
with female business leaders and interns from ST Engineering

 18 Nov 2022
 9am - 12pm
 InnoSuite,
ST Engineering,
Ang Mo Kio Hub



Scan to Register Now

Interested? Register
by 08 Nov 2022!

Registration link: for.edu.sg/git-stengineering

A Day in iZeno

9 February 2023

GIT in collaboration with **iZeno**
GIRLS IN TECH | POLYTECHNIC @ SII a Logicalis Company

WANT TO LEARN MORE ABOUT CAREER IN DATA?
JOIN US FOR A DAY IN IZENO

Office Tour, Lunch & Learn, Case Studies, Discussion, Q&A Session

DATE & TIME:
9th February 2023
10:00 AM - 1:30 PM
Registration @9:30AM

VENUE:
iZeno Pte Ltd
351, Braddell Road
#04-02
Singapore 579713

RSVP NOW!

Logicalis invited our girls to their subsidiary office tour on 9 Feb 2023 to hear about the experiences of current interns and to interact with their IT professionals via a Q&A session. It was simply great as the 14 girls, including 2 from ICT, got the chance to learn more about cybersecurity and insights from iZeno IT professionals.

AiSP Ladies in Cyber Learning Journey to SIT@WYP



8 March 2023

In this symposium, AiSP brought together leaders and experts in the fields of AI and cybersecurity to discuss the role of women in shaping the future of these industries. The event allowed our girls to explore the challenges and opportunities facing women in these fields and the important contributions women are making to drive innovation and progress. Indeed, the girls walked away with a deepened understanding of these critical fields and to connect with technology leaders and experts.

AiSP Ladies in Cyber International Women Day 2023 Celebrations
Learning Journey with Singapore Institute of Technology (SIT) & Fireside Chat

Panelists

Moderator

Ms Nadia Ahmad Samdin
Member of Parliament
for Ang Mo Kio GRC

Ms Sandy Cheong
Assistant Director, Cyber
Defence Group - Policy,
Risk & Capability
Development, IHIS

Dr Purnima Murali Mohan
Assistant Professor
Singapore Institute of
Technology (SIT)

Ms Sherin Y Lee
Vice-President & Founder
for AiSP Ladies in Cyber
Charter

JOINTLY ORGANISED BY
AISP LADIES IN CYBER

SUPPORTED & HOSTED BY
SIT

SUPPORTING PARTNERS
IHM associate

IN SUPPORT OF
DIGITAL FOR LIFE

Part of AiSP Ladies in Cyber Charter 5years Anniversary Celebrations



WLLSEC

Open House

5-7 January 2023

In the NP Open House, NullSec Intern ExcOs and NullSec ExcOs helped to welcome several enthusiastic secondary students and parents, where they showcased the intriguing projects developed by students enrolled in the Cyber Security & Digital Forensics course.

From the impressive Capstone projects including the Malware Toolbox and an ultra-secure car designed by senior students, to participating in a mini CTF competition to have the chance to win some prizes, visitors were left dazzled and impressed by the fascinating possibilities that cybersecurity brings.



SVRP Award Ceremony

16th November 2022

The AISP SVRP Award is an annual award given by the Association of Information Security Professionals (AISP) in Singapore.

On 16th November 2022, 21 AISP SVRP awards were presented to students of Ngee Ann Polytechnic's Cybersecurity & Digital Forensics course. This is in recognition of their exceptional contributions to the field of information security by utilizing their expertise in cybersecurity to serve the community.

Of the awards conferred, 16 were silver and 5 were bronze - all recipients being either NullSec Excocs or Members!



Sentinels event

13-14 February 2023

The Sentinel Programme run by the Digital and Intelligence Service - the fourth and newest branch of the Singapore Armed Forces (SAF) - offers workshops, engagement sessions and competitions, to students from secondary schools, junior colleges and polytechnics.

This time round, 13 cybersecurity students from Ngee Ann Polytechnic attended this programme and learnt about python pandas and other Cyber Data Analysis skills.

```
def cleanData():
    indices_to_drop = []
    for x in df.index:
        transaction_type = df.loc[x, "type"]
        amount = float(df.loc[x, "amount"])
        from_country = df.loc[x, "from_country"]
        to_country = df.loc[x, "to_country"]
        from_iban = str(df.loc[x, "from_iban"])[0:2]
        to_iban = str(df.loc[x, "to_iban"])[0:2]
        comment = df.loc[x, "comment"]
        name = df.loc[x, "name"]
        hour = df.loc[x, "hour"]
        type = df.loc[x, "type"]
        email = df.loc[x, "from_mail"]
        if transaction_type == 'CASH-IN':
            if amount > 10000 or amount < 1:
                indices_to_drop.append(x)

        elif transaction_type == 'CASH-OUT':
            if amount > 10000 or amount < 1:
                indices_to_drop.append(x)

        elif transaction_type == 'PAYMENT':
            if amount > 1000000 or amount < 25:
                indices_to_drop.append(x)

        elif transaction_type == 'TRANSFER':
            if amount > 1000000 or amount < 25:
                indices_to_drop.append(x)
        else:
```



Bonding

24 February 2023

To get to know the EXCO teammates better, a bonding session was held amongst the intern NullSec EXCO members on the 24th of February 2023.

The intern EXCOs first received heartfelt advice and Kit-Kats from our mentor, followed by a mini pizza party to facilitate the getting-to-know-one-another process between the intern EXCOs.



ORION

Open House

January 2023



For Open House 2023, ORION set up a photo & games booth for visitors to enjoy.

Photo booth

- allowed visitors to snap some free pictures with their friends and family at NP ICT

Games booth

- featured interactive activities that encouraged visitors to engage with one another
- allowed visitors to learn more about the student life in NP ICT and ORION as an outreach SIG.

Visitors who followed NP ICT on social media also won exclusive merchandise such as sling bags and t-shirts



ICT Gradfest

February 2023

In February, ORION organized the ICT Gradfest 2023 event for graduating seniors to celebrate their achievements and bid them farewell, as they embark on their next chapter in life. The event featured a range of activities, including speeches from our beloved lecturers, a photo-booth and engaging games that included 'Guess the Lecturer', 'Finish the Lyrics', and of course, 'ICT King & Queen'. It ended with a slideshow showcasing the seniors' journey throughout their academic careers, and we hope it was a memorial occasion for the graduating batch. Goodbye and all the best, seniors!



OVERTFLOW

Poly-ITE Olympiad in Informatics (PIOI).

From 6th to 9th March, Overflow conducted a series of 4 workshops related to coding in preparation for the competition.

This event has returned in this year as a face-to-face event! The objective of PIOI was organised with the objective to pique students' interest in algorithmic thinking and problem solving through programming, and also to bring students from the various polytechnics and ITEs who have similar interests in programming together to connect with each other.

During the actual challenge on 11th March, through a series of challenges and questions focused on data structures and algorithms, participants' competitive programming capabilities were put to test, solving problems with various difficulties through their grasp and application of data structures and algorithms as well as writing of efficient code.

The event was concluded successfully in the evening, with the participants not only obtaining attractive prizes, and more importantly, building of friendships with each other, and good memories in everyone for years to come.



Open House

In this year's onsite NP Open House 2023, 5-7 Jan 2023, Overflow had the opportunity to share and present to visitors from schools and the public, various technology demonstrations including the use of AI, Computer Vision, Game Programming and Internet of Things (IoT).

Demo 1:

- Players do some drawing while computer, using AI, will guess the doodle,

Demo 2:

- An interactive game where players control a sprite to capture tiles and help their team win,

Demo 3

- A live object detection game which works in cohesion with Google's offline T-Rex game,

Demo 4

- A robot programmatically controlled, to move around in a large arena.

In addition, Overflowers shared their learning experiences and insights about the courses and student life in school, while interacting with prospective students and their parents. Hope to see some of the potential students around when the school term begins!



BYTE® Hackz

BYTE Hackz is an annual three-day hackathon organised by the school's Portfolio Development (PFD) Teaching Team in collaboration with Overflow, for the IT students taking the PFD module. This year's edition of BYTE Hackz was conducted fully face-to-face. The problem statements are provided by industry partners OCBC, Workato as well as NP Estate Management.

Due to popular demand, Overflow had brought back the various stations from previous years, in particular, the Genius Bar, where the students can send a support ticket when facing technical issues, for Overflow members to give them technical consultation and assistance. Overflow had also created various game stations for the students to unwind whenever they need a break from their work, including a Nerf Gun Shooting Range, Console Games and CSGO Faceoffs.



Workshops (Weekly)



Through weekly workshops, Overflow members are able to learn new technology and tech skills both virtually and on-site. The workshops encouraged members to be more inquisitive and curious about technology, and gathered like-minded students who have passion in technology, to come together to share and learn.

Flutter

Over 2 sessions, Overflow covered Flutter, an open-source mobile application development framework. Members had the opportunity to create their very own mobile applications, through learning UI Fundamentals, the various elements that can be added into their application, allowing their creativity to run wild!

OpenCV

Open Source Computer Vision was used to teach Overflow members more about computer vision. The session covered image processing techniques and how it can be used to manipulate images, videos. The members were also taught about how to apply computer vision to create useful applications for our everyday lives and the community.



WRSIG

NP Open House Shoot



On January 5-7 2023, PVSIG was engaged to do photography for the annual NP Open House. During the event, PVSIG members roamed around the school campus, capturing memorable moments of the staff and students engaging the visitors.

A video was also created and edited by PVSIG using video clips recorded during the event.

SIG Collab Events

IBM MOU

On 25 November 2022,

Overflow SIG was invited to witness the Memorandum of Understanding (MOU) signing ceremony between IBM Singapore and the NP School of InfoComm Technology, which aims to expand collaboration and partnership in the areas of education and emerging technology, in particular, AI and Quantum Computing. This gave the Overflow EXCOs the opportunity to network with industry experts from IBM, and also learn more about the opportunities that the MOU can bring for the students in NP.

PVSIG (Photography & Videography SIG) was also engaged to provide photography support to capture important memories of this momentous event.



Paypal x GIT Capture-The-Flag (CTF)



In March, the female excos and members from Nullsec SIG, together with girls from GIT (Girls-in-Tech) SIG participated in the first ever GIT and PayPal co-organized CTF. It includes 2 training workshops, covering penetration testing, cryptography and hashing in January 2023, as well as a 24-hour team Jeopardy-style Capture-The-Flag competition on the 8th of March 2023. One of the NullSec Female ExcOs teams, Team {0_0?}, clinched the 4th position!

In addition, the event included a firesite chat, during which the girls listened to the inspiring talks by chat panelists: Joanna Koh, Marie Long, Preethi Devarajan and Chua Yu Hui, The panelists took time out of their busy schedules to tell their stories and gave the girls advice on being a Women in Tech.

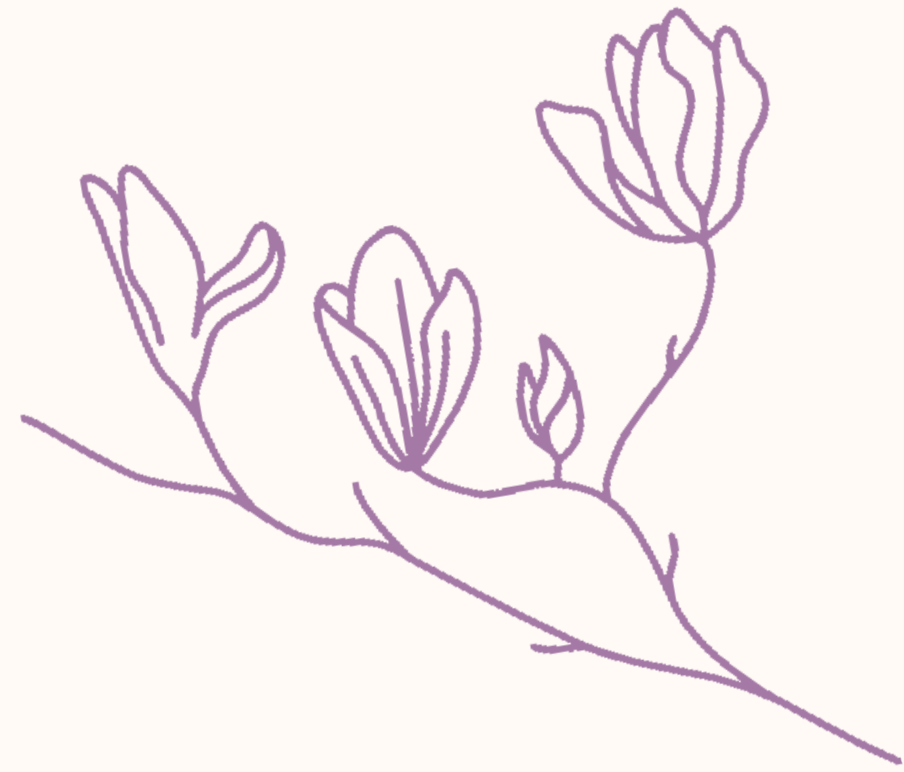
The NP GIT excOs also supported this event as MCs and photographers.

A big thank you to both GIT, NullSec for their contributions in making this cross-poly CTF successful!





DSTA SCHOLARSHIP



Title: DSTA Polytechnic Scholarships

Calling all defence tech enthusiasts! Keen to contribute to Singapore's defence capabilities?

The DSTA Polytechnic Scholarships provide you with an array of exciting opportunities to pursue a career in defence science and technology. From designing, developing and integrating defence systems and capabilities to working in emerging fields such as data analytics and artificial intelligence, you can look forward to honing your skills in a dynamic environment.

Who are we looking for?

- Singapore Citizens
- Students with good academic results
- For DSTA Polytechnic Digital Scholarship – Students currently pursuing a full-time diploma in infocomm related fields
- For DSTA Polytechnic Engineering Scholarship – Students currently pursuing a full-time diploma in engineering related fields
- Students passionate about science and technology

What awaits you?

- Tuition fees
- Allowances
- Internship where you will gain valuable hands-on experience
- Exclusive invitations to DSTA events
- No bond obligations

Apply for the DSTA Polytechnic Scholarships today!

DSTA Polytechnic **Digital** Scholarship:

DSTA Polytechnic **Engineering** Scholarship:



<https://go.gov.sg/dstapolydigitalscholarship>



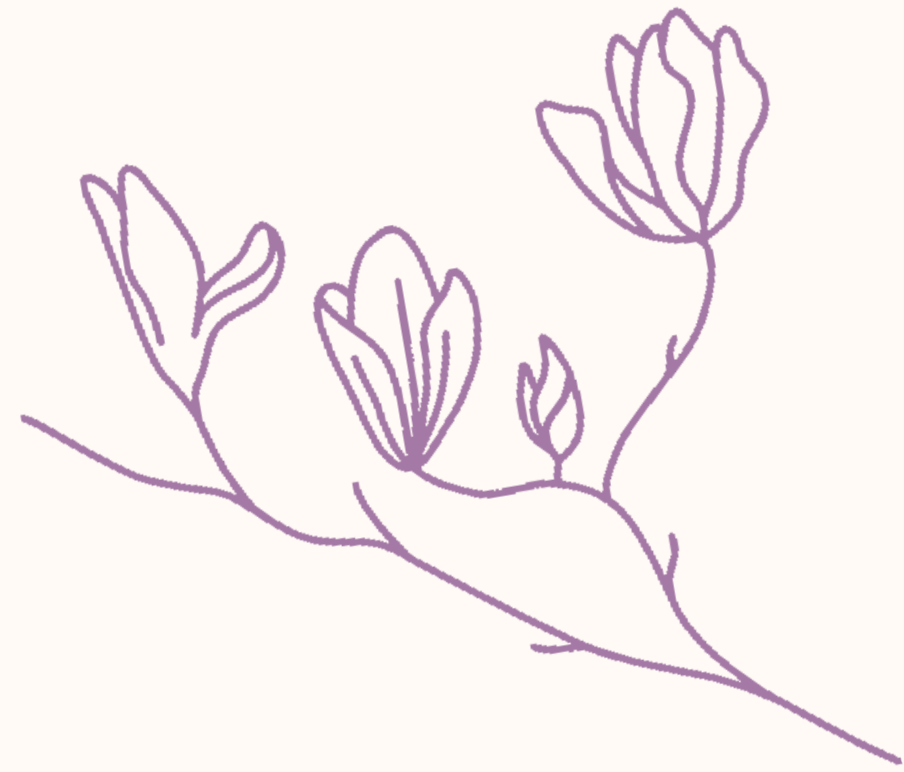
<https://go.gov.sg/dstapolyengscholarship>

Application closes on **3 July 2023**.





WPCOMING EVENTS



WPCOMING EVENTS



- World Skills
- Inter School Games
(ISG)
- Investiture

Presented to you by



Jing Xuan



Daphnie



Leng Song