

# FIRST BULLETIN *Special Edition 2*

**FACULTY OF  
COMPUTER SCIENCE & TECHNOLOGY**



**INDUSTRY ENGAGEMENTS**



FIRST is a monthly e-bulletin for First City University College to disseminate information and share news with all the stakeholders of the University College.



**FIRST CITY  
UNIVERSITY  
COLLEGE**  
WAY AHEAD

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## MESSAGE FROM THE VICE-CHANCELLOR

**IT GIVES ME GREAT JOY TO SHARE THIS SPECIAL EDITION OF THE FIRST CITY UNIVERSITY COLLEGE E-BULLETIN, DEDICATED TO CELEBRATING THE SPIRIT OF COLLABORATION BETWEEN OUR UNIVERSITY AND OUR VALUED INDUSTRY PARTNERS.**

**As we reflect on over 35 years of educational excellence, I take great pride in our enduring tradition as a trusted provider of quality higher education — nurturing minds, inspiring innovation, and shaping the future through knowledge, character, and community.**

This special issue highlights how our partnerships with industry continue to open doors of opportunity for our students and faculty alike. Each story — from faculty members earning distinguished awards and research recognitions to the signing of new MOUs with leading companies and organisations — reflects our steadfast dedication to bridging academia with the real world.

I am especially proud of our students who are making the most of these opportunities — through industry visits, internships, and innovation challenges that enhance their learning beyond the classroom.

**These experiences, together with the guest lectures, expert talks, and collaborative projects featured here, enrich our academic environment and keep our curriculum dynamic and relevant.**

As we celebrate our 35-year journey, we do so with deep gratitude to our dedicated faculty and staff, our partners in industry, and our supportive parents and community. Together, we continue to build a university where learning meets purpose — and where every collaboration helps shape confident, skilled, and compassionate graduates ready to make a difference.

To our prospective students and their families: we invite you to be part of this enduring story of excellence and partnership.

**As we look ahead, we remain committed to expanding our horizons — strengthening our ties with industry, embracing innovation, and preparing our students to succeed in a future shaped by creativity, technology, and global collaboration.**

**Warm Regards,**

**Professor  
Dr. Saw Sor Heoh**

Vice-Chancellor,  
First City University College



## MESSAGE FROM THE DEAN

**I AM PROUD TO SHARE THE DYNAMIC, INDUSTRY-CONNECTED LEARNING ENVIRONMENT WE HAVE BUILT HERE AT THE FACULTY OF COMPUTER SCIENCE & TECHNOLOGY—ONE THAT GIVES OUR COMPUTER SCIENCE & COMPUTING STUDENTS A CLEAR ADVANTAGE AS THEY PREPARE FOR THEIR FUTURE CAREERS. THROUGH CLOSE COLLABORATION WITH INDUSTRY AND A STRONG EMPHASIS ON APPLIED LEARNING, WE OFFER OPPORTUNITIES THAT GO WELL BEYOND THE CLASSROOM, ENSURING OUR STUDENTS ARE EQUIPPED FOR REAL-WORLD SUCCESS.**

**Our signature initiatives, including InnoVerse 2025, Research Day 2025, and the Bytes Buzz Live! series, provide platforms for students to showcase their work, engage with industry professionals, and gain insights into emerging trends. Learning is further enriched through our Future-Tech Labs, such as the Robotics & AI Lab and the IoT & Sensor Lab, where students gain hands-on experience with cutting-edge technologies while developing problem-solving skills, creativity, collaboration, and confidence.**

Industry partnerships with organizations such as Alibaba Cloud, SAS Institute, UBTECH, TMAS Technologies, and CREATORS Pte Ltd are embedded into our curriculum. These collaborations give students access to industry-standard tools, professional mentorship, and real-world projects, complemented by educational visits, workshops, and structured internships that provide early exposure to workplace expectations and professional practices.

Our students also shine in national and international hackathons and innovation challenges, applying classroom knowledge to solve real-world problems. All these experiences shape our graduates into future-ready professionals—industry-aware,

adaptable, and equipped with strong technical and professional skills. For students seeking a computing education with rich industry exposure and exciting learning opportunities, this is where their journey begins.

**I invite you to join us and discover how a journey at the Faculty of Computer Science & Technology can prepare you not just to enter the workforce, but to lead, innovate, and make an impact in the world of technology.**

**Warm Regards,**

**Associate Professor  
Ts. Dr. Chng  
Chern Wei**

Dean,  
Faculty of Computer Science  
& Technology



## INNOVERSE 2025: TURNING SPARKS INTO REVOLUTIONS



The Faculty of Computer Science & Technology hosted its annual graduation showcase, InnoVerse 2025, on 27 August 2025, reflecting a strategic shift towards building an innovation ecosystem for globally competent and industry-ready graduates. Themed *Turning Sparks into Revolutions*, the event showcased how students transformed early-stage ideas into technology-driven solutions with real-world relevance. Interim Dean Mr Lye Boon Han encouraged students to leverage Artificial Intelligence to enhance creativity and outcomes, while keynote speaker Mr. Ahmad Fuad of ISC2 Malaysia highlighted cybersecurity as a foundation for secure, ethical, and sustainable technological innovation.

Projects across computer science, software engineering, information systems, information technology, and engineering demonstrated strong innovation and applied problem-solving. Industry experts from Sapura Defence, Accenture, and Axai Digital evaluated the projects, commending the Faculty's project-based learning approach aligned with the UN Sustainable Development Goals and ESG principles.

The Industry Choice Award (Computing Category) was presented to Wong Shan Kang, a second-year Diploma in Information Technology student, for UniTrade: A Digital Trading Platform for the University Community. Wong shared, "This award gave me recognition and boosted my confidence. The idea came from seeing how my roommate's costly assignment items often went to waste, so I wanted to maximise their value." The Most Popular Project Award went to Goh En Qi (Bachelor of Computer Science Intelligent Systems) and Jashlienne Quisha San Pedro (Bachelor of Software Engineering Honours) for WazePal: An AI Integration – The Future of Waze, with Goh noting that the experience strengthened their confidence and presentation skills through industry feedback.

Among the engineering award recipients, Foo Cheong Jun, a final-year Bachelor of Electronic Engineering with Honours student, received the Industry Choice Award (Engineering Category) for his Piezoelectric Energy Harvesting System, sharing that the recognition affirmed his efforts and provided valuable direction for further improvement.

**Through industry evaluation, applied innovation, and real-world feedback, InnoVerse 2025 reinforced its role as a platform that develops students' confidence, professional readiness, and ability to translate ideas into impactful solutions.**

## FIRST CITY UNIVERSITY COLLEGE HOSTS INAUGURAL FACULTY RESEARCH DAY



The Faculty of Computer Science & Technology hosted its inaugural Research Day on 18 April 2025 at First City University College, providing students a platform to showcase and pitch their innovative projects to industry experts and professionals. The event celebrated academic research and student innovation, offering opportunities to exchange ideas, observe diverse development methods, and foster meaningful industry connections.

Industry experts serving as judges included Nur Qamarina Binti Mohd Noor, Staff Engineer/Digital IC Design Trainer at SMD Semiconductor Sdn. Bhd., and Suhan Kumar, R&D Engineer at Kontron Asia Pacific Design Sdn. Bhd., offering feedback that bridged classroom theory with real-world practice.

### Groundbreaking Projects Recognised:

- Industry Choice Award (Computing): Ong Kai Jie – E-Learning System
- Industry Choice Award (Engineering): Foo Cheong Jun & Krishen A/L R. Bharathen – Haptic Feedback Gloves and Robot Arm for Training Purposes
- Most Popular Project Award: Goh En Qi & Jashlienne Quisha San Pedro – WazePal AI Voice Controlled Road Navigation

### Students reflected on their learning experiences:

- Adzreza Syahmie Bin 'Adzzham Syahzany (Bachelor of Information Technology – Networking and Security) said, "I learned how AI can be applied to different systems."
- Ng Yan Hui (Bachelor of Information Technology – Networking and Security) shared, "I discovered different ideas, skills, and tools used to develop projects."
- Goh En Qi (Bachelor of Computer Science – Intelligent Systems) added, "I improved my presentation skills and learned from others' project designs and development methods."

**The inaugural Faculty Research Day provided students with a platform to present their work, engage in discussion, and receive constructive feedback from academic staff and industry experts. The experience strengthened students' research understanding, communication skills, and confidence, supporting their development for future innovation and industry engagement.**

## BYTES BUZZ LIVE! CONNECTING STUDENTS WITH EMERGING TECHNOLOGIES



**The Faculty of Computer Science & Technology continues to engage students and the public through its Bytes Buzz Live! series, showcasing emerging trends, technology insights, and practical applications in computing. Since its launch, four episodes have been streamed via Facebook Live and Zoom, reaching students, alumni, and industry professionals, and reflecting the Faculty's commitment to applied learning and industry engagement.**

The inaugural episode on 25 September 2024, moderated by Dr. Norhayati Binti Mohd Zainee, featured faculty presentations and live demonstrations. Dr. Muhammad Hana Bin Yusop discussed essential skills for Industry 4.0, while Asst. Prof. Ir. Dr. Tay Ching En Marcus demonstrated game creation using programming techniques. Student projects such as the Local Travel Discovery Application and Wireless Plant Watering System highlighted hands-on learning. Student Foo Cheong Jun shared, "I appreciate the Faculty's support and the opportunity to apply my learning in practical projects."

Episode 2, held on 6 November 2024, focused on robotics and data science. Ir. Ts. Sukhairul Nizam bin Abdul Razak highlighted the transformative role of robotics in industry, particularly automotive, while Asst. Prof. Ir. Dr. Tay Ching En Marcus demonstrated innovative data collection techniques, illustrating their relevance to research and industry.

Episode 3, on 25 June 2025, strengthened technical and real-world skills. Mr. Mohd Sukry Bin Mohd Taib led KNIME on Fire: Building Insight Pipelines without Code, introducing students to KNIME, a visual data analytics platform used by organisations such as Petronas, Telekom Malaysia, Maybank, MDEC, and the Department of Statistics Malaysia. Adzreza Syahmie Bin 'Adzzham Syahzany noted, "KNIME is a useful tool, and many companies want people skilled in it." The second session, IT for Community: Digital Services and Healthcare for the Senior Elderly, led by Mr. Mohd Nor Tri Bin Nordin, explored IT innovations supporting senior healthcare and safety.

The fourth episode, on 10 September 2025, examined AI in creativity and healthcare. Ts. Syahirah Binti Ibrahim discussed opportunities and risks of generative AI, while Dr. Ridhwan Hilmi Bin Mohd Adnan demonstrated AI applications in predicting eye disease using computer vision and machine learning.

**Across its four episodes, Bytes Buzz Live! has become a dynamic platform connecting students with faculty expertise and industry perspectives, reinforcing a hands-on, future-focused learning approach and the meaningful application of students' skills in real-world contexts.**

## BRIDGING ACADEMIA AND INDUSTRY: ADVANCING CYBERSECURITY EDUCATION



The Faculty of Computer Science & Technology continues to strengthen industry engagement and applied learning through its Bachelor of Information Technology (Networking and Security) (Honours) programme. On 12 July 2024, the Faculty hosted a Programme Review Development Committee Meeting alongside an Industry Advisory Panel Meeting, bringing together faculty staff and industry experts to ensure the curriculum remains relevant to evolving cybersecurity trends.

The event was organised by Siti Azirah Binti Azhari, programme coordinator, and welcomed industry representatives from LGMS Berhad, including Jeffery Low, Senior Cyber Security Consultant, and Issabell

Tang, Training Manager. Following the main discussions, a dedicated session with the Dean, Asst. Prof. Foo Sek Kuan, David, and LGMS representatives focused on strengthening the partnership and exploring collaborative initiatives to enhance the programme.

**Jeffery Low commented, "The programme structure and academic syllabus fulfil the industry needs in cybersecurity." Issabell Tang added, "Professional certification will add value to the student's learning experience and prepare them for a career in cybersecurity."**

**This initiative reflects the Faculty's commitment to integrating academic excellence with practical industry insights, equipping students with the skills, knowledge, and professional readiness required to thrive in the dynamic field of cybersecurity.**

## FIRST CITY UNIVERSITY COLLEGE LAUNCHES FUTURE-TECH LABS TO ENHANCE TEACHING AND LEARNING



The launch ceremony was officiated by First City University College Director Tan Sri Dato' (Dr) Teo Chiang Liang, accompanied by Vice-Chancellor Professor Dr Saw Sor Heoh and Associate Professor Dr Chua Ping Yong. The establishment of these laboratories reflects the institution's strategic focus on integrating future-ready technologies into its teaching, learning, and research environment.

The two labs are intended to support teaching and learning in key areas such as information systems, computer science, information technology, software engineering, and related computing disciplines. By providing access to robotics, artificial intelligence, Internet of Things, and sensor-based technologies, the labs strengthen experiential learning and applied approaches across these fields of study.

**First City University College launched two Future-Tech Labs as part of its ongoing efforts to enhance service delivery and strengthen its academic curriculum in technology-related disciplines. The Robotics & AI Lab and the IoT & Sensor Lab were officially launched on 19 August 2022 at the First City University College campus.**

**In line with First City University College's aspirations to embrace future technologies, the labs also support research and development initiatives. They serve as catalysts for innovation, bridges between disciplines, and launchpads for the next generation of technologists. By fostering exploration, collaboration, and hands-on learning, the labs prepare students to apply theoretical knowledge in practical contexts and develop the technical competencies needed to thrive in the evolving technological landscape.**

## FIRST CITY UNIVERSITY COLLEGE SIGNS MOU WITH ALIBABA CLOUD TO ADVANCE IT INNOVATION



On 12 November 2024, First City University College and Alibaba Cloud Malaysia signed a Memorandum of Understanding (MoU) to strengthen technological capabilities and foster an entrepreneurial spirit among students in the Faculty of Computer Science and Technology.

The signing ceremony was attended by Mr. Lye Boon Han, Senior Registrar, Assistant Professor Foo Sek Kuan, David, Dean of the Faculty, Mr. Dennis Tan, Business Development Manager of Alibaba Cloud Malaysia, and Dr. Jawad Ali Shah, Senior Training Advisor of Alibaba Cloud Intelligence.

Assistant Professor Foo Sek Kuan highlighted the transformative partnership, noting that it will provide students with access to Alibaba Cloud’s expertise in cloud computing, AI, and emerging technologies. The collaboration includes specialised programmes, workshops, and industry visits, designed to equip students with in-demand skills and prepare them for a digital, interconnected world.

This MoU reinforces First City University College’s commitment to nurturing innovation and industry-ready graduates, opening opportunities for students to excel in the digital economy and contribute meaningfully to the global workforce.

## FIRST CITY UNIVERSITY COLLEGE SIGNS MOU WITH SAS INSTITUTE TO ADVANCED DATA ANALYTICS AND INDUSTRY 4.0 SKILLS



**On 21 August 2024, First City University College signed a Memorandum of Understanding with SAS Institute Inc., marking a partnership designed to enhance students' skills in data analytics, AI, and Industry 4.0 applications.**

Professor Dr Saw Sor Heoh, Vice-Chancellor of First City University College, welcomed the partnership, highlighting its role in fostering academic innovation and equipping students with the skills needed to thrive in the evolving workforce.

The collaboration benefits students in the Faculty of Computer Science & Technology by integrating SAS's advanced tools and expertise into the curriculum. Students will gain hands-on experience, professional certification upon graduation, and opportunities for practical training at SAS Institute's Malaysia office, strengthening employability and industry readiness.

**Selected high-performing students will also receive exam fee waivers, recognising academic excellence and providing a competitive edge in the job market.**

## FIRST CITY UNIVERSITY COLLEGE SIGNS MOU WITH ZCHWANTECH SDN BHD TO ADVANCE INDUSTRY COLLABORATION AND STUDENT DEVELOPMENT

On 19 July 2024, First City University College and ZCHWANTECH Sdn. Bhd. signed a Memorandum of Understanding (MoU), marking a milestone in industry engagement and student development. The ceremony was attended by Professor Dr. Saw Sor Heoh, Vice-Chancellor of First City University College; Mr. Weladavi Acharige Rahula, Head of Student Services; Mr. Chay Wee Jye, Chief Technology Officer of ZCHWANTECH; Mr. Yap Kok San, Senior Talent Acquisition Executive; as well as Deans, Heads of Departments, and staff of the University College.

The partnership will provide students with enhanced educational opportunities, industry exposure, and practical experience to develop the skills and knowledge needed for future careers. A key feature is ZCHWANTECH's commitment to presenting Industry Excellence Awards to outstanding graduates from the Faculty of Computer Science & Technology and the Faculty of Design & Built Environment at the upcoming graduation ceremony.

**This collaboration aims to connect graduates with industry leaders, strengthen ties between education and industry, and showcase the diverse talents of First City University College students. Both institutions share confidence that the partnership will inspire and create new opportunities for students, faculty, and the wider community.**



## FIRST CITY UNIVERSITY COLLEGE SIGNS MOU WITH ADASTANETWORK SDN BHD TO ADVANCE INDUSTRY 4.0 EDUCATION



On 19 July 2024, First City University College and ADASTANETWORK Sdn. Bhd. signed a Memorandum of Understanding (MoU) to foster knowledge exchange, promote technological innovation, and advance Industry 4.0 education. The ceremony was attended by Professor Dr. Saw Sor Heoh, Vice-Chancellor of First City University College; Asst. Prof. Foo Sek Kuan David, Dean of the Faculty of Computer Science & Technology; Ms. Bhaawaani Visunathan, CEO of ADASTANETWORK; Mr. Naresh Visunathan, Marketing & Development Manager; and Mr. Cletus De Rozario, Education & IR4.0 Consultant.

The partnership aims to equip students with industry-aligned skills through structured modules and certifications, including Industry 4.0 from the London College of Corporate Learning, IPv6 (Network and Security) from IPv6 Global Forum, Cybersecurity from Certnexus, and Supply Chain & Logistics from ISCEA.

This collaboration strengthens First City University College's role as a leader in Industry 4.0 education, providing students with the knowledge, certifications, and practical experience needed to thrive in a dynamic job market. Together, the University College and ADASTANETWORK are setting a benchmark in educational excellence driven by innovation and relevance.

## FIRST CITY UNIVERSITY COLLEGE SIGNS MOU WITH CCREATORS PTE LTD TO ADVANCE RESEARCH IN SOCIAL MEDIA ENGAGEMENT

In October 2022, First City University College signed a Memorandum of Understanding (MoU) with CCREATORS Pte Ltd, a Singapore-based software company providing social media management and intelligence tools for content creators. The signing ceremony was attended by Professor Dr Saw Sor Heoh, Vice-Chancellor of First City University College; Mr Seah Wei Ming, Director of CCREATORS; Associate Professor Dr Chua Ping Yong, Dean of the Faculty of Engineering and Computing; and Ms Tan Weiling Wendy, General Manager of CCREATORS.

The partnership enables First City University College to launch a pilot research project exploring factors that influence social media followership and content virality. The collaboration includes sharing expertise, conducting joint research, and publishing findings in academic

journals or conferences, providing valuable insights for both industry and academia.

Professor Dr Saw Sor Heoh welcomed the partnership, highlighting its potential to generate meaningful research outcomes, while Mr Seah Wei Ming emphasised the collaboration's value in supporting content creators and future generations.



## FIRST CITY UNIVERSITY COLLEGE SIGNS MOU WITH TMAS TECHNOLOGIES TO ADVANCE IOT, BIG DATA, AND CLOUD COMPUTING



On 19 August 2022, First City University College formalised a partnership with TMAS Technologies, further strengthening its industry linkages and commitment to technology-driven education. Ir. Alan Woon, Director of TMAS Technologies, represented the company at the signing ceremony.

The MoU focuses on expanding cooperation in IoT, sensor technology, Big Data, and cloud computing. Under this agreement, both parties will engage in knowledge-sharing activities, co-development efforts, and explore opportunities to apply TMAS technologies in product development across multiple technology domains.

**This collaboration provides students with unique opportunities to work on innovation-driven projects, gain exposure to real-world applications of the Internet of Things (IoT) and Big Data, and develop critical skills in emerging technologies. By bridging academic learning with industry expertise, First City University College ensures that students are well prepared to meet the demands of technology-focused careers and research initiatives.**

## FIRST CITY UNIVERSITY COLLEGE SIGNS MOU WITH UBTECH TO ADVANCE ROBOTICS AND AI



First City University College formalised a significant industry partnership with UBTECH on 19 August 2022, reinforcing the university's commitment to advancing practical applications in emerging technologies. UBTECH Country Manager, JC Ng Chiang Chuang, represented the company at the signing ceremony.

The MoU establishes a collaborative framework focusing on Robotics and Artificial Intelligence (AI). Both parties have agreed to jointly pursue research initiatives, share technical expertise, and explore the integration of UBTECH's products and services in educational and commercial applications.

**This partnership opens up new opportunities for students to engage in hands-on projects, gain exposure to cutting-edge robotics and artificial intelligence technologies, and develop skills that are highly sought after in today's tech-driven industries. By working alongside UBTECH, students and researchers at First City University College will be able to translate theoretical knowledge into real-world applications, fostering innovation and meaningful practical learning experiences.**

## 1 STUDENTS FROM THE FACULTY OF COMPUTER SCIENCE & TECHNOLOGY SECURE 2ND PLACE IN MALAYSIA-CHINA YOUTH INNOVATION COMPETITION



First City University College proudly celebrates students from the Faculty of Computer Science & Technology for securing 2nd place in the 3rd Malaysia-China Youth Innovation Competition on 29 June 2024. The winning team—Cornelius Jasper Patrick, Lee Zhi Guan, Carmen Lau Kar-Wei, and Ong Kai Jie—received a cash prize of RM2,000 for their project, Simpanlah.

Simpanlah is a mobile app designed to help students find part-time jobs while promoting savings for future goals such as loan repayments or further education. The app also includes financial literacy resources to encourage responsible borrowing and potential investment returns, fostering financial independence among young users. The judges commended the project for its practical application and potential impact on students' lives.

**Organised by Xiamen University Malaysia and partners, the competition provides a platform for university students to showcase innovative solutions to global challenges. First City University College applauds Cornelius, Lee, Carmen, and Ong for their achievement, which reflects their hard work and the supportive academic environment that nurtures talent and innovation.**

## 2 THE INSTITUTION OF ENGINEERS, MALAYSIA (IEM) GOLD MEDAL AWARD – HEARTIEST CONGRATULATIONS TO OOH JIAH CHIAN



First City University College warmly congratulates Ooh Jiah Chian for being honoured with the prestigious IEM Gold Medal Award for Outstanding Academic Achievement at the 65th Annual Dinner and Awards Night of The Institution of Engineers, Malaysia (IEM) on 1 June 2024.

The IEM Gold Medal Award is one of the highest accolades in the engineering community, recognising exceptional students from accredited engineering degree programmes. The award was presented by IEM President, Ir. Prof. Dr. Jeffrey Chiang Choong Luin, in recognition of Jiah Chian's remarkable academic accomplishments and his inspiring example to fellow and aspiring engineering students.

**This achievement reflects both Jiah Chian's dedication and First City University College's commitment to providing a supportive learning environment that empowers students to excel in their chosen fields.**

## 3 FIRST CITY UNIVERSITY COLLEGE STUDENTS SHINE IN VARSITY HACKATHON 2024 GRAND FINAL

First City University College's computing students showcased their talent at the Varsity Hackathon 2024 Grand Final, hosted by the Computer Science Society of Universiti Sains Malaysia in collaboration with Securities Commission Malaysia. Competing against 250 teams from local and international institutions, the team—Lee Zhi Guan, Cornelius Jasper Patrick, Carmen Lau Kar-Wei, and Ong Kai Jie—secured a Top 15 spot in the preliminary rounds and finished among the Top 10 teams in the Grand Final held on 20 April 2024.



Their innovative solutions and collaborative skills earned them the consolation prize, reflecting both their technical ability and the nurturing, high-quality computing education provided by First City University College. This achievement inspires the wider computing community and highlights the University College's commitment to developing emerging talent in computer science.

## 4 DELL HACK2HIRE HACKATHON: FIRST CITY UNIVERSITY COLLEGE SHINES

Congratulations to First City University College's student team—Cornelius Jasper Patrick, Lee Zhi Guan, Jeremy Pun Kheng Ming, and Jaden Lee Wai Kin—for winning the Grand Prize at the Dell Hack2Hire hackathon, surpassing 19 teams from Malaysian universities and university colleges.

Dell's Hack2Hire is designed to identify top talent through a holistic process that tests problem-solving, collaboration, creativity, and presentation skills. The Grand Prize includes exclusive job and internship opportunities at Dell Technologies and a 27-inch Dell monitor for each team member.

The team credited their success to the knowledge, skills, and collaborative spirit gained through their

computing programmes at First City University College, as well as self-directed study. Their technical expertise, project management, and presentation skills enabled them to develop and execute the winning solution.

First City University College congratulates the team for this outstanding achievement, reflecting both student talent and the University College's commitment to nurturing industry-ready graduates.



## 5 FIRST CITY UNIVERSITY COLLEGE COMPUTING STUDENTS SHINE BRIGHT AT ALL INCLUSIVE HACKS COMPETITION



First City University College proudly congratulates Ong Pimmada and Carmen Lau Kar-Wei for winning 1st Place – Ideathon Project in the All Inclusive Hacks competition, held virtually from 18 August to 3 October 2023. The global competition challenged participants to develop creative solutions to detect bias and enhance accessibility on the Web using computational technologies, including ChatGPT and GPT-4.

Their winning project, **AGEless**, demonstrates their ability to create innovative solutions that detect biases while improving online accessibility. The achievement earned them recognition in the **EquityAI Newsletter** and a suite of software and educational resources valued at over **USD 1,468**, including **Wolfram|One, Taskade, Axure RP, and AOPS coupons**.

Ong Pimmada, pursuing a Bachelor of Software Engineering (Honours), and Carmen Lau Kar-Wei, pursuing a Bachelor of Information Systems (Honours) in Business Management, exemplify innovation, teamwork, and creativity. First City University College celebrates their success as an inspiration to the computing community and a testament to the University College’s nurturing environment.

## 6 FIRST CITY UNIVERSITY COLLEGE EMERGES AS CHAMPION IN ENGINEERING, SCIENCE & TECHNOLOGY CHALLENGE (ESTECH 2023)

First City University College proudly celebrates its team—Joshua Ramesh Gopal, Cornelius Jasper Patrick, and Lee Zhi Guan—for winning the Champion title at the Engineering, Science & Technology Challenge (ESTECH 2023), held on 23–24 August 2023 at Universiti Teknologi PETRONAS. Organised by the Association for Information Systems—UTP Student Chapter and endorsed by the Department of Higher Education, the competition attracted participants from numerous public and private universities.

The team’s victory was earned through outstanding performance in the Coding King Programming Competition, showcasing their technical skills, creativity, and perseverance. They credited their success to rigorous preparation, collaborative problem-solving, and the supportive learning environment provided by First City University College.

**ESTECH 2023** offered a platform to challenge participants, learn from peers, and push the boundaries of innovation. The team’s achievement reflects their dedication, camaraderie, and the University College’s commitment to nurturing talent and fostering excellence in engineering and technology.



## 7 LIM MUN HONG HONoured WITH THE PRESTIGIOUS IEM GOLD AWARD

First City University College proudly congratulates Lim Mun Hong for receiving the IEM Gold Medal Award for Outstanding Academic Achievement at the 64th Annual Dinner and Awards Night of The Institution of Engineers, Malaysia (IEM) on 15 July 2023. This prestigious accolade recognises exceptional engineering graduates from accredited programmes and celebrates Mun Hong's dedication, passion, and academic excellence.

Having completed his Bachelor of Electronic Engineering with Honours in March 2023, Mun Hong credited his success to the well-rounded education and mentorship provided by the Faculty of Engineering & Computing. He received the award from the President of IEM in front of peers, mentors, and industry leaders, marking a significant milestone in his engineering journey.



The award not only acknowledges Mun Hong's achievements but also inspires him to continue pursuing excellence in engineering research and practice. His accomplishments highlight First City University College's commitment to nurturing talented, industry-ready engineers.

## 8 CONGRATULATIONS TO OUR STUDENT TEAM: TOP 10 FINALISTS IN TUNE PROTECT GROUP'S HACKHATON



First City University College proudly congratulates Jeremy Pun Kheng Ming, Wong Her Seng, Cornileus Jasper Patrick, and Lee Zhi Guan for securing a spot among the Top 10 finalists in the Tune Protect Group Hackathon, held from 6–8 July 2023. The event, organised by Tune Protect in collaboration with Google and Asia Pacific University of Technology & Innovation, featured 30 teams from various higher learning institutions.

The team, comprising students from Bachelor of Computer Science (Intelligent Systems) (Honours), Bachelor of Software Engineering (Honours), and Bachelor of Information Systems (Honours) in Business Management, showcased strong technical skills, creativity, and collaboration in developing solutions for the insuretech sector. Under the guidance of Programme Coordinator Khaizilayah Khalid, they demonstrated perseverance, innovation, and the ability to apply computing knowledge in real-world scenarios.

Their achievement reflects both their dedication and First City University College's commitment to nurturing industry-ready graduates capable of transforming ideas into impactful solutions.

## 9 A WELL-DESERVED REPUTATION AS THE TOP 10 INNOVATORS: CONGRATULATIONS TO OUR STUDENT TEAM



First City University College congratulates Foo Cheong Jun and Tan Hui Yee for earning a Top 10 Innovators recognition at the World Engineering Day (WED) Design Challenge 2023, organised by the Malaysian Research Accelerator for Technology & Innovation (MRANTI).

Their project, Total Asset Protection Assistant - O (TAPA-O), is an automated system designed to protect cars during floods. Following an intensive Pitching Bootcamp, the team confidently presented TAPA-O to a panel of innovation experts during the Grand Final held at MRANTI Park, Bukit Jalil on 9 June 2023.

Guided by Dr. Nurul Atiqah Bt. Ahmad, Cheong Jun and Hui Yee demonstrated exceptional technical skills, creativity, and problem-solving, earning national recognition and highlighting First City University College's commitment to nurturing innovative, industry-ready engineers.

## 10 LEE ZHI GUAN SHINES IN HUAWEI MALAYSIA'S SALES ELITE CHALLENGE 2023

First City University College congratulates Lee Zhi Guan, from the Bachelor of Information Systems (Honours) in Business Management programme for his outstanding performance at the Huawei Malaysia Sales Elite Challenge 2023. He earned 2nd Runner-Up and was also recognised among the 'Top 10 Best Performing Individuals'.

The University College applauds his dedication, skills, and innovative business solutions, wishing him continued success in his future endeavours.

The competition, open to Malaysian university students, featured individual presentations in the preliminary rounds (15–16 April 2023) and team presentations in the Grand Finals (28–29 April 2023). Zhi Guan's achievement earned him a trophy, certificate, RM5,000 team prize, and an internship opportunity with Huawei Malaysia.



## 1 FACULTY OF COMPUTER SCIENCE & TECHNOLOGY STUDENTS EXPLORE REAL-WORLD BROADCAST TECHNOLOGY AT RTM



On 9 October 2025, students from the Foundation in Computer Science & Technology and Diploma in Information Technology visited Angkasapuri Kota Media, RTM, to see how classroom learning is applied in a professional broadcast environment.

During the tour, students explored Ai FM, Radio Muzik, Television Studio M1, and the VTR Control room, gaining exposure to AI, cloud storage, networking, digital cameras, video graphics, and virtual studios. They also had hands-on experience with video production software, green screen technology, lighting setups, and camera operations, learning how technical systems and teamwork come together to produce live broadcasts.

"I experienced the Chinese radio channel and other language channels, saw how they operate the radio system and learned how to operate a big live stream camera. I also learned and saw how the DJ operated behind the scenes and experienced the green screen room," shared Loke Qin Hui from Foundation in Computer Science and Technology.

**"As this was my first visit to RTM, it was a good experience for me. I could see a lot of new equipment and how they do their work. I also visited the Ai FM studio and others as well. Overall, it was pretty good," added Danya Loo Yixuan from Diploma in Information Technology.**

The visit strengthened students' technical knowledge and practical skills, connecting classroom theory to professional broadcast operations, and preparing them for careers in media technology and IT-related fields.



## 2 CYBERDSA 2025 ENHANCES STUDENTS' UNDERSTANDING OF CYBERSECURITY INNOVATIONS



The experience enhanced students' understanding of AI, IoT, blockchain, and quantum computing, cultivating critical thinking, collaborative skills, and awareness of emerging cyber threats, directly benefiting their academic growth and career readiness in the cybersecurity sector.

**On 2 October 2025, students from the Bachelor of Information Technology (Networking & Security) (Honours) and Bachelor in Electronic Engineering with Honours programmes attended CyberDSA 2025 at MITEC, Kuala Lumpur. The study visit, organised with the Tech Club, offered hands-on exposure to the latest cybersecurity and digital defence innovations.**

Highlights included a talk on “The Future of Post Quantum Technology for Critical Sectors” by Dr. Amir Hamzah from PTPKM, and a booth tour featuring top cybersecurity companies including Splunk, InsiderSecurity, YesWeHack, Bitdefender, CyberSecurity Malaysia, and IGS Berhad.

“I gained valuable knowledge about the latest cybersecurity trends, best practices, and regulations,” said Ng Yan Hui. “The event also highlighted the importance of strengthening Malaysia’s IT infrastructure through both local and international players,” added Chin Zhi Kuang.



## 3 EDUCATION TRIP TO IPSERVER ONE CJ1 DATA CENTER STRENGTHENS STUDENTS' UNDERSTANDING OF CENTRE OPERATIONS AND CYBERSECURITY



**On 20 August 2025, students and staff visited the IPSERVER ONE CJ1 Data Center in Cyberjaya. Organised by the Tech Club and the Faculty of Computer Science and Technology, the trip aimed to provide practical understanding of data center operations, cybersecurity, and cloud infrastructure.**

Students learned about Tier III facility security, disaster recovery strategies, cloud storage systems, and compliance standards such as PCI-DSS and ISO 27001.

“Visiting the CJ1 Data Center has helped me gain a lot of knowledge, from how data centers work and how they are maintained to understanding network systems at the backend level. Seeing physical cloud storage systems gave me a better understanding of what I am studying beyond software on devices,” shared Jashlienne Quisha San Pedro from the Bachelor of Software Engineering programme.

**The visit enabled students to apply theoretical knowledge to real-world data center operations, strengthening their practical skills and preparing them for careers in cloud computing, IT infrastructure, and cybersecurity.**

## 4 EMPOWER YOUR MACHINE JOURNEY WITH CLOUD COMPUTING



On 23 April 2025, the Faculty of Computer Science and Technology hosted a workshop titled “Build Your First Machine Learning Model with Cloud Computing.” Hernando Ivan Teddy, Senior Software Engineer at Ørsted Malaysia, introduced machine learning and AI fundamentals and guided participants through hands-on exercises on Google Colab.

Attendees explored key concepts such as supervised and unsupervised learning, sentiment analysis, and reinforcement learning, including text classification using Support Vector Machine (SVM) and TF-IDF vectorization.

“I learned about machine learning and how pandas are used with linear SVM or SVC and the power of Google Colab from this workshop,” noted Jashlienne Quisha San Pedro from Bachelor of Software Engineering (Honours).

**The session equipped students with practical skills and a deeper understanding of AI and cloud computing, supporting their learning outcomes and preparing them for future technology projects.**

## 5 AI UNLEASHED WITH ALIBABA CLOUD

In conjunction with Career and Industry Networking Day 2025, students and staff attended a career talk titled “AI Unleashed: Discover Alibaba’s Cutting-Edge Cloud AI Solutions” on 16 April 2025. Led by Dr. Jawad Ali Shah, Senior Alibaba Cloud Training Advisor, the session covered AI, machine learning, and Alibaba Cloud’s advancements in large language models (LLMs) and AI tools. Attendees explored foundation models, generative AI, vision-language capabilities, and real-world applications in healthcare, logistics, and education.

“I get to understand generative AI solutions, Alibaba Cloud LLMs and Alibaba Cloud Model Studios. This workshop is very useful for my course,” commented Goh En Qi from the Bachelor of Computer Science (Intelligent Systems) (Honours).



The session enhanced students’ understanding of AI technologies and their applications, providing practical insights for integrating AI into academic projects and future careers, while strengthening their readiness for technology-driven industries.

## 6 INDUSTRIAL VISIT TO VSTEC KU SDN BHD

On 28 February 2025, Voon Jian Wei, a student of the Bachelor of Information Technology (Networking and Security) (Honours) programme, presented his internship experience during an industrial visit to VSTEC Ku Sdn Bhd, Kota Damansara. The visit, conducted by academic supervisor Miss Siti Azirah Azhari and hosted by industry supervisor Mr. Som Keat Putian, provided an opportunity to review Voon’s contributions and progress.

Voon shared his work on Wi-Fi network planning and design using Ekahau tools, assessing wireless coverage, testing signal strength, and preparing detailed reports for client sites. The visit concluded with a company tour and group photo, reinforcing the connection between academic learning and real-world industry practice.



## **7 CLOUD COMPUTING – A WORKSHOP ON VIRTUAL MACHINES AND SERVERLESS ARCHITECTURES**

**On 31 July 2024, the Centre of Postgraduate Studies hosted a workshop titled "Exploring the Distinctions: Virtual Machines vs. Serverless Architectures in Cloud Computing Platforms." Led by Hernando Ivan Teddy, Senior Software Engineer at Ørsted Malaysia, the session demonstrated practical applications of virtual machines and serverless architectures using platforms such as Microsoft Azure, Google Cloud, AWS, and Postman.**

Venice Tam Yu Han, a student from the Bachelor of Electronic Engineering with Honours programme, noted the session's usefulness for understanding IT careers and industry-relevant technologies.



The workshop equipped students with a clear understanding of cloud computing architectures, enabling them to make informed decisions about technology implementation and enhancing their professional readiness in IT and software engineering roles.

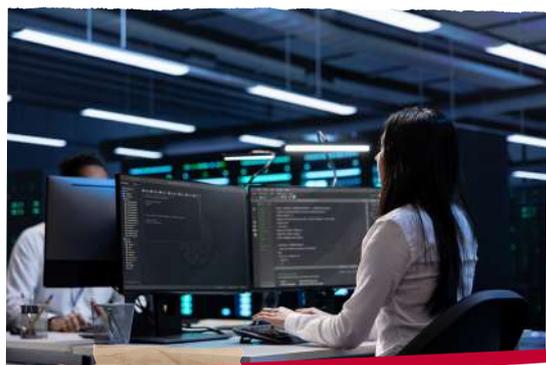
## **8 UNLOCKING POTENTIAL: COLLABORATIVE EVENT WITH AWS, MYSTARTUP, AND KABEL**

On 1 November 2023, First City University College's Faculty of Engineering & Computing (FEC) organised a collaborative industry engagement event in partnership with MYSTARTUP, KABEL, and Amazon Web Services (AWS). Titled "Coffee Chat with KABEL", the session attracted strong participation from FEC students and was supported by faculty members led by Assistant Professor Ir. Mah Siew Kien, Assistant Professor Ir. Dr. Tay Ching En Marcus, and Deputy Head of Computing Sherryn Lim Wen-l.

The highlight of the event was an industry sharing by Ms. Soh Kelly, Principal Customer Solutions Manager at AWS. Her presentation introduced students to the role of Customer Solutions Management in supporting cloud adoption, while covering key areas such as database management, software licensing, open-source solutions, and the importance of industry collaboration. These topics provided students with practical insights aligned with current industry practices.

**Beyond technical knowledge, students were also exposed to AWS's work culture and career pathways. KABEL further supported student employability by facilitating connections for internships and job placements. Overall, the event enhanced students' industry awareness, strengthened their career readiness, and reinforced the value of applied learning through industry collaboration.**





## INFORMATION SYSTEMS (BUSINESS MANAGEMENT)

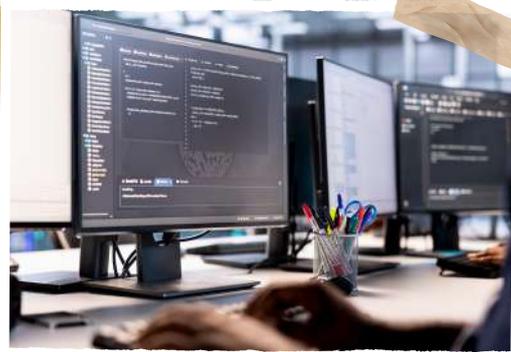
## COMPUTER SCIENCE (INTELLIGENT SYSTEMS)

## INFORMATION TECHNOLOGY (NETWORK AND SECURITY)

## SOFTWARE ENGINEERING

- Microsoft Learn
- Dell Technologies / Dell Global Business Centre Sdn Bhd
- Huawei Technologies (Malaysia) Sdn Bhd
- Sony EMCS (Malaysia) Sdn. Bhd.
- Public Bank Berhad
- BASF Asia-Pacific Service Centre Sdn. Bhd.
- PWC Malaysia (KL Central)
- Alibaba Cloud Malaysia
- Sharp Electronics Sdn Bhd
- AIA Bhd
- Robert Bosch Sdn. Bhd.
- Teleperformance Malaysia (KL)
- Silverlake Axis Sdn. Bhd. (KPMG Tower, First Avenue)
- UMW Corporation Sdn. Bhd
- CrimsonLogic Malaysia Sdn. Bhd.
- Worldline International Malaysia Sdn Bhd
- Certnexus
- ISCEA Sdn Bhd
- Ipv6 Forum
- London College for Corporate Learning Limited

- GloCo Malaysia Berhad
- E-Genting Sdn Bhd
- Finspark Media Sdn Bhd
- Knight Connections Sdn Bhd
- Rockwills Corporation Sdn Bhd
- EG Soft Solutions
- First Avenue Cleaning Service
- Mary Buffett Business Pte Ltd
- Live In Sdn Bhd
- YNY Technology Sdn Bhd
- VSTECS Ku Sdn Bhd (KD)
- Webby Group
- Petbacker Sdn Bhd
- Go Digital Asia
- IFCA MSC Berhad
- Kollect Systems Sdn Bhd (KD)
- Sei Asia Sdn Bhd (Sunway)
- Adastanetwork Sdn Bhd
- SAS Institute
- Tmas Technologies Sdn. Bhd.
- Ubtech Robotics Corp Limited
- Komputown Sales & Services
- Stat Supply Sdn. Bhd.
- Ebright Sdn. Bhd.
- Isaac Studios
- OpenSys (M) Berhad
- Control Automation Technology Sdn. Bhd.
- Brownfield Engineering Sdn. Bhd.
- Bigstar Optoelectronic (M) Sdn. Bhd.
- KESM Test (M) Sdn. Bhd.
- Commaxion Sdn. Bhd. (removed duplicate)
- Aimflex Systems Sdn. Bhd.
- Jeks Precast Products Sdn. Bhd.
- Opus Farm Sdn. Bhd.
- Power Metal Technologies (M) Sdn. Bhd.
- HHM Machinery & Instruments Sdn. Bhd.
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